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LaRouche: The Secret Economy
The Case for Impeachment of President Obama
Banking Cartel Ordered Glass-Steagall Repeal

**Imagine You Wake Up... and
The Financial System Is Gone!**

Global Financial System

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The Banking System Has Already Collapsed!



“There is no possibility of a non-collapse of the present financial system—none! It's finished, *now!*”

—Lyndon H. LaRouche, Jr., webcast, July 25, 2007

Unless the Homeowners and Bank Protection Act “is enacted as a first order of business of the 110th Congress in September [2007], many millions of Americans will be evicted from their homes.... The foreclosure tsunami is occurring, not as a result of a mere housing or mortgage crisis, but a disintegration of the entire global financial system.”

—EIR Editorial, Aug. 31, 2007

“My view of the economy is that the fundamentals are strong.”

—President George W. Bush, Dec. 20, 2007

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EIR

From the Managing Editor

No, dear online readers, there's nothing wrong with your computer (at least, we hope not). That "Microsoft blue screen of death" you saw before you turned to this page may very well be, however, what you will face if, as Helga Zepp-LaRouche writes, you wake up one morning and discover that the global financial system has melted down. While reporting the positive developments from Berlin, where the Merkel government acted to ban certain speculative instruments, Zepp-LaRouche underlines that this is nowhere near enough. Neither the U.S. Senate, nor the German Bundestag, nor the G20 nations have done what is required: to implement a global Glass-Steagall system.

Lyndon LaRouche's *Feature* on "The Secret Economy" makes it perfectly clear that no matter what limited, positive actions Germany or other countries might take, if U.S. policy does not change, there is no hope for this collapsing civilization. And, like a fish, our current government stinks from the head. The policies of the Nero-like President Obama, LaRouche writes, "would, if continued, doom the world as a whole, economically and otherwise. Thus, today, as long as Obama's ideology remains in office, the delusion called 'monetarism' will have driven nations, even continents of the world, into the verge of a 'lemming-like' self-destruction. . . ."

That defines LaRouche's demand for the impeachment or resignation of President Obama. See *National* for Ed Hamler's LPAC-TV report on the bill of particulars.

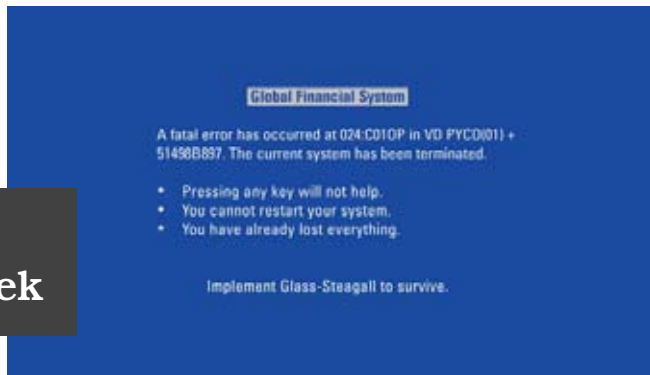
What, then, is to be done? LaRouche's *Feature* confronts, once again, the foolish economists and others who insist that "economic value" is a matter of *money*. That view is the antithesis of the idea of "credit" in the American System of economics. "This conception of credit," he writes, "which has been more or less unique to the intent of the United States' Federal Constitution since that time, whenever that law has been observed in practice, has been an essential distinction of the constitutional superiority of the American System of political-economy over the intrinsically imperialistic, monetarist systems of those nations of Europe which have operated under that recent influence of the British empire which has been expressed, especially, by the British monarchy's rapacious Inter-Alpha Group, since 1971, up through the present day."

Alert! LaRouche's next webcast is scheduled for June 26. Organize everyone you know to watch! Details at www.larouchepac.com.



Cover This Week

One fine day...



EIRNS/Alan Yue

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By Helga Zepp-LaRouche. The financial “reform bill” just passed by the U.S. Senate, with its mile-wide loopholes for speculators, along with the lack of any effective action by the G20 or the German parliament, could lead, any day now, to a complete disintegration of the world economy. But, if Lyndon LaRouche’s proposal for a Global Glass-Steagall were enacted now, it would still be possible to step back from the abyss.

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By Lyndon H. LaRouche, Jr. Although a relatively few U.S. economists have understood certain essentials of “the how and why” of LaRouche’s uniquely successful record in economic forecasting, most others have not. The root of their failure, is that they worship the “magic of the marketplace,” and money as such. Therefore, the relevant question is: What is the secret?

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The death of the Glass-Steagall regulatory safeguard in 1999 was a disaster for the the world. Freed from the prohibition against mixing commercial banking and investment banking, the largest U.S. banks became the personification of greed; and that greed, unchecked by regulatory safeguards, destroyed our economy.

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The mass strike upsurge that began last August reached a crescendo in the May 18 primary elections, as incumbents went down in state after state. This was not, as the purveyors of punditry would have us believe, a blind rage against "Washington," but, a deep sense of outrage and betrayal at what the Obama Administration and its Congressional allies have done to destroy this country.

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Imagine You Wake Up ... and the Global Financial System Is Gone!

by Helga Zepp-LaRouche

May 21—That is just what could happen, since neither the U.S. Senate, nor the German Bundestag, nor the G20 countries, have yet done anything to prevent it. On the contrary: The financial reform bill just passed by the U.S. Senate, which left the fattest loopholes for speculators, has increased the instability enormously. And the Bundestag's rubber-stamping of the EU750 billion "rescue package" for Greece has accelerated the dynamic of disintegration of the global financial system—whether by a chain-reaction domino effect, or by global hyperinflation.

A taste of what could happen at any time, on a much larger scale, was shown by the collapse of the Dow Jones on May 6, when it fell by 10% in 16 minutes, wiping out \$700 billion, with the automatic trading systems apparently on autopilot. The quick and partial rebound that occurred then, might not happen the next time, and the whole world financial system could actually disintegrate overnight. All it would take is another grave mistake, somewhere on the globe, and the world could plunge into chaos.

Only hours after the Senate passed the version of the financial reform bill demanded by the White House and top executives of Wall Street, a *Newsweek* blog compared the law to a doughnut, with a huge hole in the middle, "that is so critical to the success or failure of the bill that it becomes the legislation's defining characteristic"!

Newsweek's comment refers particularly to the fact that the amendment on controlling derivatives trading that Sen. Maria Cantwell (D-Wash.) had tried to bring to a vote, was blocked by Senate Majority Leader Harry Reid, as was the amendment that would have reintro-



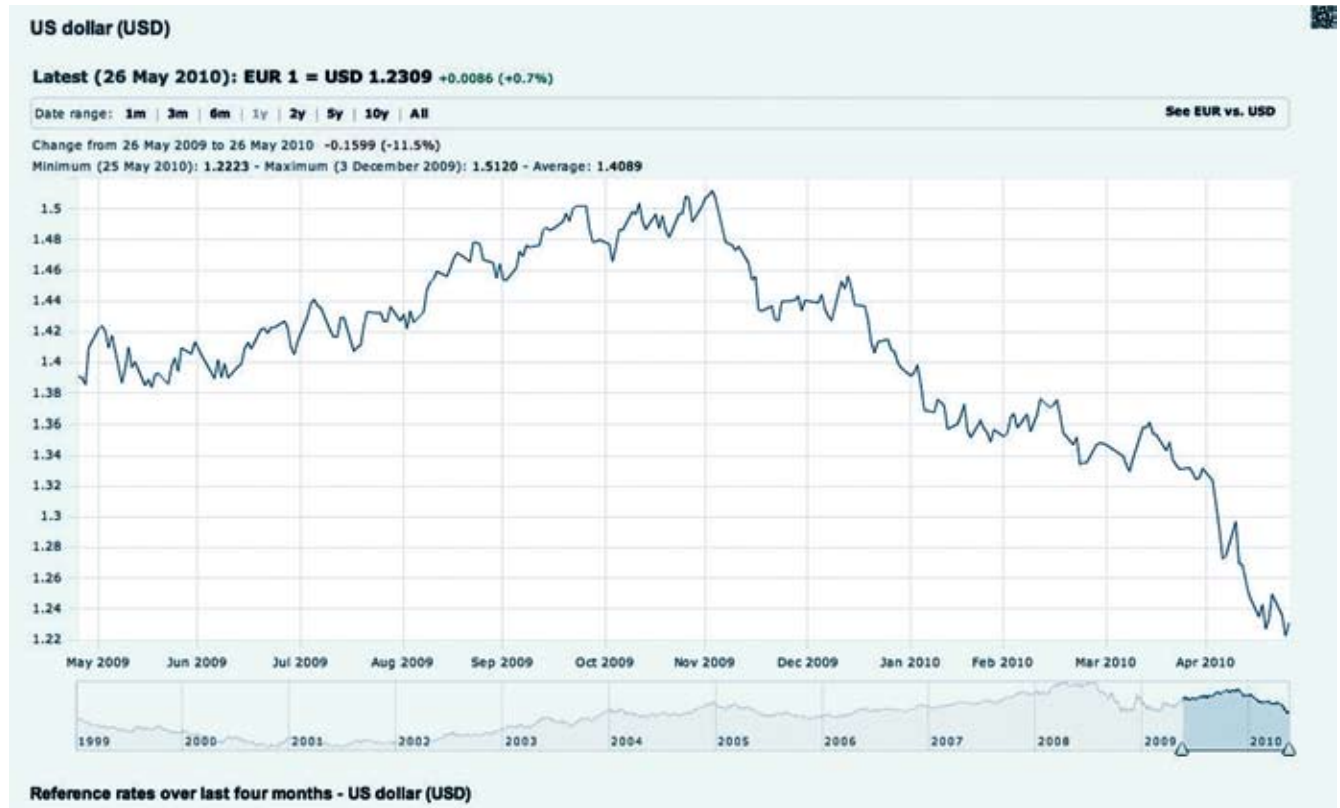
EIRNS/James Rea

Helga Zepp-LaRouche: Only a real reorganization of the world financial system will make it possible to overcome the crisis.

duced the Glass-Steagall standard. *Newsweek* quoted a source who said that, in Cantwell's view, "the bill is a joke," because "the clearing of derivatives and exchange trading is the heart of the whole bill." And that's precisely what is missing.

As the result of this vote, the derivatives trade, which the American people rightly blame for the crisis, is not only *not* restricted, but the U.S. Senate has destroyed its credibility in this matter, once and for all. For in the preceding debate, many Senate Democrats, such as Byron Dorgan (N.D.), Jeff Merkley (Ore.), Bar-

FIGURE 1
The Euro's Downward Plunge Against the Dollar
 (May 26, 2009 to May 26, 2010)



bara Mikulski (Md.), Tom Harkin (Iowa), among others, gave fiery speeches promising to support the amendments of Cantwell, McCain, and Feingold, for reintroduction of a split banking system,¹ and of Blanche Lincoln (D-Ark.), for control of derivatives.

But the leading Wall Street banks' top lobbyists, who have decades of expertise in the manipulation of Congress, made sure, together with the White House, that those same Senators, who pledged support for the amendments, turned out to be full of hot air, voting on the first ballot to end debate, and then voting for the bill without the changes that would have ensured that the high-risk speculation would have been eliminated. Not even the watered-down "Volcker Rule" was voted up. Even the new Republican Senator from Massachusetts, Scott Brown, who was elected to office with support of the Tea Party movement, evidently had all the fight taken out of him. Washington sources report that there have never

been such massive threats, manipulation, and money transfers, as in the days leading up to the vote.

What this means is that the credibility and influence of Lyndon LaRouche and his Political Action Committee have never been greater; they are seen as the only force that is not discredited, because before the vote, they launched a nationwide mobilization for restoring the Glass-Steagall Act and replacing the casino economy with a credit system. This mobilization will now continue, given the deplorable behavior of the Senate; Members of Congress, will face, what promises to be for them, the very unpleasant task of explaining to their angry constituents, during the upcoming Memorial Day holiday, why they capitulated to Wall Street, once again.

Merkel's Surprise Announcement

However, certain relevant Washington circles responded respectfully to the German government of Chancellor Angela Merkel and the BaFin's² banning of

1. The FDR-era Glass-Steagall Bill, repealed in 1999, erected a "fire-wall" between investment banking and commercial banking.

2. Germany's financial regulatory agency.

naked short sales of stocks and government bonds, as well as unsecured credit default swaps. The news of this action sent some hard-nosed bankers into a state of shock, since they never would have thought that Germany, of all countries, would act unilaterally—at least on this point—to prevent the German taxpayer from having to pay the consequences of these short sales. Meanwhile, in Austria, Belgium, Holland, Switzerland, and the Czech Republic, there are signs that they may be ready to follow suit.

Obviously, the German government, by adopting this measure, was taking revenge for the massive pres-

sure that President Obama, British Prime Minister Gordon Brown, French President Nicolas Sarkozy, and EU Commission president José Manuel Barroso, had applied to Chancellor Merkel, who agreed to the EU750 billion rescue package, after long resisting it. The above-mentioned gentlemen were treading in the footsteps of Margaret Thatcher, François Mitterrand, and George H.W. Bush, who once pressured Chancellor Helmut Kohl, against his better judgment, to agree to the European Monetary Union—the euro—as the price for their acceptance of German reunification.

The Austrian daily *Die Presse* (May 15) spoke of a

Chancellor Merkel Breaks the Mold

May 24—In a decisive action, which, while limited, puts the U.S. and other world leaders to shame, Germany's Chancellor Angela Merkel reasserted Germany's sovereignty, by ordering a unilateral ban on short selling of certain securities last week.

Germany's financial market watchdog, the BaFin, banned, as of midnight May 18, all naked short sales of assets of the top ten financial institutions in Germany, among them, Allianz, Commerzbank, Deutsche Bank, and Deutsche Postbank, as well as of state bonds of the Eurozone countries and CDS on risks of Eurozone countries. The measure, taken unilaterally, provoked a storm of protest on financial markets internationally—not so much for the effects of the ban itself, as for the fact that Germany had taken the decision without first alerting other governments.

While the French government expressed official embarrassment at not being consulted by the Germans, other influential voices in France supported the move, such as Jean-François Kahn, publisher of the magazine *Marianne*. He wrote on May 19 that “Madame Merkel has taken a genuine measure to regulate financial markets,” while “you know who”—meaning French President Nicolas Sarkozy—has done nothing. “Let me remind you that in my own recent proposal for global financial reform, I called for prohibiting naked short selling, which is nothing but an organized way to ruin people's sav-

ings and to make money on their backs.”

From a purely rational standpoint, Kahn wrote, “the Chancellor is absolutely right.”

The German ban also elicited respect from those in the U.S. Senate who are fighting for reestablishment of the Glass-Steagall Act, especially after Lyndon LaRouche issued a statement on May 19, welcoming the German move as showing a quality of leadership which President Barack Obama and his collaborators in the Senate lack. In the meantime, it seems that similar moves are being studied by Austria, Belgium, the Netherlands, Switzerland, and the Czech Republic.

German Finance Minister Wolfgang Schäuble made short shrift of the critics of the move, in an interview with the May 20 London *Financial Times*, saying that “if you want to dry the swamp out, you don't ask the frogs first.” He went to denounce deregulated markets: “We must regulate over-the-counter transactions, and we must also focus on the ratio of financial transactions to the real exchange of goods and services. They bear no relationship to each other. I understand that we need new financial instruments to cope with the huge financial tasks that we face. But, forgive my saying so, minimum profits of 25% are simply unimaginable in the real economy. It isn't healthy.”

In a statement issued a few hours after the ban went into effect, Helga Zepp-LaRouche welcomed the measure, saying that, “The flipped-out reactions to the decision of the BaFin,” should “serve as confirmation to Chancellor Merkel, that the German government has done the right thing.... It demonstrates that Germany still has a government.”

—EIR Staff



RegierungOnline/Bergmann

German Chancellor Angela Merkel addresses the Bundestag on May 19, announcing the sovereign decision to ban certain speculative financial instruments.



www.wolfgang-schaeuble.de

German Finance Minister Wolfgang Schäuble said of Berlin's decision to ban certain securities: "If you want to dry the swamp out, you don't ask the frogs first."

whether on the health reform (as leading Christian Democratic parliamentarian Friedrich Merz himself said), or on the Lisbon Treaty, which the Members of Parliament had obviously not read: that the parliamentarians have almost no idea about what they are voting on. At least Chancellor Merkel admitted that for her, and for politicians in general, it is difficult to figure out the complex processes in the financial markets, and disinterested advisors are hard to find in the financial sector. To say it a bit more clearly: The representatives of the financial interests lie through their teeth.

“monetary coup d’état,” in which the European heads of state and finance ministers had decided on nothing less than a “genuine currency reform,” which changed the euro into an inflation-prone soft currency, and made all EU members collectively responsible. By purchasing government bonds of bankrupt states, the European Central Bank (ECB) has lost all credibility, the article said.

The same can be confidently said about the German Bundestag and the Bundesrat, which gave the go-ahead on Friday, May 21, for the German share of the bailout package—around EU150 billion—although the euro, completely unimpressed by the mega-package, had slipped from Monday through Thursday from 1.30, to sometimes as low as 1.22, against the dollar. The combination of the mega-bailout package, the ECB’s massive easing of monetary policy, brutal austerity, and the European debt brake, means a disastrous combination of hyperinflation in the tradition of 1923 Weimar, plus Chancellor Heinrich Brüning’s austerity policy of the beginning of the 1930s.

“Tagesthemen” TV news then reported on who was really profiting from the (probably unconstitutional) package—not the Greek population, which is going to have to tighten its belts, but, among others, Greece’s richest banker, Spiro Latsis, whose Eurobank holds EU12 billion in Greek government bonds, and aboard whose luxury yacht EU Commission president Barroso has spent his vacation several times.

Thus, we have the same problem as in previous votes,

They depend upon people’s short memories, just like Obama’s economic advisor Larry Summers, who verbally welcomed the Wall Street-approved version of the U.S. financial reform, saying that if this law had been in effect, the crisis would never have occurred! Summers of all people, who was one of the key people responsible for abolishing Glass-Steagall in 1999! The hyperventilated speeches of the Greens and the Social Democratic Party in the Bundestag, however, were just as duplicitous; what the stony-faced Sigmar Gabriel (SPD) has apparently forgotten, is that it was the Red-Green coalition³ that introduced deregulation of the financial markets and True Sale International⁴ to Germany in 2004.

A Global Glass-Steagall Needed

Neither the EU750 billion package, nor the austerity and budget control measures designed by the European Union, will stop the escalation of the systemic crisis; on the contrary, they are making the situation worse. Only a real reorganization of the world financial system, dealing with the problem at its root, will make it possible to overcome the systemic crisis.

The only real way out is the immediate introduction of a split global banking system—a global Glass-Steagall—protecting the commercial banks, and making

3. Social Democratic-Green.

4. This was the legislation that allowed hedge funds and private equity funds to operate.

loans available for industry, agriculture, and trade, while protecting the people's life savings. Anyone who wants to continue with high-risk gambling will do so at his own risk, and will no longer be able to count on the taxpayers' money to bail him out.

The "creative financial instruments" introduced by U.S. Federal Reserve Chairman Alan Greenspan in 1987—i.e., derivatives and securitization—are as little needed for a well-financed real economy as is currency speculation, which must be prohibited by fixed exchange rates. The current hopelessly bankrupt monetary system must be replaced by a credit system, in which long-term multilateral agreements are concluded among sovereign

states, over two or more generations, investing in such future-oriented projects as infrastructure, the inherently safe high-temperature nuclear reactor, thermonuclear fusion, manned space flight, and other revolutionary technologies, to increase the productivity of the economy and lead to full, productive employment.

For the parties that are represented in the Bundestag, the current economic crisis is evidently too complex, since not one has rejected the EU package on a principled basis. Support the BüSo, the only party which has long predicted the crisis, which knows today how to overcome it, and which has the courage to call a spade a spade.

Italian/Euro Lawmakers Back Glass-Steagall

Muscardini Brings Resolution to EuroParliament: On May 17, Cristiana Muscardini, deputy chairman of the International Trade Committee in the European Parliament, filed a resolution to the parliament, entitled, "On the Advisability of Re-Establishing the Principles of the 'Glass-Steagall Act' in the New Rules To Be Defined To Overcome the Systemic Financial Crisis." It reads:

"The European Parliament, considering the various meetings of the Ecofin and Eurozone member countries to confront the crisis of the euro, which, since January, has lost 14% of its value with respect to the U.S. dollar, [and] considering the previous resolutions on the financial crisis and the need to define new rules to avoid the growth of speculative bubbles;

"A. Considering the function played in the U.S.A. in 1933 by the 'Glass-Steagall Act,' which, in the midst of the 'Great Depression,' protected banking deposits from speculation;

"B. Considering the amendment filed in the U.S. Senate May 6 by Democratic Sen. Maria Cantwell and Republican Sen. John McCain, as an amendment to President Obama's financial reform introduced by Sen. Chris Dodd, modelled after the Glass-Steagall legislation that separated commercial banks from investment banks, preventing the latter from using taxpayer money;

"C. Considering the inadvisability of bailing out

bankrupt banking operations with taxpayer money;

"Invites the Council and the Commission

"1. To consider the advisability of referring to the principles of the 'Glass-Steagall Act' in defining new rules to overcome the systemic financial crisis;

"2. To propose initiatives to reduce the excessive expansion of virtual money and to favor actions aimed at fostering investment for development, the only type of investment that produces real wealth and that can actually contribute to reducing debt."

Italian Parliamentarian Polidori Calls for Revival of Glass-Steagall: The Hon. Catia Polidori, a leading member of the Productive Activities Committee of Italy's Chamber of Deputies, has called for restoring Glass-Steagall. Polidori, from the majority Freedom People party (Pdl), is a former chairwoman of the young entrepreneurs section of the national confederation of small enterprises, Confapi.

"Considering the role of purely speculative financial instruments in the very serious economic crisis underway, we must regulate markets so that finance is at the service of the real economy, not the other way around," Polidori said.

"In light of the debate underway in the US Senate on the financial reform bill and the need to restore the Glass-Steagall law from 1933, I believe it is essential to insist on the primacy of the productive economy, which requires well-defined rules, investment, and protection from the predatory mechanisms which have already caused so much damage. I hope that the vigorous debate which has emerged in the United States will lead to reflection and similar actions in Europe as well, before it is too late for our families and businesses."

The Case for Impeachment Of President Barack Obama

The LaRouche Political Action Committee reissued its call for the impeachment of President Barack Obama on May 22. Here is the transcript of a nine-minute video, presented by Ed Hamler, outlining the bill of indictment against Obama; it is posted at www.larouchepac.com.

1. The Blocking of Glass-Steagall

On Monday, May 17, President Barack Obama met with Rahm Emanuel, and was informed by his Chief of Staff that a number of Democratic U.S. Senators were still insisting on the inclusion of the Glass-Steagall amendment and the restrictions on derivatives in the Dodd financial reform bill. Emanuel had already been engaged in round-the-clock negotiations, over the weekend, attempting to cajole, bribe, and threaten Senators into dropping their amendments, and letting the Dodd bill go to a final vote, unchanged, and without any real attempt to make any effective regulation or reform of Wall Street's total control over the U.S. economy.

In characteristic Nero fashion, the President went absolutely berserk, and demanded that all such Senate insubordination be crushed immediately. He demanded that the Dodd bill be passed, as is, by Thursday [May 20].

Over the course of the next 72 hours, on Obama's orders, Emanuel, [chief economic advisor] Larry Summers, Majority Leader Harry Reid, and Sen. Chris Dodd used every dirty trick in the book, to kill the Cantwell-McCain amendment to restore the Glass-Steagall banking standard, and to also kill the Lincoln-Cantwell amendment, which sought to reverse Dodd's sabotage rewrite of the anti-derivatives measure already in the bill.

While there were plenty of other factors at play, including a swarm of Wall Street lobbyists descending upon Capitol Hill, in a desperate drive to kill every



White House/Pete Souza

Obama's misdeeds surpass the "high crimes and misdemeanors" standard for impeachment; they dwarf even those of Richard Nixon. It's past time for him to go.

effort to strengthen the final bill, none of those factors mitigate against President Obama's own, personal role in virtually committing the United States to its own destruction by sabotaging the implementation of a new Glass-Steagall Act and halting the banning of derivatives. Those two aforementioned amendments were the only prospective good to be welcomed in the otherwise impotent "Dudd Bill." Instead, Wall Street speculators



LPAC videograb

In LPAC's hard-hitting video, Ed Hamler lays out the airtight case for the impeachment of President Barack Obama.

will continue to enjoy the same unhindered protection to destroy the U.S. physical economy, and drive us closer and closer to hyperinflation.

Obama's deeds well surpass the "high crimes and misdemeanors" standard for impeachment. President Barack Obama's crimes dwarf even those of Richard Nixon. Public evidence alone demonstrates that he is leading a conspiracy to subvert Constitutional government, and to impose measures which would result in mass death of Americans, and the destruction of the nation as a whole. His high crimes and misdemeanors, as we will elaborate here, include actions which amount to a conspiracy to commit crimes against humanity, which will predictably result in murder and other atrocities, the promotion of terrorism by ensuring the protection of international terror's largest source of funding; and worst of all, engaging in the active destruction of the future of the United States by cutting funding to its single most important program, NASA.

In light of these facts, President Obama's remaining in the Presidency represents a clear and present danger to the United States, its citizens, and its Constitution. Constitutional means must be used to prevent him from carrying out these crimes.

Therefore, based on his actions to block Glass-Steagall, which is the only measure that's available to us to save the U.S. economy now, we are now re-issuing our call for the immediate impeachment of Barack Obama.

2. The Passage of Nazi Health Care

The second reason Obama has to go, centers on his role in pushing the so-called health reform legislation

President Obama conspired, and acted to carry out, through his promotion of his Hitler-modelled health-care legislation, crimes against humanity, by denial of medical care, and therefore, outright murder of large segments of the U.S. population.

That fact that the health "reform" legislation that was pushed by the President will lead to the denial of medical

care is incontestable by anyone who is honest and knowledgeable about the bill. The chief, stated purpose of the bill was to cut costs. The fundamental premise of the bill is that the American public has been "over-utilizing" medical services, which allegedly do not contribute to improving their health, and this "overutilization" should be eliminated in order to save money.

In addition to denying care to certain categories of the population, the new "reform" also contains numerous measures which will reduce the availability of medical and surgical facilities.

Americans are now subject to denial of medical and surgical care, and to death by starvation and malnutrition, in the name of saving money. Tens of thousands will be slated for death.

For his action to commit this crime against humanity, President Obama should be impeached.

3. The Protection of Afghan Opium

Third, President Barack Obama's treason in Afghanistan, where he is sending American troops to be killed, for the benefit of a foreign enemy.

A series of terrorist bombings aimed against the government of Russia, and the Russian nation, began in late March of this year, with the suicide bombing on the Moscow subway system, killing 38 people, and injuring over 100 more. Lyndon LaRouche, along with a number of military officials, among others, have identified that these terrorist attacks, and terrorist activity in

general, in this part of the world, base their logistical support on the profits made through the Afghan opium drug traffic. The head of the Russian drug enforcement agency, Viktor Ivanov, and U.S. retired Gen. Barry McCaffrey, agreed that, indeed, the greatest threat from the production and trading of opium in Afghanistan, is not only that it is killing more people than even military operations, but that the drug trade had a direct link to the financing of the late March, early April, terrorist bombings.

Furthermore, the evidence is there and very well documented on larouchepac.com, that with the British—under Prime Minister Tony Blair—taking over Helmand province, opium production in Afghanistan soared, fueling the logistical base for international terrorism.

What was, and still is, Obama's policy in that situation? Absolutely nothing! Obama's policy is to protect the opium crops by refusing to cooperate with the nation of Russia to eradicate the lifeline of terrorist activity. Barack Obama's 24-hour trip to Kabul, in the wake of the terrorist bombings in Russia, consolidated his personal stance of complicity, by spending his 24-hour visit scolding Afghan President Karzai for corruption, while he himself failed to make a single mention of the opium trade.

Because of this decision by President Barack Obama, American soldiers are being shot and killed by an enemy that Obama is defending. Obama has adopted a policy where he is sending U.S. troops to be killed by insurgents who are backed by the British policy of protecting the opium production. That decision, tantamount to treason, must be faced with impeachment of Barack Obama.

4. The Takedown of NASA

And finally, the biggest crime, by far, is President Barack Obama's stated intention, to shut down and destroy the NASA program at its root. When you add this to what was already stated here, the line must be drawn, now.

Back in February, OMB Director Peter Orszag revealed a FY2011 budget that was devoid of any real economic investment, proposing that Congress invest essentially nothing in hard infrastructure transportation, nuclear power, rail corridors, water transport, or clean



U.S. Army/Spc. Joseph Wilson

American servicemen, like those shown in this photo, taken in Kandahar May 13, are dying in Obama's Afghanistan war, for the benefit of the British empire and its opium trade.

water. But the shutting down of NASA's manned space exploration, after 50 years of this nation's most important program, was the worst of his terrible concoction.

Since the founding of our republic, the existence of our nation has depended upon surges of science-driven and related increases of the productive powers of labor, per capita, and per square kilometer of our territory. Now, the very means of science and technology by which the existence of our republic had formerly prospered, have been destroyed: step, by step, by step. Our industries have gone, the security of our food supplies has been undermined, and now, the last bastion of technological progress, the space program, is scheduled for obliteration.

The cancellation of manned space flight means the destruction of the future.

So, not only has Obama committed crimes against the current U.S. population, with his rejection of Glass-Steagall, his health reform, and his protection of Afghan opium, but he now seeks to commit the ultimate crime by murdering many members of our yet-to-be-born future generations with the shutdown of our space program.

Impeach Barack Obama

Simply put, the time has come, that President Obama must go, either by his own choice, or by ours. The intention of our Federal Constitution demands this.

The need for Obama's ouster, either by resignation or impeachment, is now an existential issue for both our republic and the welfare of the planet generally.

Obama must go now.

Cantwell: Bill Leaves Wall Street Loopholes

Sen. Maria Cantwell's office issued the following release on May 20.

Cantwell: Dodd Bill Leaves Wall Street Loopholes

Dangerous loopholes would remain in derivatives trading, same loopholes which helped cause economic crisis

WASHINGTON, D.C., May 20—Tonight U.S. Senator Maria Cantwell (D-WA) voted against the Senate version of a financial regulatory reform bill, saying it did not close potentially dangerous loopholes in the derivatives regulations. Unregulated derivatives, Cantwell said, played a key role in creating the worst financial crisis and economic downturn since the Great Depression. The economic meltdown began on Wall Street but hurt Main Street, costing our economy eight million jobs and cutting off investment capital. Cantwell supports complete transparency and oversight of the derivatives market. Even seemingly small loopholes can create structural flaws in the financial system that can cause tremendous damage in the long term as they are exploited by Wall Street.

“While this bill takes much needed steps to help prevent a crisis of this magnitude from ever happening again, it fails to close the very same loopholes in derivatives trading that led to the biggest economic implosion since the Great Depression,” Senator Cantwell said. Throughout this debate I have fought hard against efforts to weaken this legislation as well as to pass language to strengthen it further. But the fact of the matter is, without key reforms in derivatives trading, this bill does not safeguard America’s economy from a repeat of this crisis. It sets up a process for responding the next time we have a financial crisis, but it doesn’t *prevent* this kind of thing from ever happening again. We have to stop these kinds of dangerous activities. We need stronger bans on banks gambling with depositors

money. We need bright lines—like Glass-Steagall—that separate risky activities from the traditional banking system. We need to refocus our financial system away from synthetic bets and get more capital into the hands of job creators and Main Street businesses. There are good, strong provisions in this bill, and I’m proud of the work we did to get them in there, but I fear that without closing the loopholes primarily responsible for this economic meltdown, we are missing the entire heart of the matter.

“I’m not giving up this fight. I intend to continue to work with my colleagues to strengthen the bill even further during the conference process, including taking language from an amendment I have offered with Senator Blanche Lincoln to close this loophole by tightening clearing requirements for trading derivatives. I believe that there is the will in both chambers to solve this challenge to tighten these critical loopholes and protect America’s economy. We must reign in these dark markets and prevent our economy from being undermined by this dangerous loophole.”...

Feingold: Bill Does Not Eliminate Risk to Economy

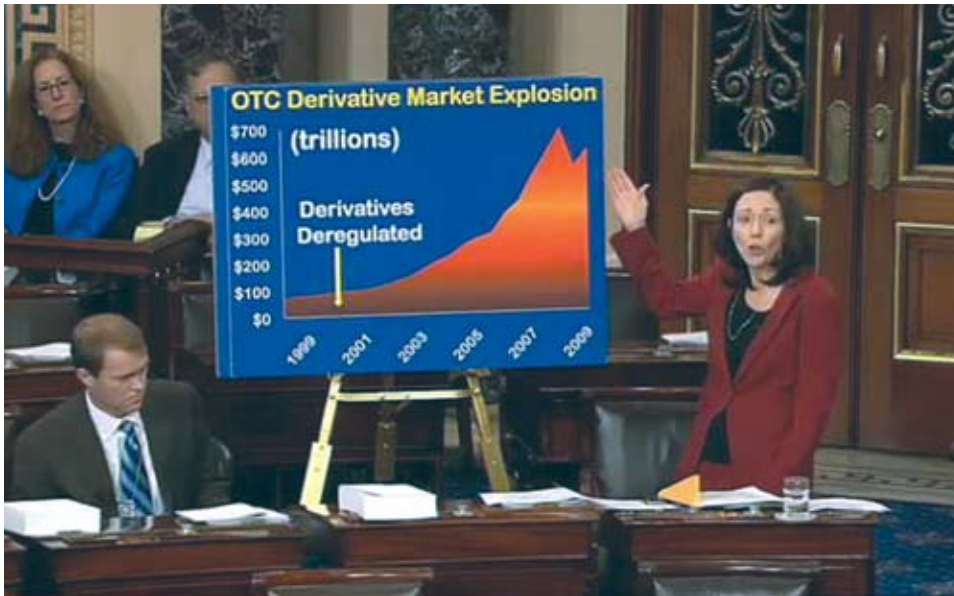
Sen. Russell Feingold (D-Wisc.), a cosponsor of the Cantwell-McCain amendment issued the following statement on the financial regulatory reform bill on May 20.



feingold.senate.gov

Following passage of the Dodd bill, Sen. Russ Feingold stated bluntly, “The bill should have included reforms to prevent another such crisis. Regrettably, it did not.”

The bill does not eliminate the risk to our economy posed by too big to fail financial firms, nor does it restore the proven safeguards established after the Great Depression, which separated Main Street banks from big Wall Street firms and are essential to preventing another economic meltdown. The recent financial crisis triggered the nation’s worst recession since the Great Depression. The bill should have included reforms to prevent another such crisis.



CSPAN

Sen. Maria Cantwell points to the explosive growth of the derivatives bubble since Glass-Steagall was revoked. Her amendment to restore it has been sidelined by the Obama Administration and Wall Street's lackeys in Congress.

Regrettably, it did not.

Senator Feingold's statement on voting "no" on ending debate on the financial regulatory reform bill, May 19, 2010:

After thirty years of giving in to the wishes of Wall Street lobbyists, Congress needs to finally enact tough reforms to prevent Wall Street from driving our economy into the ditch again. We need to eliminate the risk posed to our economy by too big to fail financial firms and to reinstate the protective firewalls between Main Street banks and Wall Street firms. Unfortunately, these key reforms are not included in the bill. The test for this legislation is a simple one—whether it will prevent another financial crisis. As the bill stands, it fails that test. Ending debate on the bill is finishing before the job is done.

Kaufman: Congress Caused Chaos: 'We Repealed Glass-Steagall'

Sen. Ted Kaufman (D-Del.), a sponsor of the Cantwell-McCain Glass-Steagall amendment, told CNBC today May 21, "I am disappointed in the [Senate financial reform].... We have to do something to prevent these very large banks from getting into trouble." The United States must "go back to Glass-Steagall,

which worked for us for 60 years. Glass-Steagall said there couldn't be a commercial bank and an investment bank under the same roof, because commercial banking should be a low-risk, and maybe low return kind of business, and investment banking has always been a high return, because of high-risk, business, and the taxpayers, because of the FDIC, which was in Glass-Steagall, have to guarantee the bank, and that's how we get into trouble."

"I was for having [Glass-Steagall] in the [Dodd] legislation—legislation for generations—like we did in 1933 after the 1929 crash. Clearly,

the will of the Senate was not to do that...."

On derivatives, Kaufman said: "What we have to be concerned about is that American taxpayers will not go through again what we have just been through. Don't believe the markets will go elsewhere."

Asked if he were saying it's all Wall Street's fault, Kaufman replied, "Clearly, it was Congress's fault. We repealed Glass-Steagall. We helped stop regulating derivatives.... The U.S. used to have the highest quality and most transparent markets in the world. Now instead of two regulated markets, we have 50 markets, with many unregulated areas. We are not tagging our trades; we don't know who the customers are. 'Dark pool' is a good name for these things."

Harkin: Glass-Steagall Should Have Been Considered

Sen. Tom Harkin (D-Iowa), in a statement released May 21, stated: "I am disappointed, however, that other amendments in line with Chairman [Blanche] Lincoln's provision [on regulating derivatives] were not included. In particular, Senator Cantwell's proposal to reinstate the Glass-Steagall Act was not even considered. I was one of eight senators to vote against financial deregulation in 1999 that did away with Glass-Steagall. Reconsidering this issue had a place in this debate...."

WHAT YOUR ACCOUNTANT NEVER UNDERSTOOD:

The Secret Economy

by Lyndon H. LaRouche, Jr.

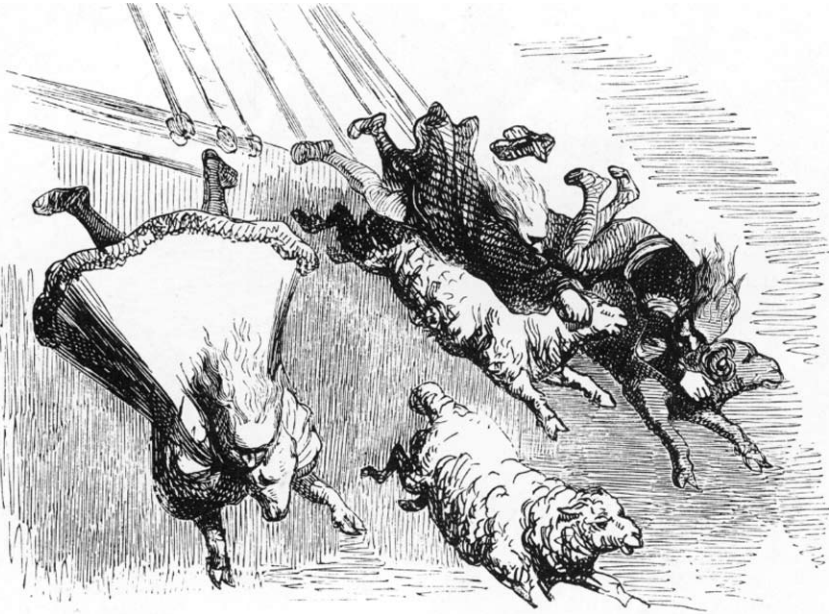
April 17, 2010

A prefatory comment on the implications of the subject of the following report:

*Fortunately, at least a relatively few leading talents among U.S. economists have understood certain essentials of “the how and why” of my uniquely successful record in economic forecasting, that since 1956-57, to the present date. Unfortunately, many other economists have not yet understood this. The root of the failures by the relatively larger number of economists, as shown by virtually all accountants, and all but a few leading economists, is that they are, essentially, worshipful victims of a widely taught delusion, known as **monetarism**: the worship of an imagined monetary “magic of the marketplace,” their foolish belief in money as such.*

*Therefore, the relevant questions include: “What is the secret? Why have most among the world’s presently leading economists, been so stubbornly incompetent, for so long, in matters pertaining to forecasting of the medium- to long-term patterns of net, **physical-economic** development, in both the relevant nation, and in the world at large? Why has the U.S. economy been in a trend of an actually measurable, **physical-economic** decline, actually, since the day after the death of President Franklin D. Roosevelt?”*

The related problem of the present U.S. Federal Government, is, essentially, the same presented by the case of the crazed Roman Emperor Nero: like Nero, our current President, Obama, is feared for the power he wields (however temporarily), although the policies of that British puppet and would-be quasi-emperor, Obama, would, if continued, doom the world as a whole, economically and otherwise. Thus, today, as long as Obama’s ideology remains in office, the delusion called “monetarism” will



have a decades-long record of being a remarkably successful physical economist, an economist for whom the subject of economics is a branch of physical science, rather than what is presented as the popular, monetarist delusions taught and practiced as a failed system of financial accounting masquerading as economics. I know what I am doing; therefore, I must warn, that your nation's survival depends on your understanding these differences now.

Introduction: "On Mere Money"

The remedy for the world's presently onrushing economic collapse, lies, uniquely, in the replacement of the currently prevalent world monetary systems, by a Franklin Roosevelt type of combination of Glass-Steagall standards

The U.S. Congress leaps in the footsteps of the sheep of François Rabelais's Panurge. Said the merchant Dindenault: "Suddenly . . . Panurge threw his sheep, crying and bleating, into the sea. All the other sheep, crying and bleating in the same intonation, started to throw themselves in the sea after it, all in a line. The herd was such that once one jumped, so jumped its companions. It was not possible to stop them; as you know, with sheep, it's natural to always follow the first one, wherever it may go." Drawing by Gustave Doré.

have driven nations, even continents of the world, into the verge of a "lemming-like" self-destruction, as by, most notably the Democratic Party's sheepish majority in the U.S. Congress.

Baaa!

The consequent results experienced in today's trans-Atlantic economy, should suffice to convince those who are still sane, to reconsider those presumptions of British Liberalism which have sent the U.S.A. and the European economies plunging, since mid-2007, into their presently accelerating state of physical collapse.

The U.S. economy could be saved, even at this late stage of its perilous decline, that through the application of the combination of a "Glass-Steagall" reform of the U.S.A., especially if combined with the same cleansing of other leading nations, by the Glass-Steagall method, when it is applied to create a return of leading other nations to a Franklin-Roosevelt form of fixed-exchange-rate system.

Thus, as the result of a decades-long process of virtual ridding of sane U. S. traditions from the practice of our U.S. government, the key to the possibility for saving the United States from total ruin now, is the fact that I

for nations' credit systems within a global, fixed-exchange-rate system. This can succeed, if the implementation of the reform is crafted from the standpoint of an actual, but still rarely-taught, and little known subject: *the physical science of political economy.*

That subject represents a body of actually scientific knowledge which presents, in a unique way, the systemic distinction of the human being from all the lower forms of life. The power of that knowledge, is the source of the effect of the distinction between what V.I. Vernadsky named "the Biosphere," and what he named "the Noosphere."

So, on the same subject of scientific method, as Albert Einstein had shown for the case of Johannes Kepler's uniquely original discovery of the principle of universal gravitation, as in Kepler's **The Harmonies of the Worlds**, all nature is "creative," in what Einstein identified as Kepler's *finite but unbounded universe*, (in other words, inherently an *anti-entropic, universal process*). This means that the individual human being is set apart from, and above all other forms of life, that by the human individual's potential for the role of willful human creativity in producing that special quality of

anti-entropic effect which is to be recognized as mankind's willful quality of superiority over all other known living species.

In the real universe, money as such has no intrinsic value. Money is properly used, not as a standard of real economic value, but, as under our U.S. Federal Constitution, as a convenient medium of, not value, but, the conveying of a form of credit uttered by a sovereign republic, credit which is to be deployed to promote an effect which is intended to be identified as *increased net physical value per capita and per square kilometer of territory for the economy as a whole*. Money, when so defined, performs its proper function only through promoting increasingly productive, capital-intensive investment, per capita and per square kilometer, in both basic economic infrastructure, and in methods of production for the long-term development of the more highly productive, more advanced technologies, as since the mid-Seventeenth-century Commonwealth of Massachusetts operating under its Charter. This means developments which both (1.) *must offset the effects of attrition*, and (2.) *which represent, in effect, a method of discovery expressed as a physical net increase in the human species' expanded power to continue to exist into an unbounded future, as per capita and per square kilometer of relevant territory*.

In other words, the survival of humanity always demands an increase in the level of *energy-flux-density* deployed to the effect of accelerating the increase of the productive powers of labor, and, as the role of chlorophyll illustrates that point in the *upward development of the increased role of the relevant carbon* in the consumption by society. So, today so far, an increasingly silly trans-Atlantic society is disintegrating, that through a virtually mass-suicidal reliance on modes of power confined to low levels of energy-flux density, whereas, despite the follies of those British-controlled Russian influentials whose special interests are rooted, personally, among the contemporary financial pirates of the Caribbean, Russia (otherwise), China, and India, are exemplary of the relatively saner nations, as nations relying, more and more, upon nuclear and thermonuclear power, and vast complexes of modernized infrastructure, and comparable types of very high energy-flux-density sources of power.

That power of creativity on which a society's progress, and even survival, depends, is expressed most clearly in what can be identified as Classical forms of

artistic composition, as this point is illustrated by the role of Albert Einstein's violin in the function of his often astonishingly great, creative-scientific powers, the same creative powers to be witnessed in the case of the adversaries of Einstein, as Einstein's work is to be contrasted there with that depravity known as modern *mathematical positivism*, a positivism typified at its worst by the followers of Bertrand Russell's operations based in the Cambridge school of "systems analysis."

Typical of the anti-scientific depravity of Russell's dupes, is the case of the Laxenberg, Austria-based International Institute for Applied Systems Analysis (IIASA). IIASA is typified by those notable adversaries of a competent modern science: the adversaries of the competent science which, is, itself, typified by the work of exemplary physical chemists such as the U.S.A.'s William Draper Harkins, Russia's and the Ukraine's Academician V.I. Vernadsky, and their like.

Against that background in the matter of "energy policies," my heretofore unique, decades-spanning successes as a forecaster in the field of the branch of physical science known as "physical economy," have depended, essentially, on the impact, upon me, of the revolution effected by a great successor of both Johannes Kepler and Gottfried Leibniz, and also Carl F. Gauss, that Bernhard Riemann who has been the chief instigator of all of the most crucial of those qualitative improvements in scientific method which are notable historically since Riemann's famous, pace-setting, 1854 habilitation dissertation delivered at Germany's Göttingen University.

So, my exceptional success as an economist has depended greatly on the contributions such as those which are to be found in the work of some among the greatest scientific geniuses of the Twentieth Century, who are typified by such as Max Planck, William Draper Harkins, V.I. Vernadsky, and Albert Einstein, all of whom have depended upon those benefits of Riemann's revolution which are rooted in the conceptions of a modern physical science of not "mathematical physics," nor merely chemistry, but a physical chemistry. The work of these figures of science, is based upon that Riemannian revolution's relationship not only to the preceding work which had been accomplished by Carl Gauss, but is to be credited to the emphasis on the role of Classical artistic creativity by Riemann's teacher and immediate predecessor at Göttingen, who had also been Riemann's professor at Berlin, Alexander von Humboldt's special protégé,

Riemann's Crucial Insight

From Bernhard Riemann's habilitation dissertation, On the Hypotheses Which Lie at the Foundations of Geometry, translated by Henry S. White, in David Eugene Smith, ed., A Source Book in Mathematics (New York: Dover Publications, 1959):

It is well known that geometry presupposes not only the concept of space but also the first fundamental notions for constructions in space as given in advance. It gives only nominal definitions for them, while the essential means of determining them appear in the form of axioms. The relation of these presuppositions is left in the dark; one sees neither whether and in how far their connection is necessary, nor a priority whether it is possible.

From Euclid to Legendre, to name the most renowned of modern writers on geometry, this darkness has been lifted neither by the mathematicians nor by the philosophers who have labored upon it. The reason of this lay perhaps in the fact that the general concept of multiply extended magnitudes, in which spatial magnitudes are comprehended, has not been elaborated at all. Accordingly I have proposed to myself at first the problem of constructing the concept of a multiply extended magnitude out of general notions of quantity. . . .

[In conclusion:] This path leads out into the domain of another science, into the realm of physics, into which the nature of this present occasion forbids us to penetrate.



relatively unmatched successes in economic forecasting, were rooted in my early adolescent recognition of the intrinsic absurdity of what is known as Euclidean geometry. The need to supersede that reductionist system of ancient Euclid and comparable cases, by a principle of physical geometry, was, fortunately, first demonstrated for me, during my adolescence, in repeated weekend visits to the Boston, Massachusetts area's Charlestown U.S. Navy Yard. In these visits, my attention was caught, repeatedly, by the way in which the optimal geometry of physical mass, defined a ratio of supporting structure to total mass, for ongoing cases of high-rise construction based on modern steel. The Eiffel Tower in Paris illustrates the same point, by posing the issue of such optimization in construction in a physical space-time defined in terms of the chronology of physical chemistry.²

The methods of long-range economic forecasting which have provided me the distinguishing, later successes of my work as an economist, were based on a perspective rooted, since early 1953, in my

joyous adoption of the method represented by Bernhard Riemann's 1854 habilitation dissertation, a dissertation which is to be read as being the relevant consequence of the leading discoveries by Gottfried Leibniz. On this account, the opening two paragraphs, and concluding single sentence of that habilitation dissertation, are the most notable points of reference for summation of the essential approach to understanding his dissertation's revolution in modern physical science. Those three, selected paragraphs of the habilitation dissertation,³ sum-

Lejeune Dirichlet.¹

At the beginning, all of what have become my own,

1. Since scientific creativity respecting matters of scientific as well as Classical artistic essentials, is rooted in the faculties of Classical artistic composition of architecture, Classical painting, and Classical modes of poetry and music (as distinct from the worse than useless "popular" varieties of today) one must come to an understanding of the relationship of scientific creativity to the fundamental principles underlying Classical artistic composition, such as those of exemplars such as Abraham Kästner, Gotthold Lessing, Moses Mendelssohn, Johann Sebastian Bach, Wolfgang Mozart, Friedrich Schiller, Ludwig van Beethoven, and the circles of Moses Mendelssohn's grandchildren, which included Dirichlet's wife, Rebecca, and her brother Felix. Classical music and poetry are among the most critical sources of inspiration to creative scientific minds, such as that of Albert Einstein, out of the culture marked by the influence of Friedrich Schiller, in Nineteenth-century Germany. This is contrasted to the methods of positivists, such as David Hilbert, and the sterility which is associated with positivist influences on science generally.

2. Filippo Brunelleschi's employment of the catenary as a principle of construction of the cupola of *Santa Maria del Fiore*, is an example of this from the roots of modern physical science.

3. "On the Subject of the Hypotheses Which Underlie the Foundations of Geometry."

marize the clearing away of the rubbish from the field on which the edifice of his profound contributions, based upon the remaining portions of that dissertation, onward, is erected.

As a Matter of Economy

Notably, my first formal forecast for the U.S. economy, was made, in the Summer of 1956, in the setting of my role as an executive of a consulting firm, during a time when I had forecast the near certainty of the outbreak of the most severe recession of the post-war period thus far, as to occur during the February-March 1957 interval, exactly as it did, in fact;⁴ that deepest, prolonged recession of the post-war period up to that time, erupted at exactly that forecast point. Virtually all of my forecasts uttered later, have been of a medium- to long-term character, such as my 1966-1968 forecast of a highly probable breakdown in the existing fixed-exchange-rate system, by “about the end of the 1960s or the beginning of the 1970s.”

The success of that latter method for forecasting, led to the crucial and celebrated Queens College debate between me and the noted Liberal economist Abba Lerner, on December 2, 1971, a debate whose essential features have marked the main lines of the course of the economic history of our United States, from that moment to the present day.

The failures which may be fairly identified as those of my notable rivals in medium- to long-term economic forecasting, have been failures which usually occurred as a consequence of the typical monetarist’s reliance on what continue to be inherently incompetent, “statistical” (“show me the money!”) modes of so-called “market forecasting.”

In seeking the blame for the failures of “market economics,” put special emphasis on the disastrous performance of forecasts designed to conform to the ideologies of such followers of the notorious Bertrand Russell as the Professor Norbert Wiener and John v. Neumann, both of whom the famous mathematical positivist David Hilbert quite rightly threw out of Göttingen University’s program for reason of their manifestly insufferable incompetence. The scientifically farcical work of John v. Neumann and Oskar Morgenstern on economy, is

4. None of my forecasts were ever premised on what is termed “statistical probability,” but on specific elements of trends in adopted policies of practice. The relevant type of argument is: “this will probably happen, if a currently likely policy remains operative.” Those who rely on such foolishness as, “On a scale of ten, . . .” disgust me.

typical of the rubbish which was attacked on this account, during the late 1950s, as by me, and by such among my contemporaries of that time as Wassily Leontief. Such follies of those and other positivists drawn from the ranks of Bertrand Russell’s radically positivist dupes, such as the dupes of the pseudo-scientific cult known as IIASA,⁵ are typical of the lunacy respecting economic doctrines of practice, from the time of the death of President Franklin Roosevelt, to the present date.

What Must Be Said, Repeatedly

The typical failures of my contemporary, putative professional rivals’ forecasting, reveal their blunders, as blunders which find their root in that empiricist presumption by the followers of Paolo Sarpi which permeates modern monetarist and social dogma. That is the dogma which is most frequently associated with the legacy of Lord Shelburne’s lackey, and self-declared hater of our young United States, Adam Smith.

The error of Smith and his like, in particular, was not merely a mistake; it was, and remains, a malicious quality of error of conception, a misconception premised on the doctrine of the notorious Venetian scoundrel and founder of modern Anglo-Dutch Liberalism, Paolo Sarpi. Adam Smith stated his case for Sarpi’s policy most precisely, in his 1759 **Theory of Moral Sentiments**. After the inherent folly of contemporary Keynesians and their like, is taken into account, there is nothing notable in their productions which was not already implicit, as confessed Adam Smith dupe Karl Marx insisted on this, in the argument presented, axiomatically, in the relevant summary presented as an often cited, crucial, single paragraph in that **Theory of Moral Sentiments**.

The incompetent, but nonetheless prevalent teachings of the modern Liberals on the subject of economy, such as those of the Physiocrats who followed the **Tableau Economique** of Deer Park *habitué* François Quesnay and the British Liberal school, as throughout much of a globally extended modern history since, are those teachings based, seemingly almost universally, on that rule set by Paolo Sarpi, as restated in raw terms

5. The Laxenberg, Austria-based International Institute for Systems Analysis, which was spun off from the Bertrand Russell circles in the Cambridge school of systems analysis. Even positivists such as Germany’s David Hilbert could not stomach such Russell-spawned wretches as those of the Russell cult of Professor Norbert Wiener and John von Neumann.

by Smith in that and other locations.⁶

With rare exceptions, it would appear that virtually almost everyone had been lured, so far, into believing in a so-called “physical” doctrine of what is, actually, a form of mere mathematics, a doctrine which is universally absurd, or worse, in the effects of its practice. That folly is to be recognized in a notion which is believed, because it is heard that it is to be believed by any who do not wish to be ostracized from the profession; such is the notion that prevails among a certain class of worshipful dupes who wish to be delivered personal benefits from the hand of predatory authorities in high places. So, it had become the custom of most economists, and their dupes, to tell one another the lie, over and over again, the lie that the proper rules of economy are mathematical-statistical in nature.

In Summary of This Introduction:

The properly decent role of money, is not that of defining “economic value,” but as a medium of assigning uttered credit estimated at a fair approximation of anticipated net physical cost,⁷ in preliminary guess-work, not actual value. This notion of a political assignment of credit was introduced to the world in the guise of a notion from the mid-Seventeenth Century Massachusetts Bay Colony under the direction of Winthrop and the Mathers, that during a period prior to the British nullification of the Colony’s charter.

This conception of credit, which has been more or less unique to the intent of the United States’ Federal Constitution since that time, whenever that law has been observed in practice, has been an essential distinction of the constitutional superiority of the American System of political-economy over the intrinsically imperialistic, monetarist systems of those nations of Europe which have operated under that recent influence of the British empire which has been expressed, especially, by the British monarchy’s rapacious Inter-Alpha Group, since 1971, up through the present day.

6. Considerable effort has been expended in efforts to hide the sheer “kookishness” of the notorious Deer Park’s familiar Quesnay. Quesnay did, indeed, describe some of that structure of the French economy which echoed the creation of a modern French economy under Jean-Baptiste Colbert, but Quesnay’s rationale itself was an apotheosis of kookery, attributing the productive powers of labor to the magical powers inhering in the awarding of the title of nobility to the estate’s proprietor.

7. Including a charge, over incurred direct cost, for sustaining a justified rate of margin for progress of the physical economy as a whole.

Unfortunately, not only our own United States, but the world at large, is presently held in the grip of a deep plunge of the entire planet’s physical economy into a general breakdown-crisis which emerged in that apparent form inside the United States itself, during the late Summer of 2007. This disaster was made possible by nothing more significant than widespread belief in what is taught to the credulous as economics, in schools, universities, and the popular press, still today.

Under the present trends, the trans-Atlantic economies, which are already plunging into what is not merely a terrible depression, but an actual breakdown-crisis comparable to that of Europe in the latter half of the Fourteenth Century, are doomed if present trends in policies are permitted to continue. Although the major nations at the Asian borders of the Pacific and Indian Ocean have a far saner policy, such as that of promoting nuclear power, rather than the radically low-energy-flux-density practices of those foolish representatives of the rapidly collapsing trans-Atlantic group, even the nuclear-power advocates among those nations lack the strength to resist the effects of any continuation of the presently accelerating breakdown-crisis operating in the trans-Atlantic region.

Without the scrapping of that Liberal form of economic policy typified by Adam Smith, there is no present hope for avoiding a rapidly accelerating plunge of the entire planet into a generations-long, planet-wide, New Dark Age for all humanity.

Therefore, the subject of this present report, is the set of principles required for guiding the needed change in choice of economic policy-making principles, a transformation from the presently failed, British-dominated, world monetarist system, to the credit-system of a physical economy in accord with the principles underlying the U.S. Declaration of Independence and the initial terms of the U.S. Federal Constitution.

I. The Science of Physical Economy

To introduce the reader to the core of the principles of a science of physical economy, consider the following.

Since the beginning of the Twentieth Century, the proper modern understanding of the physical principles which underlie a competent science of physical economy, has been most clearly expressed in terms of that

development of a *specifically human* practice of *physical chemistry*,⁸ as by such as, most notably, both Chicago’s William Draper Harkins, and, in a more elaborated form, as premised on Academician V.I. Vernadsky’s scientifically crucial elaboration of the notion of mankind’s efficient role as a species in *an anti-entropically developing universe*. The latter development, that of Vernadsky, expresses the essential characteristic of a universe which subsumes the three sub-spatial domains of the *lithosphere*, *biosphere*, and *noösphere*.

This experimental knowledge is premised upon the revolution in a science of physical chemistry which was introduced as being among the most crucial of the products of the influence of Bernhard Riemann’s 1854 habilitation dissertation. This view has supplied the basis for relevant, essential discoveries of physical principle by such already noted, exemplary figures typified above by such names which I have already referenced repeatedly here, those of Max Planck, William Draper Harkins, V.I. Vernadsky, and Albert Einstein.⁹ The best expression of that domain within which, and upon which the human creative powers act, is the notion of a universe defined by Einstein as Johannes Kepler’s “finite, but unbounded universe,” a definition, which, when considered today, includes the superior universality of an enveloping universal domain of *cosmic radiation*.

The completed picture of that science of physical economy, pertains to the characteristics of the intrinsically noëtic function of those sovereign, creative powers of the human intellect which supersede the more ordinary functions commonly associated with the human brain, functions of that higher form of existence, better identified as “the work of the human mind, rather than the mere brain,” functions which, we should emphasize as being expressions of a willful quality of distinction, a distinction which sets the human species, with its



The lattice-like structure of the Eiffel Tower poses the issue of optimization of construction, “in a physical space-time defined in terms of the chronology of physical chemistry.”

noösphere, absolutely apart from, and above all other known species of the lithosphere and biosphere.¹⁰

Those, just listed, absolute, categorical distinctions of man from higher ape, define man as evidently supreme among known expressions of a universe which is that of what Einstein defined as Kepler’s “finite, but unbounded” universe, a universe which is, already, itself, essentially noëtic overall. Any competent use of the term “humanism,” pertains to the implications of this

8. N.B. The *practice* of physical chemistry is specifically unique to human behavior—e.g., as by V.I. Vernadsky, and does not exist in the known universe otherwise.

9. Notably, this list excludes the functionally corrupt schemes of those empiricists or positivists who are sometimes mistakenly included in such a list.

10. The distinction of the human mind from the human brain, touches the principled distinction of a process of discontinuities, from one of particles. Admittedly, such distinctions do not exist in the opinions of those who have been drilled in the Liberalism of the followers of Paolo Sarpi; rather, such distinctions belong to the domain of *dynamics*, as the latter term was defined, originally and still uniquely to the present day, by Gottfried Leibniz as being an echo of the Classical “Greek” principle of *dynamis*.

set of sundry considerations.

I repeat, for necessary emphasis: any competent approach to a subject of economy, is premised upon these foregoing considerations. These considerations are, in turn, subsumed by the relevant dynamics of the social relations among the persons composing society, as Gottfried Leibniz supplied a modern definition of the ancient concept of *dynamis*, or, in modern terms, Leibnizian *dynamics*, as this is also indicated, implicitly, in the conclusions respecting social behavior set forth in the concluding paragraphs of Percy Bysshe Shelley's **A Defence of Poetry**.¹¹

The characteristic feature of socially relevant human behavior, is the development of human society through what are *ontologically noëtic* changes in individually motivated "mass behavior," as Shelley implicitly defines such a principle of human behavior in the concluding paragraphs of his **A Defence of Poetry**.

These considerations, then present us with two issues as interdependent: **1.)** That the universe is creative, in and of itself; **2.)** That the inclusion of mankind in that universe, as being a consciously creative thinker and actor, provides the additional, unique factor of known *willful choice* lacking in other living species, the creative factor of what are to be distinguished as the specifically creative aspects of the human individual will, as *subsuming the actual development* of what may be otherwise defined as that universe. It is a quality which the existence of a developing set of individuals of humanity adds, uniquely, to change the universe as otherwise defined.

On that same point, the properly conceived, specifically human notion of a conflict between good and evil, is defined by considering the contrasting effects of the promotion or suppression of that benefit of human creativity which is typified, in effect, by the increase of the *applied energy-flux-density*, per capita and per square kilometer, as expressed in the increased physical productivity of societies, per capita, and per square kilometer of territory.

11. The popular use of the term "dynamics," which implies a percussive effect, in incompetent use for music, and otherwise, must be put aside, as intrinsically absurd, and as an effort to suppress the definition supplied earlier by Leibniz. Notably, the shift of the reading of the periodic table of Mendeleev and his followers from the choice of the element or isotope as an object of reference within the updated "table," from the implied notion of the particle, to the singularity of a domain of cosmic radiation, is now the great leap needed for the next step of progress in elaboration of the deeper implications of Mendeleev's great work.

Thus, for example, we must address the case of that fraudulent doctrine for geometry which is attributed to Euclid, a set of dogma which, like the argument of the hoaxster Rene Descartes, denies the existence of the role of increases in the equivalents of "energy-flux density," denials such as the so-called "environmentalist" dogmas adopted in many places today. That fraudulent notion typifies the influence of what is properly regarded, for its effect, as a virtually "pro-Satanic" form of evil.¹²

Thus, the issue just proposed in that manner, has the following, two interdependent aspects.

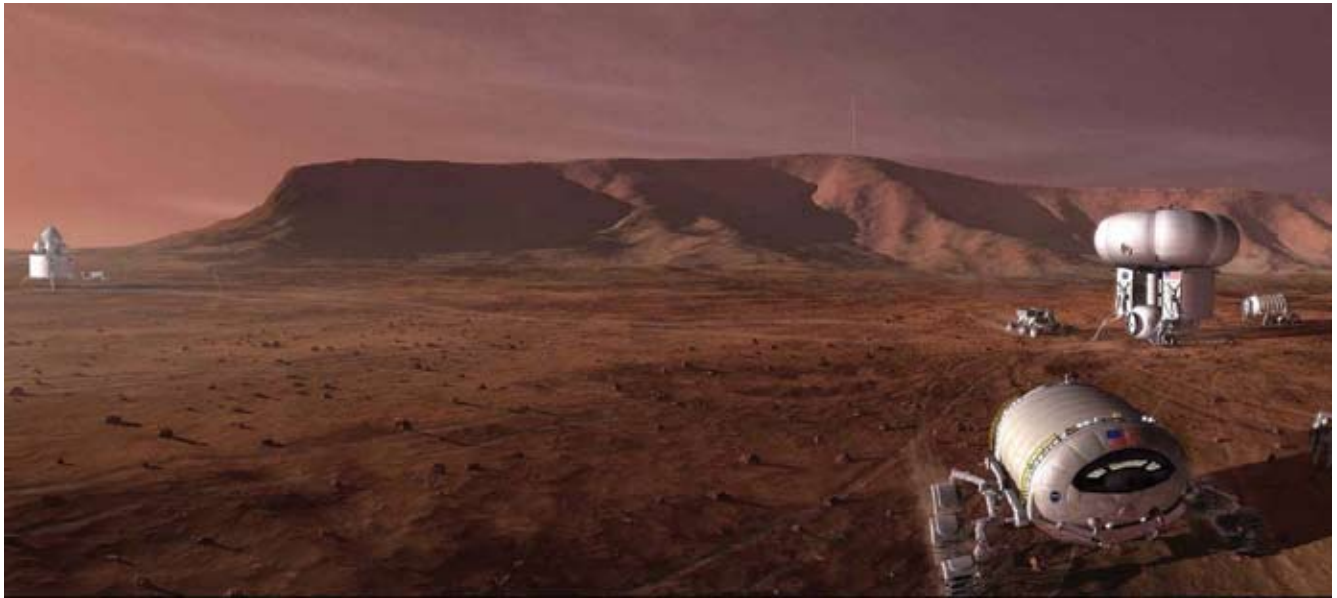
On the one side, we have **1.)** The effect of man's choice of increasing the equivalent of the energy-flux density represented by mankind's relevantly efficient forms of action upon the universe, and, **2.)** The form in which the interaction occurs between the individual mind and the social process in which the individual's action and related influence is situated.¹³

The relationship defined as the interaction between these latter two considerations, is of the manifold character of both the ancient term *dynamis* and Gottfried Leibniz's introduction of the comparable modern conception of *dynamics*, as Plato, in the **Parmenides**, in which he, for example, points out this type of notion which was adopted for modern physical science by Leibniz's famous attack on the thorough incompetence of the work of Rene Descartes and similar followers, such as the infamous Adam Smith's Ockhamite cult of modern Liberalism, *aka empiricism*, or, known otherwise as the cult of *positivism*, which was implicitly founded by the modern irrationalist Paolo Sarpi.

As Albert Einstein emphasized, in his appreciation of the genius of the great scientific discoverer of gravitation, Johannes Kepler, Kepler's universe is always finite, but never bounded, as this fact is consistent with the definition of *an inherently anti-entropic universe*. This means that both the abiotic domain, which is V.I. Vernadsky's *Lithosphere*, as also the *Biosphere*, and the *Noösphere*, are each and all inherently (anti-entropic

12. Notably, that Philo of Alexandria also known as an associate of the Christian Apostle Peter, condemned Aristotle for asserting a doctrine which implied that God had suddenly become permanently impotent once the act of Creation of the universe had been completed. It was from that Aristotelean presumption that the notorious Friedrich Nietzsche composed the slogan, "God is dead."

13. E.g., Plato's ridicule of the paradox of Parmenides. The Parmenides paradox is, notably, expressed by the intrinsic incompetence of all of the modern monetarists (e.g., the positivists).



NASA

The exploration and colonization of Mars raise questions of fundamental science, notably involving the difference between the respective gravitational fields of the Earth, Mars, and the space between them, and the effect on the human crew of ploughing through the field of cosmic radiation en route. Shown is an artist's rendering of a Mars vehicle and the outposts of a Mars colony.

cally) creative; but, only mankind's *Noösphere* is presently known as a *willfully* creative phase-spatial domain.

To illustrate a crucial point, take the following case to be taken as an example, from the attempted colonization of Mars.

For example, there are two cases in which the matter of the standard gravity experienced on the Earth's surface becomes a crucial practical issue for a mankind looking into our future existence within the Solar System. The *first*, is the difference between the gravitation to be experienced by mankind on earth and on the surface of Mars, and that, estimated at about one-third of that on the surface of Earth. The *second*, is the problem posed by considering the effect of what might be presumed to be the standard, nominally low gravitational field encountered in travel by human passengers through both Earth's surface and the field of cosmic radiation defined by the space traversed between Earth-orbit and the gravitation to be experienced on Mars' surface. This presumed, low "standard" gravitational field must be corrected for the presumably required approximation of an Earth-like gravitational field, if we are to consider travel by human passengers of the spacecraft.

So, the effect of cosmic radiation is presented for our attention when we consider the transport of human

beings between departure and arrival in a Mars journey. We require synthesized intensities of the same biological effect as gravitation, which, in turn, suggests ploughing through the field of cosmic radiation associated with the alternate acceleration and deceleration required for conducting such a mode for interplanetary journey by human passengers and crew.

These exemplary cases are to be situated in the same general class of challenges represented by the relationship between the level of development of infrastructure in Earth-based economies, and the net value in performance of production of the means of human individual life on Earth. We must place the two cases, development of infrastructure for physical economy on Earth, and the "infrastructure" required for human travel between Earth and Mars under the common categorical heading of "infrastructure." Therefore, we must apply the case for Mars-Earth travel as an example of the role of infrastructure in defining the productive powers of labor on an Earth-based economy.

That illustration has the broader significance of illustrating the point, in that, in the light of the projectable, ultimate unsuitability of the Earth orbit as a place for what might be presumed to be an indefinitely continued human habitation, we must foresee the need for future mankind's alternative choices of places for continued human habitation. Since, the Solar system itself,

will present threatened, kindred sources of difficulty in a distant future time, we must project the destiny of distantly future, successive generations of mankind accordingly.

As I have used illustrations, previously, as aids to insight into the principled nature of such foreseeable challenges, we must adopt a certain kind of moral perspective for the span of future mankind, henceforth. Essentially, this converges on the challenge of defining future “synthetic” environments within which mankind could live happily, despite the unsuitability of the “natural environment” of a certain planet’s raw system otherwise.

This, of course, demands an increase, by increasing orders of magnitude, of the *energy-flux density* of society’s practice, per capita, far, far beyond those presently at our disposal. We might say, that the work of Academician V.I. Vernadsky brings us to what a future mankind should experience as the sense of a preliminary, relatively primitive kind of advance in scientific knowledge and practice which must be admired today, as a forerunner of the kind of processing of accelerating development of the relative power of mankind, far, far beyond anything presently imagined. We must, therefore, improve our manageable scientific imagination of what those future powers of mankind must become, and, thence, discover what actually does, or does not exist as optimal remedies for the problems posed by our desires, as a species, for improvements within our future universe.

The first among the next steps in that direction will include the future of a return of musical practice to the standard of anti-Romantic, Classical composition from the range of Handel, J.S. Bach, Mozart, Beethoven, Schubert, and Schumann, through such as Brahms. This must be done out of respect for the fact that it is the Classical principle of composition of poetry, music, drama, sculpture, and portraiture, which expresses and nourishes those creative mental powers, including discoveries of principle in the practice of physical science, from the domain of the imagination of the beautiful, the discoveries which are ruined by the habits of such wretchedness as the Romantics and modernists, and the ruin of physical science by the morally dead minds of the deductive/inductive mathematicians of the empiricists and their positivist schools.

The great issue of all aspects of science, including economy is the fact of the general ignorance, even among nominal scientists, of the existence of a univer-

sal principle which is named variously as anti-entropy, or “creativity,” as appropriate for the domains of the universe generally, for all expressions of actually living processes, and the characteristic of all viable expressions of human cultures. Nonetheless, both the principle of creativity, and the distinction of its practiced expressions remain virtually unknown conceptions, even among scientists today, not to speak of economists generally today.

Most among our contemporary economists, and virtually all practice of financial accounting remain utterly ignorant in this matter, ignorant of a universal principle of both science and Classical artistic composition on which the successfully continued existence of society depends today.

II. The Secret of Real Economy

Some would caution me, that anyone writing to present a matter of scientific or comparable principle, as I do here, should state his case without “knocking” the claims of his putative rivals. However, as in such cases of scientific work as, for example, medical practice, or economics, one must not suppress reference to dangerous diseases. Such are the requirements for the subject here at hand.

Contrary to that ancient, delphic creature, Aristotle, and equally contrary to the avowedly unprincipled empiricist (or positivist) dogmas of the modernist devotees of Paolo Sarpi, we must consider the entire universe known to mankind’s experience as actually being inherently “creative” in principle, or, in technical terminology, “*anti-entropic*.”

That means, that all species, whether life-forms or non-living, have come into existence as products of a universalizing process of *anti-entropy*; even what we usually consider as being the so-called inanimate species of existence, are dominated by the role of the force of what is qualitatively anti-entropy, in shaping their own existence. With mankind’s appearance among the creatures of our planet, something absolutely new had been added to the repertoire, that something, the principle of mankind, which might have been copied from the Mosaic first Chapter of **Genesis**: *a principle of creative willful choice of the power of mankind’s power for upward progress, through those new creations made possible by the principled characteristics specific to the human species. This is the concomitant of adopting that*

view of this matter which supplies us access to knowledge of that intention which properly underlies the proper notion of human spiritual immortality.

This idea expresses a specifically human characteristic, but is also, nonetheless, often a systemically rejected notion today; but, despite all that, it is a conception which presents us with the quality which is specific to mankind: *the willfully anti-entropic characteristic attributable as being unique to the human species. Such is the very essence of all of mankind's willful progress in the quality of the intentions and achievements of the human social experience.* Any relative lack of relevant truly universal, scientific principle, such as that lack which is typified by the reductionism of both the Aristoteleans and the positivists alike, typifies the source of that frequently monstrous incompetence which is often still guiding the economies, and also of most of the economists of the world still today.

That much said thus far, that purpose which lies behind this presentation of the concept of "The Secret Economy" which I make here, requires that we shift the basis of the discussion of this subject, up to a qualitatively higher order of conceptions: away from the prevalent folly of judging an attributed economic value to money, to reaching appropriate physical standards for judging the effect of the society's management of money itself.

Therefore, here, I have now switched our attention from economy defined by money, to a qualitatively higher order of conceptions, the physical conceptions which always determine the fate of nations in the longer span of developments. Those are physical conceptions, which are not visible to the mere senses, but are known from the vantage-point of the effects of what has been rarely understood among leaders of nations until now: *the effects of the distinctive, higher powers of the individual human mind.*

I now define that change from the sensory, to the sublime, in the following preliminary terms of "definitions" and the like.

What, Really, Is the Human Mind?

As Adam Smith effectively confessed the wickedness-in-fact of his system, by identifying it, as I note here, as according to the reading of his intentions, as in the most crucial passage within his 1759 **Theory of Moral Sentiments**, so, today, almost the entirety of present-day accountants, economists, and financial and business leaders, affirm their adherence to Smith's de-

lusion. Presently, so far, only the rarest among today's specialists in economic affairs, show even a meager conception of the principled way in which real economies actually function. The results of our accountants and also most putative economists, are to be recognized in the presently onrushing, global economic breakdown-crisis now at full tilt.

Thus, the presently overwhelming majority of certifiable economists, like the intellectually crippled accounting profession itself, presents us with by-products of that same old, widespread delusion embedded in Smith's own lunatic dogma.

So, because of just that habit often traced to Adam Smith, and also the failures of Smith's Marxist followers, the economy of the world today has been on a decades-long course of changes which are directed, in net effect, toward the presently onrushing, greatest collapse in all modern history, of the world's financial and physical economy, alike. Consider the case of Adam Smith in this light.

While Adam Smith's work itself, was a fraud from top to bottom, Smith was, therefore, only perversely "sincere" in his presenting that specific kind of delusion shared among such among his dupes as both an Adam Smith fanatic Karl Marx and our own Wall Street ideologues today. That is to emphasize, what Smith himself wrote in a crucial passage of his 1759 **Theory of Moral Sentiments**.

To wit, we have the following passage:

"... Hunger, thirst, the passion which unites the two sexes, the love of pleasure, and the dread of pain, prompt us to apply [these desires] for their own sakes, and without any consideration of their tendency to those beneficent ends which the great Director of nature intended to produce by them."

Adam Smith, thus, presents us with what is, in fact, the widely accepted, but wickedly incompetent conception of "money," a folly which has been prevalent throughout the world affairs up to this present time.

The popular desire for money as such, or the equivalent, has been, thus, the kind of passion which attaches the typically suggestible, economics-ignorant devotees of Wall and Threadneedle Streets to the delusion that either the means called "money," or a notion of the kindred power to purchase and to consume, is the measure of the political system of values by which a nation, or nations, might be ruled presently. Hence, as history



“Peter Denying Christ,” Rembrandt van Rijn (1660). The Apostle Peter’s actions, LaRouche writes, “should remind us of certain members of the U.S. Congress, and others, who are, unfortunately, not saints, but who, nevertheless, would simply deny the truth actually known to them, not only pending the moment the proverbial cock had crowed thrice, but through the presently darkening night of civilization.”

demonstrates: with most people, most of the time, the result is, that their tendency is, in effect, to impair the quality of judgment which might have otherwise made them fit to rule themselves.

Such a specific form of lack of judgment respecting the notion of “wealth,” such as that of the dupes of Adam Smith, is more the cause of the moral and other disorientation of entire nations than anything else.

Such is the state of mental disarray shown by the supporters of President Barack Obama’s promotion of mass-murderous health-care and related economic policies in the U.S. Congress presently; what might be allowed as the most generous characterization of those misguided creatures in that body, is that they might be considered at least temporarily as “clinically insane.” The result of this is, that the more that they themselves are virtually owned by their belief in what is sometimes termed “the magic of the monied market-place;” the more destructive of society generally, which their con-

duct becomes, in respect to even the subject-matters of what are presumed to be even simple economic facts.

So, as the **New Testament** reported that the Christian Apostle Peter once denied a certain essential truth in fact. He did so in a way which should remind us of certain members of the U.S. Congress, and others, who are, unfortunately, not saints, but who, nevertheless, would simply deny the truth actually known to them, not only pending the moment the proverbial cock had crowed thrice, but through the presently darkening night of civilization.

Consider the case of the Seventeenth-century Massachusetts Bay Colony for as long as it was still free of a direct British dictatorship of its internal economic and associated affairs. Consider that Commonwealth’s development and use of its own currency for credit.

This success was continued until the point in time that that practice was suppressed by the British tyrants who came in to ruin

matters there. *A political system of currency is necessary, but, only, when it is used as a system of credit, rather than being degraded, economically, into a system of assumed value.*

I emphasize the qualitative difference between the presumed economic value often represented by mere money, and real value as expressed by physical economy. *Whereas, monetary systems pretend to measure the value of physical wealth by the notion of money, any competently designed economies today would assess the usefulness of a currency, by the standard provided by what are the intrinsically physical values which can be adduced, best, today, from the standpoint of such paragons of a truly anti-positivist physical chemistry, such as Dmitri Mendeleev, Max Planck, William Draper Harkins, Academician V.I. Vernadsky, and Albert Einstein.*

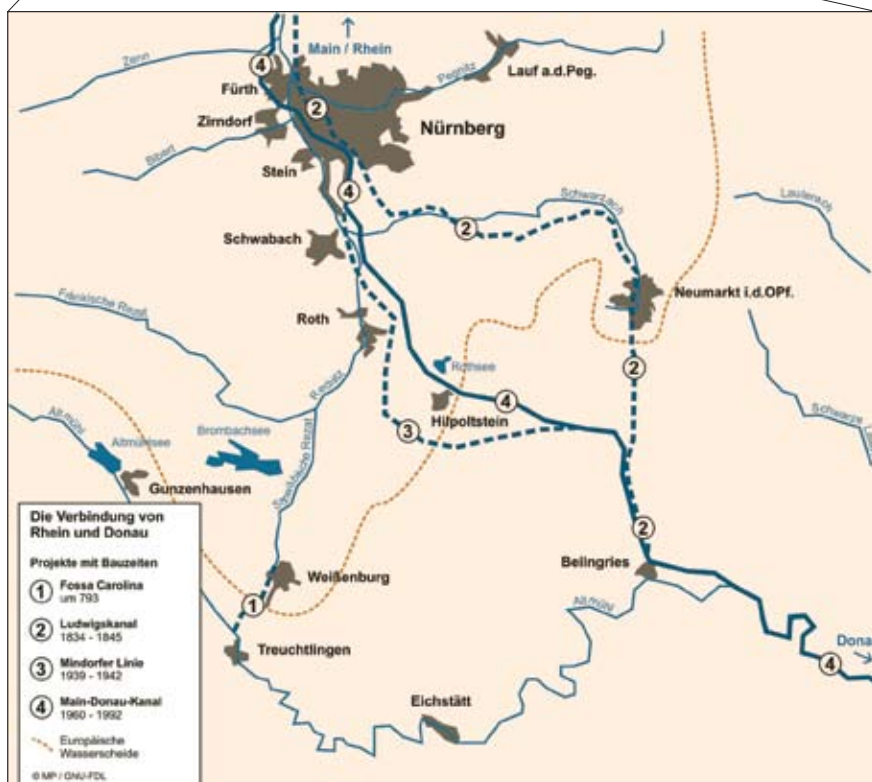
The contemporary developments in the direction of reviewing Mendeleev’s principle for the periodic table

Charlemagne's Legacy: Linking Up the Rhine, Main, and Danube Rivers



Wikimedia Commons/Keichwa

The Main-Danube Canal flows by Fürth-Nuremberg in modern Germany.



Charlemagne's reforms served as the precedent for the development of great internal systems of rivers and canals. The map shows one (apparently completed) section of what he envisioned: the Fossa Carolina canal (circa 793), between Treuchtlingen and Weissenburg, in what is now Germany (#1). The Ludwig-Danube-Main Canal (#2) was commissioned by Bavarian King Ludwig I and completed in 1846. Today, the Rhine, Main, and Danube (Donau) are all connected, permitting inland navigation from the North Sea to the Black Sea. (The light dashed line shows the European Watershed.)

from the relatively more advanced standpoint of a universal system of cosmic radiation, typify the approach which must be developed for a deeper insight into the principles of physical economy today.¹⁴

Consider some historical examples on background,

14. Cf. Peter Martinson, **Towards a New Periodic Table of Cosmic Radiation**, *EIR*, Vol. 37, No. 16, April 23, 2010.

beginning with the case of Charlemagne:

France's Charlemagne had defined the precedent for modern systems of economy. This was expressed in such forms as his great physical-economic census, his system of local national government in crucially significant regional capitals, and his development of his revolutionary systems of inland waterways.

Charlemagne's reforms served as the precedent for

the development and role of the great internal systems of rivers and canals, which provided the crucial steps toward modern European economy and the application of the same reform within our United States. Those inland waterways prepared the leap toward the revolutionary U.S. trans-continental railway systems, first, inside the United States, and, in turn, the transcontinental rail systems of Eurasia.

Now, the prospect of the combined effect of magnetic-levitation mass-transport systems and rail, which will connect the principal continents of the world, would render most ocean transport of freight technologically obsolete, because the modern successor of ordinary internal rail transport will have rendered much of ocean freight-transport technologically, and, therefore, economically obsolete.

Changes such as those, illustrate a general principle which will be expressed in future development of certain nearby Solar-system locations, such as our Moon and Mars, when they will have come to be considered, sooner or later, as having come to be considered, later, as within the bounds of our presently still young, new century's plausible instances of work and habitation. Typical problems to be overcome for the purpose of human transport and dwelling in nearby Solar space—and, later, beyond, must look to such future developments already foreseeable for later in the present century; we should then recognize that the development of basic economic infrastructure had always been a needed creation of what is required as an “habitable” development of a “synthetic,” rather than a presumably “natural” environment for the enhancement, or even the possibility of human life and practice at some time in the existence of our human species.

For example: look back to the approximately hundred-centuries' interval of the Earth's last great glaciation. While some part of the human population had remained mired in the habits of life of some fixed, relatively narrow regions free of glaciation, great transoceanic maritime cultures were also developed. The requirement of a stellar mapping for navigation for the existence of maritime cultures, gave us the stellar notion of the efficient existence of a functional form of an ontologically actual universe, as echoed by such residual artefacts as the great pyramid of Giza, and by the physical science of *Sphaerics* known to the so-called Platonic long cycle and to the Pythagorean predecessors of Plato.

So, similarly, the fact of man's ancient knowledge

and evidence of use of a fireside, as “fire” has been a crucial proof of the existence of the ancient distinction of man from ape, and that of “humanism,” since no later than the bestial-like depravity of the mythical Zeus's proclamation against such physical-science expressions of human progress as the power of nuclear fission and fusion. Man as a creator in the likeness of the great Creator, is expressed by humanity's creation of the “artificial environments” we sometimes call “infrastructure,” on which both the progress, and even the merely continued existence of civilized society depends.

Evil is thus typified by the attempted denial of certain forms of required human progress, such as denial of those measures which define the higher powers of improved basic infrastructure. Always, such progress depends upon mankind's increased power through the effects of what may be generally defined as needed increases in the energy-flux-density of the resources of applied, human-controlled power, as has been the case beginning with the discovery of improved forms of fire, such as the mandatory standard of nuclear-fission and thermonuclear fusion today, together with the progress of astronomy in the direction of man's exploration and prospective colonization in our planet's nearby space.

So, as we develop the means for satisfaction of those production requirements on the Moon which are needed to prepare mankind's escape to other planets and star-systems of our galaxy, from the present, prison-like bounds of Earthly habitation, we must include the need to meet the challenge of lower-ranking fields of gravitation, and the challenge of acceleration-deceleration in interplanetary flight to, and residence on Mars. Thus, we must do for interplanetary Solar space, what the great ocean-going mariners of the last great period of glaciation did in discovering astronomy as a practiced science, together with what Charlemagne did for the development of inland economy in Europe, with what we did in our initial development of the territory of North America, what we did in launching the concepts of transcontinental railway transport in North America, and with what must now be done in our commitment to a virtually continuous global system of transport and related infrastructure, beginning with the development of the Bering Strait railway tunnel. Thence, we must now go on to development of our Moon, and, thence, to conquer the mysteries of transport through the larger domain of cosmic radiation, as for transport to and from and habitation on Mars.

That much said in the course of this present chapter



EIRNS/Fletcher James

The great Renaissance artist and architect Filippo Brunelleschi (depicted here in a bust in Florence) discovered the physical principle of the catenary as the means employed to construct the otherwise practically impossible cupola of Florence's Cathedral, the Santa Maria del Fiore (also shown).



EIRNS/Bonnie James

of the report thus far, I would consider us prepared to plunge directly into the proverbial meat of the goals which I am now in the process of setting before us in this report.

Economics & the Human Mind

In my response to two successive, concluding questions presented to me at the May 8 webcast, I touched upon the most crucial of the underlying principles governing the successful functioning of the higher orders of the human mind. What I reported there, then, did not yet cover the fuller range of what has continued to be virtually unknown territory for most people, even most well-educated ones. However, what I stated on that subject on that occasion, did touch on the outlines of principles underlying the successful employment of the creative powers of knowledge of the human mind.

The reader's point of departure from this point as it will be considered in the next chapter of this present

report, onwards, should also be a reference to the celebrated, and often bitterly contested **Parmenides** dialogue of Plato. For that reason, the problem to be considered there, is, thus, best outlined as follows.

At first estimate, as I proceed there, the human individual's knowledge of the universe he, or she inhabits, including even his, or her own skin, depends upon what is identified as our system of sense-perceptions. Yet, when we might attempt to understand the universe around us, even that which sense-experience presents as within us, none of those species of sense-perceptions, if considered one-by-one, presents us with a provably accurate set of facts about the real world which we might believe that we inhabit. Yet, at first estimate, all that we might believe that we know from such an organization of experience itself, does not yet show us the truth or falsehood of that experience of particular choices among sense-perceptions as such.

Such is the root of the ignorance of all such followers of both Euclid and the Paolo Sarpi of the modern

Liberalism of today's empiricists and positivists. All scientifically competent claims to knowledge must be sought in other ways.

The most useful demonstration of this point which is to be found for modern society, is that presented by two famous students of the works of those founders of modern physical science known to us, first, as the Florentine "Golden Renaissance's" Filippo Brunelleschi who discovered the physical principle of the catenary as the means employed to construct the otherwise practically impossible cupola of Florence's **Santa Maria del Fiore**, and, second, the related, much broader discovery of the essential principle of all competent modern physical science, by Cardinal Nicholas of Cusa. Among Cusa's most notable followers, are included, both the Christopher Columbus who adopted Cusa's injunction to cross the oceans to discovered continents, and the Leonardo da Vinci who presented the function of the tractrix from the catenary-tractrix relationship; but, the most crucial discovery since the work of Cusa, was the founding of all competent subsequent progress in physical science, by Johannes Kepler.

Two features of the process by which Kepler developed his uniquely original discovery of universal gravitation, are chiefly to be considered on this account here. First, *the principle of the elliptical planetary orbits*; second, *the universal principle of gravitation*. The first of these two, is to be considered as the precedent which prepared the way for the latter discovery. All the essential discoveries of these principles which were reported in finely elaborated detail, and, in large degree presented in England, by Kepler's writings, before the hoaxster Isaac Newton had made his silly, and since shown, factually, to have been fraudulent claims in all principled matters of the subject of modern science.¹⁵

The crucial feature of Kepler's work to be emphasized at this moment, is that his uniquely original discovery of universal gravitation can be employed by us today, as showing how we are enabled to escape from that unlit dungeon of the human mind which many among us impose upon ourselves as the habit of reliance on mere sense-perception. It was through Kepler's ironical juxtaposition of the harmonic organization of

the Solar system to the contrasted visual notion of an array of Solar planetary orbits, that he was enabled to solve the riddle for which he has been praised by Albert Einstein: Einstein's judgment of Kepler's work, that Kepler presents us with a universe which is always finite, but never bounded.

To come now quickly to the matter of the significance, for all modern science, of what I have just written here respecting Einstein's grasp of Kepler's genius in these matters, compare Kepler's uniquely original discovery of universal gravitation, by comparing Kepler's achievement with that of Dmitri Mendeleev's definition of physical chemistry's conception of the organization of the periodic table of elements. Or, presently, with the recognition that we must go further, to follow the combined achievements of Mendeleev and V.I. Vernadsky, and as also the related achievements of Einstein and other leading founders of modern forms of anti-reductionist physical chemistry.

As Kepler's discovery of the principle of the Solar system illustrates this point, it was Kepler's successful resolution of the otherwise inescapable contradiction of the visual and harmonic sense of the ordering of the composition of the Solar system, which exemplifies the freeing of the human mind from the prison-like boundaries of a system of separated individual types of sense-perceptions.

No human sense-organ, nor scientific instrument, presents us with a truthful representation of our experience of the universe. It is, rather, the conjunction of mutually contradictory kinds of sense-perception, both those given us at birth, and those supplied as scientific instruments, which leads us to the discovery of relatively universal experimental truths.

Not merely that. The great fallacy of customarily believed notions of economy today, is the popular delusion to the effect of the presumption that the value of the products of human endeavor could be reduced to such an intellectually and morally degraded sort of misrepresentation of social realities, a misrepresentation of the type which would tend to prompt us to presume that statistical monetary phenomena are a tolerable measure of relative economic value. On that account, Adam Smith's and today's "Gospel according to Saint Lucre" is truly a worship of filthy lucre, and even much worse than that, as the history of so-called "money-economy" attests so richly. A moral standard of scientific, rather than monetary truth, is required, instead.

Such considerations as these just presented by me

15. No actually factual proof of anything contrary to what I have just written on this matter has ever been presented, or proven in any way. There are only professors and other opportunists who have chosen to "sing bad tunes for their suppers." Unfortunately, such opportunists are abundant among academics still today. Despite them, historical facts of science remain facts.

here, point to the crucial significance of Plato's **Parmenides** for the training of the competently developed scientific mind today. In brief: true science begins with the mastery of the contradictions inherent in what are otherwise inherently false, simple interpretations of what we know through raw sensual experience, one at a time.

Therefore, next, we must take into account the difference between what most people, mistakenly, believe that they know from the brain's relationship to sense-perception as such, as compared with the more advantageous, higher standpoint of the mind's superseding the "level" of sense-perceptual experience through reaching the standpoint of universal physical principles, such as that I have often pointed toward by references to Brunelleschi, Nicholas of Cusa, Kepler, Gottfried Leibniz, Bernhard Riemann, et al. The latter of the two contrasted vantage-points, sense-perception versus the superseding vantage-point, is that which I emphasized in the two concluding replies to questions referenced above.

III. Dynamis: Your Brain, Or Your Mind?¹⁶

It should be no news to any among you, that the great majority among presumably literate citizens of Europe and North America, still, today, in particular, associate the location of the individual's personal identity, mistakenly, within the domain of sense-certainty. It should be no news to any among you, that the great majority among presumably literate citizens of Europe and North America, still, today, in particular, associate the location of the individual's personal identity, mistakenly, within the domain of sense-certainty.

That notion is associated with what is often a pathological quality of belief in, alternately, the choice among variable money-prices of objects, or the object identified with a relative value measured in terms of some specific kinds of objects, or experiences. The problem with that fact is, that as long as that traditional notion of standard for behavior persists, nations and their populations remain far worse than poorly equipped to cope, emotionally, or otherwise, with the kind of already ter-

16. Cf. Gottfried Leibniz, "Specimen Dynamicum," **Gottfried Wilhelm Leibniz: Philosophical Papers and Letters**, Leroy B. Loemker, ed. (Kluwer: Dordrecht, 1989).

rible, and worsening physical-economic situation in which they live, under the wildly galloping, worsening world crisis of today.

The custom of associating values of widely assorted types with money-values, is the notable result.

The root of this kind of self-inflicted danger to the credulous believers in such money-systems, either as a society, or, of some class of the members of societies, is that they continue, stubbornly, to associate human identity of persons with the reductionist's notion of the human brain and the experiencing of its presumably associated sensory apparatus.

That kind of assumption is the prevalent, grave error in the presumption, on which the folly of what is still generally accepted as "axiomatic" notions of value, is premised. Such are the presumptions on which most of today's economists and popular opinion, alike, have still been premised, often to obviously disastrous effect.

This pattern has been the known case since the inland imperial systems of the ancient Middle East, up through the global maritime empires of modern time. With the shift to maritime systems centered in the Mediterranean, in particular, a new, maritime pattern has become dominant in the European and trans-Atlantic cultural experience, over the millennia since the Trojan and Peloponnesian wars, in the world at large today: the dominant influence has become those imperial maritime traditions centered, in origin, within imperial forms of maritime cultures, a sometimes kaleidoscopic-like evolution which has come to be centered, since Europe's "Thirty Years War," in the emergence of the British Empire, up through the present date these lines are written.

Against that background, consider the naivety of the credulous, respecting those historically relevant, proper, higher functions of the human mind which they have failed to learn to control; they remain unable even to recognize the existence of those usually obscured, but available means, by aid of which they might regain control over the crisis-ridden destinies of their nations, and of themselves. So, since the Trojan and Peloponnesian Wars, what has become the dominant role of what we call European civilization, has been the handiwork of empires which have ruled their world through orchestrating murderous wars and conflicts, such as the follies of Europe's Thirty Years War and Seven Years War, and two so-called "World Wars," and such as the utter folly of President Obama's Afghan War, and the prospective attack by a London-puppet Israel against Iran, all wars with kindred effects among the befuddled

ranks of subject nations and peoples.

The irony of this historical situation has been, that both the brain and associated sensory apparatus which are expressed by the adoption of such systems of values, even the presumed relative values of human beings, are considered as being merely sense-objects in and of themselves.

For example, consider the history of Europe and the U.S.A. *since the death of U.S. President Franklin Roosevelt, whether the assessment, from time to time, has been that the U.S.A. appeared to be in a state of growth, or recession, the fact is, that when value is measured in the trends over this entire interval, the physical-economic level of the U.S. economy has been consistently in a continuing process of measurably long-term physical-economic decline!* Thus, for example, there has been a continuing net decline in the physical-economic basic economic infrastructure of the U.S.A. since approximately 1967-68, a decline, such as that under British Prime Minister Harold Wilson's two terms, as masked for the edification of the pitifully credulous by the fraudulent doctrine of "creative destruction" which has been taught to the silly by Joseph Schumpeter.

The crucial proof which should have warned economists that the presumption behind that still popular opinion about money, is an error, is to be recognized in the evidence, respecting the Leibnizian principle of dynamics, supplied by a set of cases from both physical scientific knowledge, and from the Classical artistic composition which such celebrated poets and composers as England's Percy Bysshe Shelley identify in the concluding part of Shelley's own **A Defence of Poetry**.

That is the same point made by Gottfried Leibniz, over the course of more than several crucial works uttered on this specific subject-matter during, chiefly, the 1690s, in the course of his defining the only rational meaning given by anyone, to the subject of the role of *dynamics* as presented by him in defining the actual principles of modern physical science.¹⁷ The best choice of an illustration of the principle commonly expressed by these given cases, is Albert Einstein's characterization of Johannes Kepler's uniquely original discovery of the principle of gravitation, as in Kepler's **The Harmonies of the Worlds**.¹⁸

17. Ibid.

18. Notably, exhibiting the characteristics of a system which is, in respect to all its internal revolutions, akin to the funicular curve (catenary) on this account, *always universally* finite, but not externally bounded.

The issue which I have posed here in the opening remarks of this present chapter, is not the possibility of taking advantage of some trick to be learned in school, or, by some correspondence course, or a gain of influence in society through a series of U.S. "Dale Carnegie" sessions. To avoid yet another round of such follies as those which I have just referenced, the higher powers of the human mind which might be made the common prowess of human beings generally, must be recognized by aid of the special form of scientific argument which I shall now preface in the course of this present chapter.

The Gravity of a Kepler Discovery

That said, therefore, now come directly, from the immediately foregoing, introductory discussion in this chapter thus far, to the crucial, underlying question to be posed to all economists: *What remains of a valid discovery of a universal physical principle of the universe, at a time when the physical brain of the unique individual discoverer of that universal principle no longer exists within this contemporary universe?* To begin this chapter's exploration of that matter, turn to the example of Johannes Kepler's uniquely original discovery of the general principle of gravitation, treating this as a point of departure, from which the reader should be able to build up an understanding of the notion of the relevant principle of physical economy which this question poses.¹⁹

Begin that exploration, most appropriately, as a matter of background, with the implications of the discoveries by Kepler for all competent expressions of modern physical science, still today. Out of this examination of the facts of the matter, find the answer to the question: *What is the human mind, really?*

During the recent period of several earlier years, relevant fresh exploration of Johannes Kepler's discovery of the principle of universal gravitation, had been re-examined by our association in a more thoroughly rigorous fashion than is to be found elsewhere in the usually recommended, contemporary scientific literature on that subject today. That was accomplished during a several years span of rigorously scientific reports produced by, chiefly, two successive team-efforts, each covering a phase of the subject from the premises of our

19. See my extended replies to the concluding two questions of the May 8, 2010 LPAC Webcast, for a relevant complement to the argument presented here.

Round Hill “basement”-area.²⁰ The first stage of that discovery by Kepler, had led to defining the physical principle of “equal areas, equal times” governing the elliptical pathway of the orbits of Mars and Earth. That study prepared the way for the more challenging second task, in which the team defined the physical principle of general gravitation, step by step, exactly as Johannes Kepler had already succeeded in doing.

Among other benefits, this work on Kepler’s own original discovery also showed, for example, why the erring reductionist Pierre-Simon Laplace had not only failed the course, but, worse, had ended up with his terribly embarrassing failure expressed by his being mired in his infamous “three-body” paradox.

Laplace’s error on this account, had been his blundering, systemic failure to accept the already existing, unique solution represented by the already available scientific knowledge of Kepler’s unique successes in the discovery of gravitation. That is the discovery by means of which Laplace might have avoided a great embarrassment to his reputation. Even still today, Kepler’s proven discovery is not only unique, but has also been a solution in the continuing tradition of such founders of all competent modern science as Cardinal Nicholas of Cusa, respecting the foundations of modern physical science generally. Study of this case of the failure of Laplace, helps us to understand more clearly the political reasons why Kepler’s discovery of gravitation presented in Kepler’s **Harmonies**, is not grasped competently by the positivist tradition to the present day.²¹

Laplace’s state of intellectual, ontological numbness, was no mere matter of an academic oversight. Laplace, like Abbé Antonio S. Conti earlier, or Jean le Rond d’Alembert, Voltaire, Leonhard Euler, and others of similar bent, such as Laplace’s accomplice Augustin Cauchy,²² was a fanatical follower of the radical cult of

Paolo Sarpi’s Ockhamite Liberalism, and a key figure in what emerged later as the promotion of the Nineteenth-century Liberals’ cult of mathematical positivism. Whereas, competent modern physical and related science was generated by such pioneers as Brunelleschi, Nicholas of Cusa, Johannes Kepler, Pierre de Fermat, Leibniz, Jean Bernoulli, by the Ecole Polytechnique of Gaspard Monge and Sadi Carnot, and by Carl F. Gauss, and Bernhard Riemann.

As Albert Einstein emphasized, it had been Kepler’s comprehensive discovery in **The Harmonies** which has provided the seminal foundation of competent physical scientific method since that work by Kepler, such as the uniquely original discovery of the calculus by Leibniz, and the development of the principles of elliptical systems by leading contemporaries of Carl Friedrich Gauss. It was such followers of Cusa and Kepler as Gottfried Leibniz, Abraham Kästner’s pupil Carl F. Gauss, Lejeune Dirichlet, and, especially, Bernhard Riemann, who established those foundations of the modern science traced to such outcomes as those of the work of Max Planck, Albert Einstein, and the principal founders of modern physical chemistry, such as Dmitri Mendeleev, William Draper Harkins, and Academician V.I. Vernadsky. It is that latter “school” in modern physical science which is prominent in any principal argument to be made on the principal subjects addressed directly, or implicitly, in the course of this present report.

That much said, now return to focus attention on the crucial methodological feature of Kepler’s solution for the defining of the Solar multi-planetary system.

The History of the Issue

The key to that discovery, as Kepler laid out the case in a thorough fashion within his **The Harmonies**, is

20. Very few from among the Twentieth-century physical-science university graduates, even from among the ranks of leading academic specialists in physical science, have ever actually worked through that material in a competent way as my relevant associates’ “basement team” had done. The case of an attempted, but caught-out counterfeiting of the basement team’s work, is notable on this account.

21. There are still leading universities in the world today, in which the corrupting influence of a mis-education of leading professors of physical science, especially the positivist fanatics, still teach their students wildly reductionist gibberish on the subject of Kepler’s great discoveries.

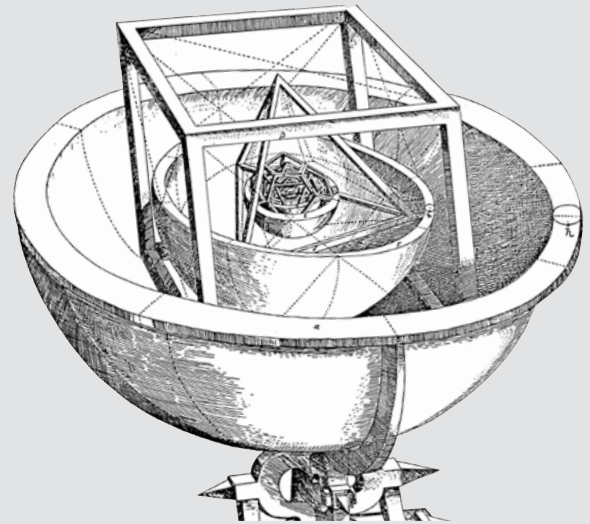
22. With the final military defeat of Napoleon Bonaparte, the military hero of France’s defense against the occupying Habsburg coalition, had been “the author of victory” and candidate for President of France to supersede Napoleon, Lazare Carnot. Carnot was replaced, on orders

from the British and Vienna Congress occupation authority of the Duke of Wellington. As a by-product of this set of actions by Wellington, the world’s then leading scientific institution, the Ecole Polytechnique was taken over by British-sponsored agents Laplace and Cauchy, and the leaders of French science, Monge and Carnot were not only expelled, but the scientific training program was taken over and polluted by the occupying alien forces. As a result, the Alexander von Humboldt who had been a fellow-member of the Ecole with Lazare Carnot, came to science’s rescue, by unleashing the effort to move the legacy of the original Ecole to Germany, during the late 1820s. Under this arrangement the patriots of the Ecole continued their work through cooperation with the international circles, including leading U.S.A. science circles themselves associated with such outstanding figures as Alexander Dallas Bache, and closely tied to Carl F. Gauss and Alexander von Humboldt.

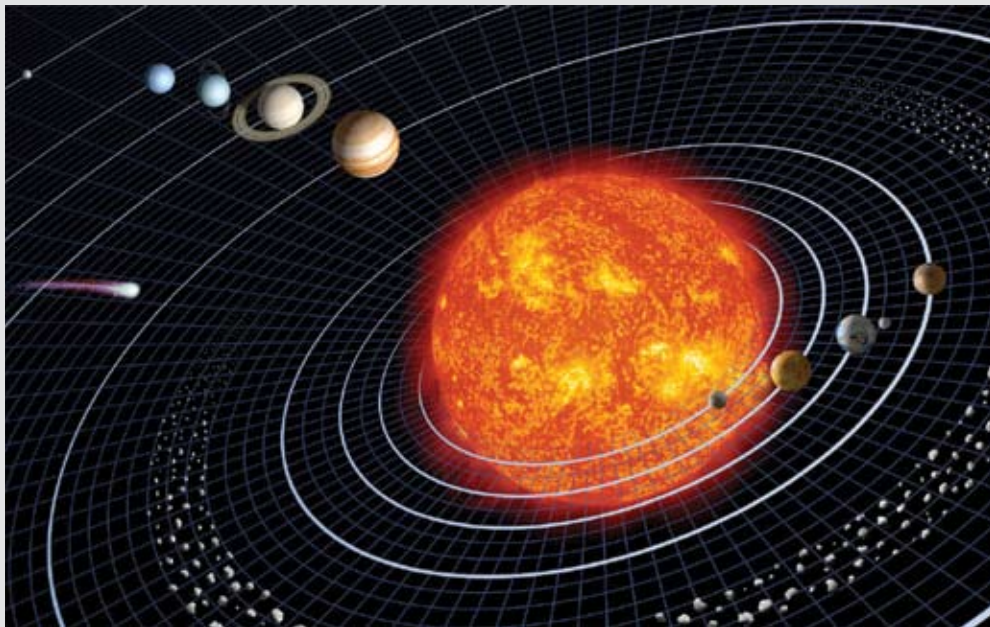


Johannes Kepler.

Right: Geometrical model of the solar system as nested Platonic solids, from "Mysterium Cosmographicum." Above: Harmonic relations of the planets expressed in musical notation, from "The Harmony of the World."



The key to Johannes Kepler's discovery of universal gravitation and the planetary orbits was his emphasis on the conjunction of two, contrasted human sense-organisms: sight and the harmonics of sound.



NASA

Kepler's emphasis on the ironical, systemic conjunction of *two, contrasted human sense-organisms, sight and the harmonics of sound*, a conjunction which was the unique basis for the original discovery of universal gravitation as made, initially, by him.

It must be emphasized, that Kepler never, as some have alleged, repudiated, but only superseded the starting-point of his initial hypothesis respecting the Solar system's organization, in noting that the ordering of the planetary orbits with respect to the Sun strongly sug-

gested the provisional hypothesis that the ordering corresponded to the series of the Platonic solids. Rather, he had discovered, in the course of his **The Harmonies**, that no single sense-organ could define the set of orbits, but only a systemic contrast of vision to the harmonical order of hearing. Kepler refined his reading of the Platonic ordering by his later discovery of a still higher physical principle which answered the question: "Why were the planetary system's orbits arranged in this way?"

To sum up the problem which this fact of the originality of Kepler's discovery poses for the contemporary reductionist fanatic among academics, as for others, the issue is, still today, the menacing combination of the succession of Kepler's two central discoveries respecting the organization of the Solar system. This role by Kepler, represents, still today, an implicitly fatal blow against the reputations of the two principal rival systems of world-outlook, the first, that of Aristotle (and his follower Euclid) and the second, that of the founder of modern empiricism and positivism alike, Paolo Sarpi. This is the Sarpi from whom all generally accepted, but utterly incompetent notions of principles of economy in use today have been derived, such as that of Adam Smith, of the Russian IIASA dupes of Bertrand Russell's school of Cambridge "systems analysis,"²³ and, of the positivist fanatics, who insert the numbness of their intellects into the idea of number.

The History of the Conflict

The history of the conflict between the followers of Brunelleschi and Cusa, on the one side of modern science, and the modern batches of empiricists and positivists collected under the banner of the image given to the actually silly, and fruity, but extremely unfruitful Sir Isaac Newton, is a reflection of that cultural revolution, known as modern Liberalism, led by Paolo Sarpi and his Leporello of pseudo-science, Galileo Galilei. Typical of the opposition to these hoaxsters of Sarpian Liberalism was the case of Pierre de Fermat, whose original discovery of the principled implication of refraction, had an additional, crucial outcome in the later collaboration of Gottfried Leibniz with Jean Bernouilli in developing the principle of universal least action.

The principal targets for initial attempts at destruction of existing science by the circles of Sarpi and Galileo,

23. E.g., IIASA (the Laxenburg, Austria International Institute for Applied Systems Analysis).

leo, were the circles of Nicholas of Cusa and Cusa's follower, that great giant intellect among the followers of Cusa, Johannes Kepler. The setting of this attack is located in the coincidence of the span of the births and deaths of Kepler (1571-1630) and Sarpi's virtual "Leporello," Galileo (1564-1642), respectively. Not only were the two cases historically parallel, but Galileo's relationship to Kepler was that of spying against him in Sarpi's interest, using Kepler's active correspondence, on the subject of music, with Galileo's father Vincenzo, a coincidence which afforded a spying Galileo Galilei the opportunity to spy on Kepler for the purpose of launching an attack intended to contribute to discrediting him by aid of frauds perpetrated against Kepler's scientific achievements, as this was done by Galileo himself in his capacity as an leading agent of Paolo Sarpi.

The larger significance of these developments is rarely understood, even among relevant professionals today. In point of fact, the issues were posed, on the one side by the great Renaissance scientific revolution launched, most notably, by Brunelleschi and Cusa, and by Cusa's followers, and, on the opposing side, was the modernist Liberalism of Paolo Sarpi. Isaac Newton was, essentially, merely a concocted, pseudo-scientific hoax created in the interest of the Liberalism of Sarpi and his lackey Galileo. The connection was that maintained through the adoption of Galileo follower and fanatical Cartesian, the Abbé Antonio S. Conti notorious for the creation of the ill-deserved scientific reputations his own lackeys, such as Isaac Newton and the hoaxster and Leibniz-hater Voltaire.

We shall return to the subject of Kepler's significance for the study of the deeper principles of the human mind, in the next chapter of this present report.

The Root of Modern Political Economy

Now, proceed to re-examine the definition of the actual human mind from the standpoint of the most relevant aspects of physical science, especially a physical science of economy. The following, interpolated information, on background, is essential for providing the setting of the argument to be made respecting what may be titled "A View of the Real Human Mind In the Real World of Today."

In any well-known history of a European civilization's new attempts at science since the death of Plato, the notion of science is to be recognized as centered on a conflict among three mutually exclusive alternatives

in choice of underlying, presumed universal physical principles, as follows.

The first member of this designated series, taken from that relative antiquity, is the Delphic cult of Aristotle; the second, in opposition to the Aristoteleans, is best identified as represented by the work of the Florentine Renaissance of Filippo Brunelleschi and Nicholas of Cusa; whereas the third, is that of the irrationalist school of Paolo Sarpi and of the set of his radically reductionist, nominally empiricist or positivist followers. The mutual differences among these three categories, are not matters of approximation; they are essentially systemic.

Nevertheless, it is to be both noted and emphasized, that Brunelleschi and Cusa, taken as representing successors in working through the development of a single experimental conception, represented an escape from the decadence of, in particular, what had long been the Aristotelean school, to return to not only a return to the most advanced scientific outlook of the pre-Aristotelean science of the Pythagoreans and their like, such as that of Plato, but, also, to bring on a qualitative advance in respect of underlying principles of physical science which went beyond the noble achievements of some of the pre-Aristotelean thinkers.

The crucial, common point of distinction of both the work of Brunelleschi and that of Cusa, had been the coincidence of their discovery of the essential content of modern European science, which was the discovery, initially by Brunelleschi, of the use of the principle of what would come to be understood as the catenary (or, “funicula”), as a critical principle of feasibility in construction, a discovery by Brunelleschi whose fulsome recognition would be specific, later, to the combined achievements of Gottfried Leibniz and his collaborator Jean Bernouilli. For our purposes at this immediate point in this report, it is sufficient to enter the following note on the subject of the catenary, the principle on which Brunelleschi depended for the feasibility of the construction of the cupola.

The catenary is to be recognized as *a physical curve*, as distinct from the ordinary, a-prioristic reading of the curves known to Aristotle or Euclid, or the relevant failure of Sarpi’s advocate Galileo.²⁴ The earlier mystery,

24. The fraudulent, and utterly failed attempt to identify the catenary by devotee of Paolo Sarpi, Galileo, is notable as an exhibition of the systemic incompetence of the methods of the modern empiricists. All of my own early insights into physical science date from a relevant set of experiences at the age of 14-15. Thereafter, I always regarded Euclidean geometry as being intrinsically incompetent on these premises.

prior to the work of Leibniz, as associated with the attempts to define what came to be known as the catenary, was itself an essential by-product of the incompetence of the influence of the *a-prioristic* presumption of such as Aristotle and the Euclidean, the presumption that geometric forms, therefore, should be defined as an expression of a form extended to “infinity.”²⁵ Gottfried Leibniz, working in the beginning of the Eighteenth Century, introduced a crucial difference, to the effect that the catenary belongs to *a physically finite, but unbounded* domain of action. Hence, the origins and the authority of the Leibniz-Bernouilli principle of least action.

Although that distinction was unique to Leibniz and his immediate associates, especially the associate Jean Bernouilli, the yearning for the same principle had been expressed already in the work of both Brunelleschi’s design of the cupola for Florence’s **Santa Maria del Fiore**, and in Cusa’s principal scientific works beginning with his **De Docta Ignorantia**. The discovery of the physical principle which was also expressed by the catenary, was not the only relevant feature of the great impact of the successive achievements of Brunelleschi and Cusa at that time; rather, that principle typified the world-outlook spread by such as Brunelleschi and Cusa, that as reflection of the setting of the work of the great ecumenical Council of Florence. This set of conceptual foundations for both modern science and for the design of the economy of the modern form of sovereign nation-state, was spread from Cusa, explicitly, through such as France’s Louis XI, England’s Henry VII, and Christopher Columbus, and through such followers of Cusa as Leonardo da Vinci and Leonardo follower Niccolò Machiavelli.

The combined effects of the works of science and related statecraft of Brunelleschi and of Nicholas of Cusa, expressed the inclusion of principles of organization in statecraft which had never existed within post-Plato European civilization earlier. The effect of the revolutionary change expressed, chiefly, by the impact of the work of Cusa, produced a specific kind of effect which is best symptomized by the innovations in military and related statecraft featured in the writings of the follower of Cusa’s follower Leonardo da Vinci, and the participant in the defense of the sov-

25. Galileo’s claim to have discovered the secret of the catenary was simply a fraud.

ereign republic of Florence, Niccolo Machiavelli.²⁶ This revolution in statecraft which found its concentrated expression in the work of Machiavelli, stood as a great strategic rock against which the reactionary forces of the Habsburg tyranny had wrecked themselves in the course of the storms of religious warfare of the persistently recurring, 1492-1648 orgy of religious and related warfare.

The results of this had included the catastrophic failure of the Council of Trent. That failure, which was, in effect, chiefly the failure of the older (“Aristotelean”) party of imperial Venice, a failure expressed as the practical political-strategic outcome of the Council of Trent. This was the failure which cleared the pathway for the rise of the new design of Satanic forces from within that oligarchical party of Venice then led by Paolo Sarpi. The popular name for that evil, New Venetian Party, still today, is the Anglo-Dutch variety of Liberalism presently typified by the British empire of today, that currently under the typical guise of the Queen’s banker Lord Jacob Rothschild, et al., as typified by the implicitly bankrupt, presently hyper-inflated Inter-Alpha Group.

There are, of course, original features in the development of that British Empire of today, but, at the same time, that British Empire is only a new variant among a series of imperialisms defined as a product of the same system of a maritime cultural form of originally Delphic, Mediterranean-centered imperialism which emerged from the ruin of ancient Greece in the Peloponnesian War.

With the birth of what became the British Empire, as through the course of the British East India Company’s triumph through its organization of the leading nations of continental Europe into a “Seven Years War,” every effort to free the peoples of Europe from that recurring continuation of the British Empire, has failed until now, despite what proved to be the temporary defeat of the British Empire by President Franklin D. Roosevelt’s United States. Roosevelt’s successor, Churchill-steered and Wall Street-controlled President Harry S Truman, like Andrew Jackson earlier, betrayed the United States to the cause of British imperialism. The British empire made concessions to the American principle for the purpose of retaining its power during difficult times, but, since the successful assassination of the obstacle to

26. Leonardo not only understood the catenary, as Galileo never succeeded in this, but defined the catenary-tractrix function.

British imperial power known as President John F. Kennedy, the British Empire has, in fact, dominated the world as a true imperial power from about February 1968 until the present date.

Only poor dupes, on the way to becoming slaves, believe in the mere fiction of a “U.S. imperialism” today. “Wall Street,” the only evidence which might be claimed as evidence of a “U.S. imperialism,” was never, since 1763, other than a British imperial parasite sucking the juices of Manhattan, as also many other locations from around this planet, all on British imperialism’s behalf. Usually, those who argue that the U.S.A. is imperialist, turn out, on closer scrutiny to be branches of Threadneedle Street themselves, or, simply dupes of the tradition of the Karl Marx who had worshipped Adam Smith almost as a pagan god.

The Empire, Slavery & the Mind

The victors among the warring tribes of Africa often sold the selected, surviving portion of their defeated rivals into slavery. The surviving portion of the modern victims of this Africa practice’s captives was transported, on the initiative of the victors in those internal wars of Africa, to the coasts of Africa, where the captives were sold to such as the Spanish, Portuguese, Dutch and British traffic in slaves, an enslavement which had begun with the delivery to port-areas of those Africans who had been enslaved by other Africans, and then delivered to the coastal ports founded by European slave-traffickers, ports whence the surviving assortment of captives was transported, still as slaves, to such destinations as the Atlantic coasts of the Americas.

Thus, the fact that the enslaved victims of this process had been brought into slavery to the Anglo-Dutch, Spanish, and Portuguese by Africans, does not diminish the degree of criminality of those Habsburg and related oligarchical interests who shipped the victims to a condition of enslavement in the Americas, much of this being done for the profit of the Anglo-Dutch, British Empire which controlled this Atlantic trafficking in slaves which had been conducted by the lesser oligarchs of Britain’s system of imperial reign over the Nineteenth Century Spanish and Portuguese monarchies.

It should not be seen as our purpose here to account for much more than the following essential fact of that matter of the origins of the slavery within North America prior to President Lincoln’s victory.

The growing Americas market in such trans-Atlantic traffic in African slaves, was prompted largely by the

fact that the indigenous tribes of the Americas were usually ill-suited for use as a slave-class in the Americas. The significance of the African slave was that he

had been a product of the dynamics of a systemic form of customary practice of the violence of enslavement within relevant parts of Africa itself.

This was the influence under which African slaves temporarily adapted to submission to slavery in an Americas where the African had no roots, where the indigenous American tribes, such as the case of the literate culture of the pre-Andrew Jackson, Cherokee nation, were not as well suited for a system of slavery. The process of the subsequent liberation of the slaves in our U.S.A., the liberation from the British empire's authority over the continuing Spanish and Portuguese traffic into slavery within our republic, was, therefore, shaped largely by a powerful lurch toward personal freedom within our own republic itself, a struggle of various sorts, but one rooted in the emergence of the American cultural climate of intellectual freeing of the former slave. It was the slave's desire for children of marriage, combined with the indispensable role of President Abraham Lincoln's dedication to a victorious war against Lord Palmerston's British imperialism for defense of the U.S. republic, which secured the indispensable freeing of the slaves in the only way it could have occurred, as Frederick Douglass understood, violently, that by the action of our Federal Republic against the British system of trans-Atlantic slavery.

The principle which I have invoked in presenting this example from the history of mankind's effort for freedom from enslavement of man by man, is to be found on a still deeper level, in the principle named *dynamics* (e.g., *dynamis*) by Gottfried Leibniz, or what is the same principle of dynamics illustrated in the concluding summary in Percy Bysshe Shelley's **A Defence of Poetry**.

This return to the subject of *dynamics* now brings our attention back to our principal subject in this report, the distinction of the higher functions of the human mind from the undeniably indispensable, but qualitatively inferior functions of the human brain.

IV. The Empire & Your Mind

It is sufficient, and also justified, that we should tend to limit the scope of this present report to the examples of the essential, clinical facts bearing on the history of the

birth and evolution of what can be efficiently classed as a Mediterranean-rooted European civilization, as known since both the fall of Babylon and the rise and decline of the Persian Empire. However, we can not overlook certain essential features of the development of a Mediterranean offshoot of an Atlantic maritime culture which rose to power out of the misty past of the Mediterranean empire, nor should we overlook certain up-river developments, such as those of the Nile, within the territory of what was to become either a European culture, or nearby-Asia cultures which were established, largely, by what are appropriately identified as "the Peoples of the Sea." We must include the cases of the Nile, Mesopotamia, the Indian Ocean, and the Black Sea offshoots, such as the Hittites of Anatolia, and of maritime cultures, such as that of the Sumer which was initiated by "Peoples of the Sea," that during no less than the several millennia preceding Homer's Trojan War.

What has emerged out of the background of maritime cultures from a succession of several millennia preceding the Peloponnesian War, has been the legacy of the domination of an emerging Mediterranean-centered civilization out of an ancient oligarchical system of actual, or virtual slavery, or "serfdom." This was a system whose essential features had been consistent with that myth of the Olympian Zeus, a myth which is to be associated with the hierarchical form of oligarchical tyranny depicted by Aeschylus' **Prometheus Trilogy**, a record which is not inconsistent with the images evoked for the scholar by the relevant chronicles of Diodorus Siculus.

My own approach to the study of the principles of the human mind, has brought some among us to a view, here, of that history, a view which I identified within a preliminary outline of the matter in the course of the preceding chapter, and which I now examine more critically in the present one.

The most characteristic, and defining fact about human cultures, as distinct from those of those types of lower than human forms of life which include the mammals generally, is that the human genotype is potentially, consciously, and uniquely *creative* in a sense of those matters which are consistent with the scientific-technological factors of a qualitative, willful succession of changes in the willful behavior of our species itself, a quality of change which is lacking in all other, known species, including those of animal life generally. For example: consider the crucial fact of the uniqueness

Shelley: 'A Defence of Poetry'

From the essay by Percy Bysshe Shelley (1792-1822):

[W]e live among such philosophers and poets as surpass beyond comparison any who have appeared since the last national struggle for civil and religious liberty. The most unfailing herald, companion, and follower of the awakening of a great people to work a beneficial change in opinion or institution, is poetry. At such periods, there is an accumulation of the power of communicating and receiving profound and impassioned conceptions respecting man and nature. The persons in whom this power resides, may often, as far as regards many portions of their nature, have little apparent correspondence with that spirit of good of which they are the ministers. But even whilst they deny and abjure, they are yet compelled to serve, the power which is seated upon the throne of their own soul. It is impossible to read the compositions of the most celebrated writers of the present day without being startled with the electric life which burns within their words. They measure the circumference and sound the depths of human nature with a comprehensive and all-penetrating spirit, and they are themselves perhaps the most sincerely astonished at its manifestations: for it is less their spirit than the spirit of the age. Poets are the hierophants of an unapprehended inspiration; the mirrors of the gigantic shadows which futurity casts upon the present; the words which express what they understand not; the trumpets which sing to battle, and feel not what they inspire; the influence which is moved not, but moves. Poets are the unacknowledged legislators of the world.



about *willfully ordered*, qualitative increases in the potential relative population-density of the human species, as no other known species of living creature has proven itself able to accomplish such intentional changes as those to be seen in the potential of our own species, as, for example, by even a single individual's single true discovery of a universal principle. The natural potential for the healthy development of an individual personality, is that which is so defined as being the implicit quality of a "demi-god," that in the particular sense of the quality assigned to man and woman by the opening chapter of **Genesis**.

However, at the same time, it is notable that common practice among known societies, has included the application of a general prohibition against the option for using such a creative power by any member of those so-called "lower social classes" who is not explicitly authorized, as if by a "laying on of priestly academic hands," to have access to the actual knowledge of even free use of such creative potentials. Thus, there has been the legendary, symbolic banning of the "use of fire" by the Olympian Zeus of the Prometheus trilogy, a ban which illustrates the dominant habit of practice of virtual slavery, or serfdom, imposed upon the greatest relative number of members of society, just as the "Babylonian-priesthoodlumism" of today's "environmentalist" cults, such as that which British Prince Philip's World Wildlife Fund prescribes as the urgently demanded practice of relative genocide, world-wide, today.

Against the background of those considerations which I have outlined immediately above, let us now present the principal subject of this report, "the creative powers specific to mankind," under the title of the search for the

of mankind's willful use of fire. Or, consider the uniquely original discovery of the principle of gravitation by Johannes Kepler, as Kepler's work was clarified by Albert Einstein on this account, as a "water-tight" choice of relevant example of this distinction.

In the use of the term "creative" by me here, as this was referenced at some length within the preceding chapter, I mean the power of the human species to bring

true identity of what we might wish to identify as the ordinary quality of future "Promethean Man." I do not mean the childish fantasy of a "Superman," but, rather, what should come to be recognized as a specifically healthy mental type of creative intellectual capability of a type of ordinary human individual, an increased capability to be foreseen as emerging during the coming few generations, bringing us an ordinary man and

woman of the type who is preparing, now, through self-development, for man's initial conquest of nearby Solar space by the time of the close of the presently young century.

The presently relevant evidence to that intended effect, is clear to me. Such an accomplishment is a feasible one within the range of what should be becoming typical of the closing decades of this present century. Keep that thought in mind, as we now proceed to develop the crucial point which I introduced briefly during part of the preceding chapter.

That said, turn back to the subject of the human mind at the point in the preceding chapter where I had left off: "What really is the human mind?"

That said, we return to the relevant point on the subject of creativity which we left off during the course of the preceding chapter.

The Real Human Mind

The problem I posed there, was the fact that the mental objects which we regard as sense-perceptions, are not a gallery of portraits of the real universe, but are more in the nature of shadows cast by that universe. As the case of Kepler's unique discovery of the principle of universal gravitation illustrates the problem to be considered; man's actual knowledge of the universe itself is limited to those kinds of crucial experimental proofs which treat the mutually contradictory experience of two or more respectively distinct sense-experimental experiences as clues to the actually functional object which had cast the relevant shadows of sense-perception.

This point in fact is made clearer through mankind's use of man-made instruments, such as microscopes and telescopes, as surrogates for sense-perception, instruments used as supplementary aids to access to experiences which the given human senses as such fall short of comprehending. In brief, we do not "see" the object which corresponds to sense-perceptual experience; we "see" what is experienced as a shadow cast by that which is the source of the experience. I repeat: what we actually "see," is not the experienced object, but a shadow cast on the mind by the presence of the actual object. What we must train ourselves to "see," is not what we tend to regard as an object in physical space-time, but, rather, the cause of a shadow which is cast upon the mind as the experienced reality: a *singularity*, rather than a "real object."

We must retrain our habits of thinking to enable us

to conceptualize the "real object," to recognize it as the substance which is responsible for our experience of the mere shadow the naive observer had regarded, mistakenly, as an experienced "real" object of sense-perception.

So, in better-informed sorts of physics-language, we are enabled to experience the reality of a singularity in a field of "cosmic radiation." When we have trained our minds to do this successfully, our conscious mind enters an efficiently ontological state of awareness which is distinct from the realm of shadows which the naive mind treats, mistakenly, as if those shadows were a reality defined by mere sense-perceptions as such.

For example, consider the presently oncoming kind of change in experimental perspective with respect to the Mendeleev periodic table. Nothing that we do in this way actually violates the evolved notion of the Mendeleev view of the field; there is a degree of preserved correspondence between a periodic table emphasizing images of presumed material particles, and the "corrected" view, that of the singularities lying, primarily, within the universal domain of cosmic radiation. What we lose in making that change in point of mental view, is little more than what is now revealed to us as having been an habituated, relatively childish belief in the virtually tangible existence of "empty space."

In that fashion, our thoughts have now truly entered the domain of physical relativity. It is a step which seems to be only like putting a toe in the water, but the essential principle of the change in point of view is sufficiently clear, if lacking the sense of an experience comparable to that of actually swimming through the cosmic radiation which fills up what is mistaken for "empty" interplanetary space, that of future mankind sometimes traveling at relativistic speeds.

Lest some suspicious reader might suspect a bit of sleight-of-hand in all this which I have just presented here, think back to those ancient, ocean-going mariners who discovered a lawful unity, of a type useful for trans-oceanic navigation, in the area presented by the persistently changing night-time sky, by allowing for such changes as those associated with the long Platonic cycle, which came to the attention of such as a Bal Gangadhar Tilak's consideration of the Vedic calendar, as in his **Orion**.

There is no actually "empty space" in the actuality which naive observers may regard as the imagined space distinguishing the visible bodies attributed to the

night-time sky from one another. For example: we must consider the role of magnetic fields as shown by certain singularities arising from the use of the equivalent of the compass in even what might be considered as pre-historic transoceanic navigation, as reflected in the known ancient cycles of the long-wave periodicity of the migrations of the North magnetic pole.²⁷

The fact which I intend to emphasize in the course of these present remarks, is the effect of the change in conceptual standpoint, which I have just presented. Instead of treating the images associated with sense-perception as “the real world,” we locate the experience of the real universe in the act of not only viewing sense-perception as presenting us with a shadow cast by reality; but, we must locate access to knowledge of reality in the person’s consciousness of the fact that the sense-perceptual domain is merely a shadow cast by the real universe which he, or she actually inhabits.

We do not actually “see” ourselves; but, rather, we see the experienced, projected shadow of that universe which we actually inhabit.

The viewpoint which I have just, thus, identified, should not be considered as a recently crafted novelty. If we translate what I have written here into a rather well-known fact of what should be recognized as a Classical regard for a knowledgeable experience of history, what I have just written here is no different in substance than the ancient Classical Greek use of the term *dynamis*, or its modern expression as what Gottfried Leibniz named *dynamics*. As I have pointed out, repeatedly, this notion of *dynamics* is the same type of phenomenon which the poet Percy Bysshe Shelley presents as the phenomenon of changes in the characteristics of society’s mass movements which he pointed out in the closing paragraphs of his **A Defence of Poetry**.

Shelley’s point stated otherwise, is: “Reality haunts our conscience!” This prescient sense of the reality of



The Washington National Opera

The power of creativity “on which a society’s progress, and even survival, depends, is expressed most clearly in what can be identified as Classical forms of artistic composition,” LaRouche writes. Here, The Washington National Opera performs Verdi’s I Vespri Siciliani in 2005. Maria Guleghina plays Elena and Franco Farina plays Arrigo.

dynamis, or *dynamics*, a domain which we actually inhabit, is most bluntly expressed in what is often regarded as a mysterious force of sudden surges of mass social phenomena, such as the present revolt of the conscience of the greater mass of our populations against the tyrannical obscenities superimposed by current governing powers upon the accelerated worsening of the conditions of life of the vast majority of nations’ populations. It also reflects those mental acts of what can be recognized as that genius of the greatest poets and scientists typically expressed as the ontologically distinct phenomenon of true metaphor, as the 1947 edition of William Empson’s **Seven Types of Ambiguity** attempts to convey the notion of such a distinction of the sense of beauty to his readers, or as a true, but currently academically unpopular reading of Shakespeare, or of Friedrich Schiller, or the experience of Ludwig Beethoven’s Opus 132, or Wolfgang Mozart’s **Ave Verum Corpus**, relies on this aesthetical concept in an essential way.

“All the World’s a Stage”!

The most accessibly rigorous demonstrations of this principle, include the putative “magic” of the finiteness

27. For the sake of your powers of imagination, think back to the implications of a plausibly Phoenician, or comparable maritime culture’s relic from trans-Atlantic navigation to be currently dated to as recent a time as from about four thousand years ago, to North Salem, New Hampshire, a site which my wife and I had examined, back in 1982.

of the Classical theatrical stage. There is evidence to this effect in the work of Shakespeare, but, for obvious reasons, Friedrich Schiller's work is a more accessible source of fuller means of available evidence supporting the relevant argument.

A proper notion of the concept of tragedy does not require real heroes presented on stage. As Schiller emphasized, the body of the principal actors presented as characters on stage does not require the attempted selection of heroes for the presentation of the drama. Shakespeare's **Julius Caesar**, **Lear**, **Macbeth**, and **Hamlet**, and Schiller's **Wallenstein**, are typical of a drama set within the actuality of a morally sick society, one without any true heroes actually performing leading stage roles. As Schiller taught, the hero is to be sought in the member of the audience, like the children in *Wallenstein*, who is inspired to become a true citizen because of precisely the revelation of the brutally tragic development which pervades the active development of the drama on stage.

The implicitly sacred aspect of great Classical drama, or the like, is that the audience escapes the prison-like domain of rude sense-certainty, for a drama performed among the souls on stage. The unseen spirits of the real persons are materialized, as expressed in the form of the masks worn by souls on stage, all in the domain of the imagination. Yet, that domain of the imagination, is our real world, a domain of immortality, for which that which has the appearance of the flesh is worn as a shadow of reality, a mere mask. On the Classical stage, behind the masks, all souls are immortals, in a domain where mortal passions are the shadows, and the naked souls behind the masks are the reality.

The matter becomes more interesting when we extend such considerations as those to the domain of a physical science consistent with the Classical standpoint of such as Plato, Cusa, Kepler, Leibniz, Riemann, et al. In fact, the required standpoint is that of a physical science of national economy rooted in modern, anti-positivist or other anti-reductionist modes, as in a physical chemistry derived from the implications of Bernhard Riemann's revolution in physical science. The cases of Pasteur, Mendeleev, Max Planck, Academician V.I. Vernadsky, William Draper Harkins, and Albert Einstein, are typical of this anti-reductionist (e.g., anti-positivist) school of a science of physical chemistry in physical space-time.

The point which I wish to emphasize at this moment,

is the crucial role of the scientific imagination. I state that case as follows.

Man in the Mirror of Physical Space-Time

Henceforth, in the remaining portions of this report, we shall treat the domain of presumed sense-certainties, as a special kind of mirror on the wall of history. What that mirror shows us, is not an image of the real universe, but, rather, as Kepler's discovery of universal gravitation demonstrated, it shows us a certain quality of mere shadow of reality projected upon that special kind of image in a mirror which we tend to regard as being what we call the universe of sundry sense-experiences.

Let us name the most crucial of the concepts we must now employ for this purpose, as the notion of *God the Creator* in the image of man as a creative being, as distinct from all other species of existence. This simply means that we are studying the way in which the universe which we inhabit behaves, doing so from the vantage-point of the principled conception of man as made in the likeness of the Creator, a likeness defined by the virtue of our available power of insight into the implications of willful creativity itself. In other words, man, by nature, participates in the quality of willful choice of creating which is otherwise unique to the notion of a willful universal Creator.

Man is not a humble creature from those lower ranks presented to our senses as the Lithosphere and Biosphere. Man is both equipped, by nature, and therefore assigned to participate willfully with the Creator, as Philo of Alexandria rebuked the memory of Aristotle on this account; man is, to participate in the continuing process of universal creation. Man's behavior in the universe is therefore of the nature of a moral obligation to the future. We are designed to contribute, in a participating role, to the perpetual improvement of the universe which we inhabit, to make the universe, and ourselves, better.

V. On the Subject of Creativity

Specifically, our United States of America is now experiencing a kind of process which has been sometimes named "a mass strike." Among the poems which I composed many decades ago, while I was still a young adult, the central topic of a series of such now long-neglected compositions was what I expressed

most emphatically in one such case, entitled “My Lyre,” by reference to a certain quality of metaphorical ideas which pass like a silent breeze through the universe, “bending stars like reeds.” A true “mass strike” is represented essentially by that type of breeze.

At a later point in my historical researches, I considered the related phenomenon of that genius and curiously un-Marxist Rosa Luxemburg’s notion of what she named “the mass strike,” a concept which no German Social-Democrat or a like breed of avowed “materialist” could ever really understand in a competent choice of ontological terms of reference. In the English literature, good choices of poets considered for comparisons on the premise of this same phenomenon, are poets who are typified best by Keats and Shelley in their time, or, in German, by the sweep of Friedrich Schiller’s genius and some of Heine’s work, or by Shakespeare earlier. Notably, none of those poets were representative of the world-outlook of the followers of Paolo Sarpi’s cult, the reductionist cult of that species of philosophical irrationalism which was the characteristic of British assets of such followers of Adam Smith as Marx and Engels, or the typical Wall Street-owned Liberal of today.

In Rosa Luxemburg’s case, her relatively unique genius was expressed in that fact that she was the only relevant political economist of her niche in time who, like that U.S. State Department’s historian Herbert Feis who affirmed her definitions in political-economy later, actually understood the actual substance and meaning of the term “imperialism.” In fact, only very rare economists still today could present a competent case bearing on this subject-matter.

The only competent approach to removing the mystery from her peculiar competence in the matter of the “mass strike,” is what must be presented from the standpoint of the immediately preceding chapter of this report. It is only from this same standpoint, that the revolutionary character of the present global economic crisis can be competently understood. I must, again, emphasize the view of the nature of the human mind which I have introduced in that same chapter. The only appropriate technical term for treating such cases as this one, is Gottfried Leibniz’s modern resurrection of the ancient Classical concept of *dynamis* as that principle of *dynamics* which must underlie any serious attempts at treating the specific type of the mass crisis in the U.S.A. and Europe today.

The key for understanding the point I am making here, lies in examining the ontological implications of that concept of the form of the *finite but unbounded* catenary-tractrix function which I have traced, in this present report, from origins located in the interactions between the discoveries for physical science principles represented by the work of Brunelleschi and Nicholas of Cusa, or, later, Johannes Kepler’s discovery of the principle of universal gravitation. The argument to be made on that account, runs as follows.

The Sarpian reductionist’s misconception of human interrelations is to be traced, usually, from the mistaken view of social relations as expressed primarily in terms of the ontological misconceptions of naive sense-certainty. Already, the ancient Classical conception of *dynamis*, proffered a corrected view of this matter. Archytas’ unique solution for the duplication of the cube, was an accomplishment praised highly by Eratosthenes later; it is coherent with the state of organization of the processes of the human mind in which the concept of *dynamis*, or also Leibniz’s concept of *dynamics* coheres. Our inner, actual existence, lies not in a scheme consistent with sense-perception; it lies, ontologically, in the domain of physical-space-time for which the sense-perceptual conceptions of the imagined perceptual domain of a separated space, time, and matter, are relatively mere shadows.

Do not be surprised unnecessarily! The real universe is “located” as an expression of relativistic physical-space-time, rather than space, time, and matter. In accord with those facts, let us seek to clarify the apparent paradoxes seemingly posed, by defining two respectively distinct domains, A and B. “A” is the real universe, where the essential actions actually are generated; “B” is the domain of those shadows which are cast upon the seemingly real world of “B” by action located within the real domain of “A.”

Again, we must say, that the primary functions of the human mind lie within what the founder of modern dynamics Gottfried Leibniz defined, ontologically, as “the infinitesimal” of his and Jean Bernouilli’s calculus, as opposed to the hoax promoted by the frankly silly reductionist, almost positivist mathematician’s argument which Liberal convert Leonhard Euler adopted from Abbé Antonio S. Conti’s school of Sarpian deceptions. Such is the point of clearest separation of a competent physicist, such as Riemann followers Max Planck, Harkins, Vernadsky, and Einstein, from the in-



NASA, ESA, M. Livio, Hubble 20th Anniversary Team

Describing the political mass-strike process, LaRouche writes that a growing majority of citizens is “now moved to speak with that higher power of the mind which appears to most spectators as ‘some miraculous organ,’ whose breath ‘bends stars like reeds.’” Shown: a three-light-year-tall pillar of gas and dust, in the constellation Carina.

trinsically incompetent mere mathematicians of the contemporary positivist schools. There is no actually physical principle adopted among the cults of the positivist school of the heathen followers of Paolo Sarpi and his intellectual offspring of today.²⁸

The very fact of the phenomena of “the mass strike” constitutes crucial “experimental” evidence of the nature and effect of the principled distinction of that so-called “mass strike” phenomenon which Percy Bysshe Shelley summarized in the concluding paragraphs of his **A Defence of Poetry**. The principle so expressed also belongs to the category of those systemic forms of

28. This is probably best clarified by focussing attention on the positivism of Göttingen’s David Hilbert (also a positivist) rather than the utter degenerates, such as that pair of Bertrand Russell devotees Norbert Wiener and John von Neumann, whom Hilbert bounced out of Göttingen on grounds of systemic scientific incompetence.

Classical irony which are familiar from all great works of artistic composition and the like.

The same principle of irony is also the essential distinction of all competent representation of the appropriate performance of all the competent musical compositions of the Classical composers who followed the model of Johann Sebastian Bach, through Beethoven, Schumann, and Brahms. These works, and their like expressed as principles of poetry and drama, or the only suggested eyes of Rembrandt’s bust of Homer contemplating the fatuous Aristotle, are typical of the expressions of true Classical irony which are the hallmark of the creative expressions of the human mind.

The outstanding expressions of those implications are met in the way in which such Classical expressions of true irony may

“move” the souls of a mass of the population, as the ordinary citizens of the U.S.A. now express their contempt for, and sense of betrayal by those elected members of Congress whose actions evoke a presently rising tide of rage in the overwhelming majority of the citizens of the U.S.A., and elsewhere, today. It is a growing majority now moved to speak with that higher power of the mind which appears to most spectators as “some miraculous organ,” whose breath “bends stars like reeds.”

In the prefatory remarks which opened this report, I wrote: “The U.S. economy could be saved, even at this late stage of its perilous decline.” It should be clear, in the conclusion of this report, that the entire economy of the planet could also be saved, provided that the U.S. acts appropriately to lead the way. It is less a matter of what you think, than how.

Treasonous Banking Cartel Ordered Glass-Steagall Repeal

by John Hoefle

May 22—The death of the Glass-Steagall regulatory safeguard in 1999 was a disaster, not only for the United States, but also for the rest of the world. This vital restriction on speculative activities, put through in 1933, though weakened significantly over the years by deregulation zealots, remained a major legal impediment, until its final demise at the hands of the ill-conceived and corrupt Gramm-Leach-Bliley Act of 1999.

Freed from the prohibition against mixing commercial banking and investment banking, the largest U.S. banks turned more and more to Wall Street speculation. To “make money” the fastest and the mostest, they abandoned investment in the physical economy, especially those substantial projects which require decades to “pay off,” not only for them, but for the population as a whole. They turned increasingly toward using their depositors’ money to fund gambling sprees in the global casino, using their growing power to manipulate markets, looting both their own customers, and the rest of society. They became the personification of greed; and that greed, unchecked by regulatory safeguards, destroyed our economy.

Much of this can be laid at the feet of the Anglo-Dutch Liberal system, which dominates the international financial system from its headquarters in the City of London. Wall Street and the big U.S. banks, be they in New York, North Carolina, or California, are creatures of this global system, and their nefari-

ous activities can only be understood in this regard. They are more British than American, in method and aims.

However richly the British Empire deserves the blame for the disaster which has enveloped the world, the American people and their government bear the ultimate responsibility for what has happened here. Under our Constitution, it is the duty of the Federal government to protect the nation from predators, and it is the duty of the citizenry to make sure that governments, at all levels, meet their responsibilities. If our people had not allowed themselves to be corrupted, we would not have elected such fools as Phil Gramm, Chris Dodd, Barney Frank, and Nancy Pelosi to represent us in Congress, nor would we have tolerated such creatures as Sir Alan Greenspan and Ben Bernanke running our monetary affairs.

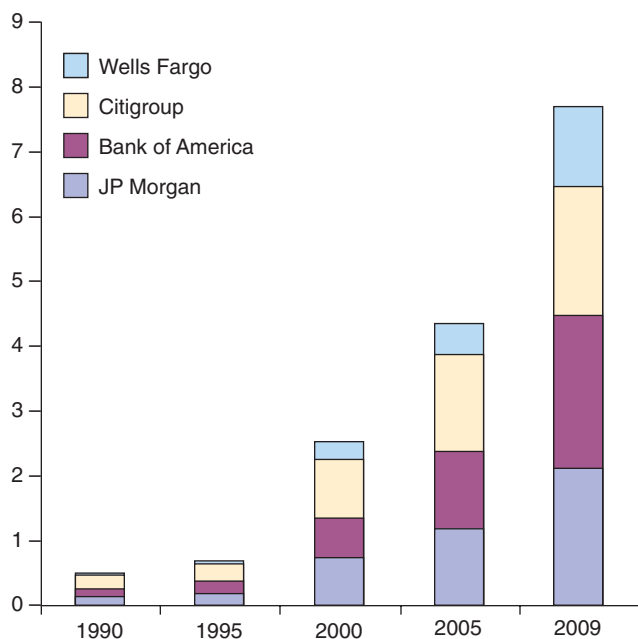
The tide is turning, however. We, the people, have awakened from our stupor and are demanding that our government reverse decades of failed policies. The battle to restore Glass-Steagall is exemplary of this process. The battle has been joined, and the possibility of victory is on the horizon.

As recent events in the Senate show, the need to restore Glass-Steagall and to reign in derivatives has now become part of the national debate—a debate we will win. Let the bankers and their flunkies howl—it’s a sign we’re doing the right thing. Stick to your principles, and do not compromise. We demand a return to Glass-

FIGURE 1

Assets of Top Four Banks

(\$ Trillions)



Steagall and the complete elimination of derivatives, and we will prevail.

Merger Frenzy

The repeal of Glass-Steagall a decade ago has led to a dramatic consolidation among the top banks, as well as to a dramatic increase in derivatives. There are now basically four *super-banks* which dominate lending in the United States, in what amounts to a financial cartel (though one should never forget that they are inseparably connected to the London headquarters of the monetarist system). As a cartel, the four megabanks make their money by trading, not investment, and could care less about the growth of living standards and physical economy—as long as the loot keeps flowing in.

Since the repeal, the assets of the top four U.S. banks have soared (**Figure 1**). Today, the four banks—Bank of America, JP Morgan Chase, Citigroup, and Wells Fargo—have a combined \$7.7 trillion in assets, more than ten times their assets in 1995. That's not surprising, since they are not really the same banks they were back then.

Citigroup is a good example: Back in 1995, it was known as Citicorp, but in 1998, it agreed to a merger

with Travelers Corp., an insurance company which owned Salomon Smith Barney, an investment bank. The merger was blatantly illegal under Glass-Steagall, since it would combine a commercial bank with an investment bank. In fact, the announcement of the merger was itself a violation of Federal conspiracy statutes, since it represented the two parties stating an intent to break the law. But rather than enforce the law, the Federal government fell all over itself to change the law to accommodate the bankers. The merger went through, and Citicorp became Citigroup.

The bank known today as JP Morgan Chase is another product of mergers. In 2000, Chase Manhattan bought JP Morgan, creating JP Morgan Chase, and since then, the bank has gobbled up Bank One, Bear Stearns, and Washington Mutual, producing a \$2 trillion-in-assets, derivatives-laden monstrosity. Bank One had been one of the so-called super-regional banks, and a product of a string of mergers.

Bank of America was known as Nationsbank until 1998, when the North Carolina super-regional bought California-based Bank of America, and adopted its victim's more prominent name. Both banks had engaged in a series of mergers, and the combination bank continued that tradition, notably, with the acquisitions of Fleet Boston in 2004, and Countrywide and Merrill Lynch in 2008.

The fourth of our giant banks, Wells Fargo, was known as Norwest until 1998, when it bought Wells Fargo and kept its historic name. Wells Fargo increased its size significantly in 2008, with the acquisition of Wachovia, the North Carolina giant formerly known as First Union.

Dangerous Concentration

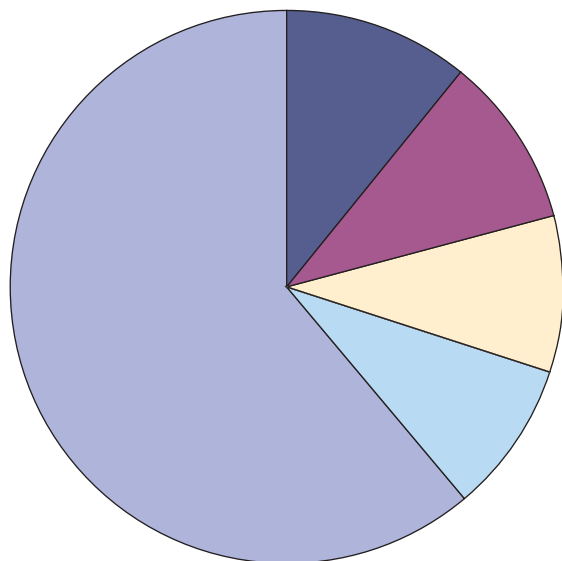
The result of this merger frenzy is a dangerous concentration of banking in an ever-shrinking number of banks. The big four banks now control almost 40% of all the deposits in the U.S. banking system (**Figure 2**). Bank of America and JP Morgan Chase each hold more than 10% of the nation's deposits, a level that used to be illegal.

These four banks now account for half the mortgage loans, and two-thirds of the credit cards, issued in the United States. But the mortgages are really an aspect of the ongoing Federal bailout of the banking system, since the government guarantees these loans, allowing the banks to reap the benefits without taking the risks.

FIGURE 2

Big Four Banks Dominate Deposits, 2009

Wells Fargo Citigroup Bank of America
 JP Morgan Rest



The ten largest banks now control nearly half of the nation’s deposits, leaving the rest of the deposits distributed among the remaining 8,000 banks and thrifts. Given the carnage among those smaller banks, this concentration will only increase.

That “top ten” concentration is even worse than it appears, given the way in which investment banks, insurance companies, and others have been allowed to become bank holding companies since 2008. Not only does the U.S. “top ten” include Goldman Sachs and Morgan Stanley, but it also includes MetLife! What’s next, Wal-Mart? The group also notably includes the U.S. arms of two British banks, HSBC and Barclays; and Taunus, the former Bankers Trust now owned by Deutsche Bank (Table 1). This list is evidence of how far we have strayed from Glass-Steagall, and why it must be reinstated.

Derivatives Crisis

With this banking consolidation has also come a rapid increase in the level of derivatives in the U.S. banking system. The numbers are staggering, with \$294 trillion in derivatives at U.S. banks at the end of 2009, according to the Office of the Comptroller of the Currency (Figure 3). The reported figures, we must add,

TABLE 1

Top Ten U.S. Bank Holding Companies, By Assets, March 31, 2010

(\$ Billions)

Rank	Bank Holding Company	Assets
1	Bank of America	2,341
2	JP Morgan Chase	2,136
3	Citigroup	2,002
4	Wells Fargo	1,224
5	Goldman Sachs	881
6	Morgan Stanley	820
7	MetLife	566
8	Barclays Group U.S.	428
9	Taunus Corp.	364
10	HSBC North America	345

Source: Federal Reserve

significantly understate the actual level of derivatives in the system. But even the reported numbers are sufficiently large to make the point.

This derivatives exposure is concentrated in just a handful of bank holding companies (Table 2). The majority of these derivatives are located inside the commercial banking units of these holding companies. JP Morgan Chase Bank, for example, has \$78.5 trillion of derivatives, while Citibank holds \$37.5 trillion. The situation is slightly different at Bank of America, which acquired the derivatives exposure of Merrill Lynch; Bank of America has \$44 trillion of its \$71 trillion in derivatives inside the bank. Goldman Sachs Bank, with \$91 billion in assets, has over \$41 trillion derivatives, or \$457 in derivatives for every dollar of assets! It is clear that these are neither banks anymore, nor are they safe.

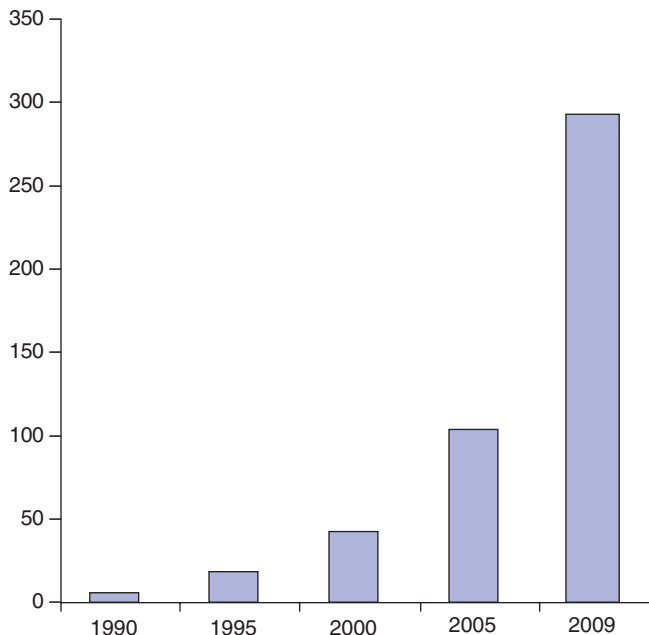
It cannot be stressed enough, that the financial crisis which began so publicly in 2007 and continues today, is a derivatives crisis. Terms like “subprime crisis,” “credit crunch,” and “sovereign default crisis,” are really just euphemisms intended to hide the blowout of the derivatives market, and the way that the bailouts have been intended to protect those derivatives.

The solution to the derivatives crisis begins with a simple step: *pass a law declaring all existing derivatives contracts null and void, and outlawing any further derivatives.* That neatly outflanks all the discussion about closing “loopholes” and moving derivatives to exchanges. We don’t need derivatives, they perform

FIGURE 3

Derivatives at U.S. Bank Holding Companies

(\$ Trillions)



no useful function, and so rather than trying to control them through regulation, we simply forbid them.

We've Only Begun

The Obama Administration and the traitors in the U.S. Senate pulled every trick they had to defeat the attempt to put the Cantwell-McCain Glass-Steagall amendment into the banking reform bill, and also gutted the more modest efforts to restrict derivatives. But the power of their parliamentary tricks pales in comparison to the growing swell of public disgust with their actions, and the relentless march of the financial crisis.

That the derivatives crisis is far from over was demonstrated yet again, by the Federal Reserve's participation in the European bailout. The Fed's role in this bailout, at least as publicly revealed, is to flood Europe with dollars. Given that most derivatives contracts are settled in dollars, and that the ability to cancel, restructure, or settle derivatives contracts is of mortal importance to the banks and other speculators, the Fed's currency swap lines are a giveaway to the nature of the crisis.

The problem with repaying existing debts is real, and by themselves, the debts are enough to blow out the system, but the enormous weight of all the derivatives leveraged upon those debts is what has the British fi-

TABLE 2

Top Ten U.S. Derivatives Banks, 2009, December 31, 2009

(\$ Trillions)

Rank	Bank Company	Derivatives
1	JP Morgan Chase	78.7
2	Bank of America	70.6
3	Goldman Sachs	49.0
4	Morgan Stanley	41.6
5	Citigroup	39.7
6	Wells Fargo	4.1
7	HSBC North America	2.9
8	Bank of New York Mellon	1.3
9	Taunus Corp.	1.0
10	State Street	0.6

Source: Office of the Comptroller of the Currency

ancial cartel terrified. The combined reimposition of Glass-Steagall, and the elimination of the derivatives market, would blow the British Empire's global monetary system out of the water, and provide the precondition for reorganizing the world around the American System of physical economy.

The problems for the British and their puppets in the U.S. are getting worse by the day. They are extremely vulnerable, and ripe for political defeat. Our job is to weaken them at every turn, while organizing our fellow patriots, here and abroad, around the necessary solution. We have the winning hand—our power grows and the enemy's power declines with every passing day. This is the time to turn it on, to show those British fools what America really is. It is time for victory.

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Why the British Prefer Fascism in Thailand

by Mike Billington

May 21—The world has watched in amazement as news videos have documented the unfolding of fascism in Thailand over the past week. On May 13, the security chief for the “Red Shirt” protesters, renegade Maj. Gen. Kattiya Sawasdiapol, was shot in the head by a sniper while talking to a *New York Times* reporter, only hours after Prime Minister Abhisit Vajjajiva had publicly ordered military snipers to surround the protesters’ barricaded compound in central Bangkok. The Red Shirts, composed primarily of rural and urban poor, who support the policies of deposed Prime Minister Thaksin Shinawatra and his allies, were in the ninth week of demonstrations demanding the resignation of the usurper government and the holding of new elections.

Over the six days following the shooting of General Kattiya, snipers picked off another few dozen Red Shirts, killing several journalists, and an Air Force officer in the process, and wounding hundreds. Finally, on May 19, despite public appeals from the U.S., Japan, the UN, and several fellow members of the Association of Southeast Asian Nations (ASEAN) to refrain from using force and to negotiate a peaceful settlement with the Red Shirts, the Army was sent into the protesters’ compound with armored vehicles and machine guns, clearing the compound and arresting the Red Shirt leaders.

Many of the enraged protesters immediately went on an arsonous binge, setting fires across Bangkok, while Red Shirt supporters in the north and northeast occupied city halls, burning several to the ground.

The chaos is only beginning. Unfortunately, that is precisely what the British interests behind the Thai monarchical institutions intended. With the world financial system in free fall, the British imperial forces are provoking chaos, for the sake of chaos, in every location they can. In blowing up Thailand, all of Southeast Asia is threatened, and even Asia as a whole.

The State Department Steps In

The U.S. State Department tried to prevent this lunacy. Assistant Secretary of State Kurt Campbell, in an unusual and forceful gesture, went to Bangkok on May 8, visiting with former cabinet ministers of former Prime Minister Thaksin (now in exile), and with representatives of the Red Shirts. The Thai government went ballistic, denouncing the visit for lending legitimacy to Thaksin, whom they describe as a criminal, and to the Red Shirts, whom they describe as terrorists. Foreign Minister Kasit Piromya (who, ironically, was a leading participant in the anarchist occupation of Thailand’s international airport during the middle class protests which helped to bring down Thaksin in 2006) called in U.S. Ambassador Eric John, demanding an apology for Campbell’s intervention. Both Campbell and John stood their ground, insisting that the U.S. would not take sides, but that a peaceful means to resolve the crisis should be found.

A similar open conflict between U.S. patriotic interests and British imperial interests occurred in neighboring Myanmar (Burma) in 2008. After cyclone Nargis devastated Myanmar in May 2008, the British demanded that the military junta in Myanmar allow British military forces—i.e., the former masters of colonial Burma—to enter the country to deliver aid to the victims, and refused to deliver aid under any other conditions. The British even announced their intention to invade militarily—for “humanitarian” reasons.

Patriots in the U.S. military recognized the danger—not from Myanmar, but from the British. Adm. Timothy Keating, head of the U.S. Pacific Command, flew into Yangon on a C-130, shook hands with the military chief, and pledged continuing supplies for the government to distribute to the victims. The British were furious.

Agrarian, or Agro-Industrial

The Thai population knows very well that the King’s privy council (top advisors and protectors of the King), headed by retired Generals Prem Tinsulanonda and Surayud Chulanont, was responsible for the 2006 military coup against Thaksin, followed by the imposition of a dictatorial constitution by a military government headed by Surayud himself. Then, after new elections were held which were won by Thaksin’s allies, the monarchical forces used the cor-



creative commons/SpecialKRB

The bloody ending May 19 of the ten-week protest of Thailand's Red Shirts, who were calling for new elections, was precisely what the British imperial interests behind the Thai monarchy intended.

rupt constitution to depose two popular pro-Thaksin prime ministers—one for the monstrous crime of continuing his popular cooking show on television (it was considered illegal for the prime minister to have a second job), and the other, by disbanding the entire pro-Thaksin party after just one of its officials was convicted of breaking an election law.

Finally, the British-born, Eton- and Oxford-educated Abhisit was maneuvered into power. The mass support among the poor for Thaksin soon coalesced into the Red Shirt protest movement, and demanded new elections.

The British know that the overt turn to fascist repression of these past weeks could well result in such a backlash against the King's privy council, that the monarchy itself could be brought down. While the British love their monarchical allies, they appear to prefer chaos, even at the cost of letting the monarchy go, in the face of the breakdown of the imperial financial institutions. If the Thais truly wish to establish democracy, they will have to find a way to replace the feudal relations which dominate the monarchical structure of government.

Thaksin, a former police official who made a fortune in the telecommunications business, was elected

prime minister in 2001, and reelected in 2005, by the largest majorities in Thai history. He is not anti-monarchy—in fact, it is widely reported that he is close to the Crown Prince, heir to the throne. It is perhaps for that reason that the London *Economist* issued a death threat to the Crown Prince on March 18, claiming that many would like the King to remove him from the succession, but that there are “other, bloodier, predictions of how he might be removed.”

The conflict arose from the fact that Thaksin implemented policies for developing the agro-industrial capacities of Thailand, as opposed to the traditional “self-sufficiency” policies sponsored by the King, based on a static agrarian society, little changed from generation to generation, typical of European colonial practice.

As prime minister, Thaksin initiated a drive to develop the poor agricultural regions of the country through a combination of major infrastructure projects, credits to each village to foster small and medium-sized agro-industries, scholarships for rural youth, a national health plan that guaranteed each citizen access to medical care for less than one dollar per visit, and a war on drugs that broke the stranglehold of the drug mafias (and the banks that controlled them) over



DoD/Helene C. Stikkel

Former Prime Minister Thaksin Shinawatra, overthrown by a military coup in 2006, was popularly elected twice. Thaksin was hated by the monarchists and their British backers for his commitment to agro-industrial development of the nation.



Russian Presidential Press and Information Service

The reign of Thai King Bhumibol Adulyadej may be on its last legs, if the fascist repression of the Red Shirts results in a backlash against the monarchy. The British are willing to accept its ouster as the price for their chaos scenario.

the rural heartland. He also pledged that Thailand would work to develop its much poorer neighbors, Myanmar, Cambodia, and Laos. He became a hero of the poor—and the monarchies of Europe became most concerned.

The Counter-Example of South Korea

In the 1950s, Thailand and South Korea had about the same population and were both relatively poor agrarian economies. The World Bank released a study recommending that both nations would be best served by remaining agrarian in nature, based on traditional farming methods. Thailand's King, and his British-trained advisors and economists, strongly supported this policy, and 60% of the population has remained in relative rural backwardness ever since. Although Thailand has extensive arable land and is one of the world's largest rice exporters, its productivity per hectare is extremely low, which condemns the peasants to relative poverty. What industrialization did take place since that time, was almost entirely concentrated in consumer goods, much of it for export.

South Korea, by contrast, rejected the agrarian model, choosing instead to transform itself into a

modern agro-industrial nation. While launching a national nuclear power development program in the 1960s, the Park Chung-hee regime began the mechanization of agriculture, and developed a government-community cooperation program known as the New Community Movement, which provided villages with the material means for modernization and the building of agro-industries, provided that the community mobilized and educated the population to carry it out themselves. A domestic agricultural machinery industry developed, and soon was able to export machinery across Asia. South Korea's rice productivity

became one of the highest in the world, with over 5 tons/hectare, compared to Thailand's 2.7 tons/hectare today. South Korea is now the 15th-largest economy in the world, and has recently become a major exporter of nuclear power facilities for other developing nations.

Whither Thailand

Thailand now stands in political ruin, with a monarchical/military elite which has rejected democracy in favor of dictatorial institutions, and an economy which is far too dependent on primitive agriculture, tourism, and the sleaze that goes with it. With the simultaneous breakdown of its internal social order, and the rapidly collapsing world financial system, Thailand could face ruin, or take advantage of the crisis to establish a new political/economic structure capable of joining with the emerging Asia-centered infrastructure development policies pursued by China, India, Russia, South Korea, and Japan. The U.S. foreign policy establishment centered on Secretary of State Hillary Clinton, despite the Obama Administration's economic insanity, would welcome such a change.

Obama's Support for Anglo-Israeli Threat

by Michele Steinberg

May 24—Iran today formally presented to the International Atomic Energy Agency (IAEA), the groundbreaking agreement that was signed on May 17 by Iran, Turkey, and Brazil, for Iran to deposit 1,200 kg of low enriched uranium (LEU) with Turkey, in exchange for uranium enriched at higher levels, for use in Iran's medical research reactor. Shortly after the official notification, in which a letter from the Iranian government was also delivered, IAEA chief Yukiya Amano met with the representatives of the three nations.

The breakthrough occurred, despite the desperate rush, by London and its puppet, President Barack Obama, to force a resolution through the UNSC for a new round of sanctions against Iran. The draft for new sanctions even reneges on the Obama Administration's statements that it would lift its objections to Iran's LEU production if the swap took place.

The sanctions resolution was issued from Washington just two days after the historic agreement was announced in Tehran; importantly, both Turkey and Brazil are currently members of the Security Council. The Tehran agreement is the first step in a process that was first proposed by former IAEA head, Dr. Muhammed El-Baradei, in October 2009, and endorsed by the U.S., and the Security Council Permanent Five plus Germany, the P5+1.

But, instead of pursuing this tremendous opening, Obama ordered his administration to rush the sanctions into the Security Council—which may turn out to be a huge miscalculation that will provoke international opposition, because behind the rush for the sanctions is Obama's apparent support for a British-inspired Israeli attack on Iran. The Netanyahu government in Israel is livid about the Tehran deal, because it may slow the drive for sanctions, but Netanyahu has issued orders that no Israeli statements are to be made on this issue—with the expectation that British-puppet Obama will do the Anglo-Israeli dirty work.

There is strong opposition in Washington to both an

Israeli preemptive attack, and to the sanctions, centered in Obama's National Security Team—Defense Secretary Robert Gates, Secretary of State Hillary Clinton, National Security Advisor James Jones, and Joint Chiefs of Staff Chairman Adm. Mike Mullen. But this opposition is constrained by the President's British control. According to high-level Washington intelligence sources, the U.S. would be prepared again to accept Iran's right to enrich uranium, as long as it is done under IAEA control, and is restricted to the LEU used for nuclear energy. The U.S. would be prepared to lift the new sanctions, upon the IAEA's certification that Iran has met those requirements; and that Iran has followed through with delivery of the LEU. The sanctions are intended to make sure that these preconditions for a negotiated solution would never be met.

World Rejects War Drive

At the same time, there is an international outpouring of support for the Iran-Turkey-Brazil agreement:

- On May 23, the Turkish newspaper *Zaman* disclosed that Prime Minister Erdogan had sent a letter to Obama, telling him to take advantage of the Iran-Turkey-Brazil declaration, which “has not closed the file on Iran's nuclear program, but has opened an important door for a solution through diplomatic means.” Erdogan also sent a letter to 26 countries—including all of the Security Council, explaining that the nuclear swap deal would resolve the nuclear dispute with Iran.

- On May 20, Russian Foreign Minister Sergei Lavrov held a press conference in Rome with his Italian counterpart, Franco Frattini, where he said, “We are in favor of Iran filing a request to the IAEA as soon as possible.... This should not be hampered by discussions in the UN Security Council.” Immediately after the Tehran agreement was signed, Russian President Dmitri Medvedev “welcomed” the development. On May 22, Russia's Interfax reported that Russia will continue its cooperation with Iran on the Bushehr nuclear power plant, and on delivering S-300 defensive missiles that had already been contracted.

- UN Secretary General Ban Ki-moon welcomed the uranium swap deal, and said it and “other initiatives may open the door to a negotiated settlement.”

- Meeting in Tajikistan, the Organization of Islamic Conference gave its full support to the swap agreement. OIC Secretary General Ekmeleddin Ihsanoglu said on May 20, that “OIC members welcomed the nuclear swap agreement [and] have extended support to the agreement.... We request from relevant international organizations to [also] extend support....”

The Mass Strike Lashes Out; Obama's Incumbents Trounced

by EIR Staff

May 21—The mass strike upsurge that began to assert itself across the nation in last Summer's Congressional town meetings reached a crescendo in the May 18 primary elections, as incumbents went down in state after state. This was not, as the purveyors of punditry would have us believe, a blind rage against "Washington," but, in fact, a deep sense of outrage and betrayal at what the Obama Administration and its Congressional allies have done to destroy the U.S. economy and Americans' futures.

The results in Pennsylvania, Kentucky, and Arkansas represent a clear repudiation of the London-directed policies that have overtaken Pennsylvania Avenue and Capitol Hill. They follow the previous week's election outcome in Utah and West Virginia, where two veteran legislators were summarily turned out of office: Three-term Republican Sen. Bob Bennett was routed in Utah, while 14-term Democratic Rep. Alan Mollohan went down in West Virginia.

On May 18, Pennsylvania's venerable Sen. Arlen Specter (D) was trounced because of his association with Obama. Specter, a former Republican, who has served in the Senate for 30 years, was wooed by the President to switch parties in 2009, and was promised White House support for his re-election. His challenger, Rep. Joe Sestak, after going public with the charge that the Obama White House had offered to bribe him with a plum job, if he would drop his challenge to Specter, won 54% to 46%. When late polls showed Specter losing to Sestak, Obama backpedaled, and declined to campaign for the Senator, even though the President

was in nearby Youngstown, Ohio over the weekend. Meanwhile, according to the *Washington Post*, Specter turned down an offer from Vice President Joe Biden to campaign in person for him.

In western Pennsylvania's 12th C.D., the late Rep. John Murtha's (D) director of economic development, Mark Critz, handily won the special election to complete Murtha's term, by campaigning *against* Obamacare, the cap-and-trade bills, and playing down an Obama endorsement. Demonstrating that this was not a vote for "new faces," Critz fended off a well-funded challenge from Republican millionaire businessman Tim Burns, who campaigned against "big government," while Critz fully associated himself with Murtha's much-maligned policy of creating industrial jobs through earmarks for this once-depressed area.

Obama had suffered a massive primary loss in Pennsylvania to Hillary Clinton in April 2008, by 54.6% to 45.4%. And in western Pennsylvania, Clinton took 62% of the vote. Obama even failed to carry the 12th C.D. in the 2008 general election, though it went for John Kerry in 2004.

A Plague on Both Your Houses

Since the mass strike began in the U.S. last August, there have not been two parties opposed to each other, but two factions: One is fighting for an FDR-style commitment to the general welfare; while the other is owned by the London-Wall Street financiers. The electorate has directed its disgust at both political parties, favoring neither Democrats nor Republicans, with the clear mes-



YouTube videograb

The results of the primary elections May 13 demonstrated, once again, the clout of the mass strike, especially in Pennsylvania, where 30-year Senate veteran and Obama ally Arlen Specter (above), lost his seat to Rep. Joe Sestak (above, right); and Mark Critz, a longtime ally of the late Rep. John Murtha, won a special election for Murtha's seat.

sage being: "A plague on both your houses."

In the Arkansas Democratic primary, three-term Sen. Blanche Lincoln came out on top in a three-way race with 45% of the vote. Lt. Gov. Bill Halter was second, with 43%. The third candidate, playing a spoiler role, has forced Lincoln into a run-off against Halter, scheduled for June 8. Halter was recruited to run against Lincoln by the George Soros-financed SEIU (Service Employees International Union), and its president emeritus, Obama confidant Andy Stern. Obama has just appointed Stern to his Debt Commission, whose mandate is to enforce deficit cuts demanded by Wall Street, outside the control of Congress.

Lincoln, chair of the Senate Agriculture Committee, had been four points down from Halter several days before the election. But she came back to beat him, by campaigning hard on the fact that she had proposed an amendment to the Wall Street-backed Financial Reform bill, which just passed the Senate, to ban any federally insured bank from trading in derivatives. The SEIU-led union coalition spent \$57 million to defeat Lincoln, publicly boasting that it would punish her for waffling on the Obama deathcare bill.

The Kentucky Republican Senate primary also reflects the determination of the voters to support those who go against the Wall Street establishment. There

Rand Paul, son of Rep. Ron Paul, swept the primary with 59%, leaving Trey Grayson in the dust. Grayson had been endorsed by Republican establishment figures, such as Senate GOP leader Mitch McConnell and former Vice President Dick Cheney. Paul's popularity leaned heavily upon that of his father, who is best known for his crusade against the Federal Reserve System, including his wildly popular bill to audit that unconstitutional body.

The elections since November 2009 show that an Obama endorsement is the kiss of death. Specter's loss is the fourth defeat of a high-profile Obama-backed candidate in the last six months. In November 2009, Obama-sanctioned Democrats lost the Virginia governorship and lieutenant governorship. The term-limited incumbent, Gov. Tim Kaine, was an early Obama supporter and confidant, and Obama's hand-picked chair of the Democratic National Committee. In heavily Democratic New Jersey, Obama-backed incumbent Democrat, Gov. Jon Corzine, was thrown out. And, on Jan. 19, Republican Scott Brown's decisive victory in Massachusetts over Obama Democrat Martha Coakley for the late Ted Kennedy's Senate seat, sent shock waves throughout the political establishment.

With numerous primaries still to come, and the November elections just over the horizon, the Obama-London gang should be quaking in their boots.

Targets Wall Street, Obama, and ShoreBank

May 20—Rep. Darrell Issa (R-Calif.), the Ranking Member on the House Oversight and Government Reform Committee, has recently taken a number of initiatives which may prove critical in bringing to justice the Wall Street banksters who are doing the bidding of London, by destroying the U.S. economy; and may lead to the long-overdue removal of British puppet President Barack Obama from office:

On May 17, Issa posted on his website the three AIG bailout documents delivered to the Committee by the Federal Reserve Bank of New York: electronic files, and documents separately provided to Neil Barofsky, the Special Inspector General for TARP.

On May 19, the day after Rep. Joe Sestak's defeat of Sen. Arlen Specter in the Pennsylvania Democratic Primary, Issa posted two items on his website designed to escalate the pressure on Sestak to come clean about the bribe offered to him by someone in the White House to withdraw from the race; he further demanded that Attorney General Eric Holder appoint a Special Prosecutor.

In a statement entitled "President Obama Calls To Congratulate Sestak, Wonder If That Job Offer Still Stands?" Issa wrote: "Could the reason why Congressman Joe Sestak refuses to name names be because the very people who tried to bribe him are now his benefactors? For months, Sestak has repeatedly said without equivocation that the White House illegally offered him a federal job in exchange for dropping out of the race. Was Joe Sestak embellishing what really happened or does he have first-hand knowledge of the White House breaking the law? If what he said is the truth, Joe Sestak has a moral imperative to come forward and expose who within the Obama Administration tried to bribe him."

Issa's statement on Holder was headlined, "As Attorney General Dodges Questions, Moral Imperative Demands Sestak Set the Record Straight on White House Bribe Attempt": "The Attorney General refuses to answer direct questions on whether the Justice Department is investigating what would amount to multiple felonies. Either Joe Sestak has been lying for months and he should say so or he has first-hand knowledge of

the White House breaking the law and has a moral imperative to come forward and expose who within the Obama Administration tried to bribe him."

Issa also sent a letter to White House Counsel Robert Bauer on May 19, calling on him to explain the Obama Administration's role in bailing out ShoreBank of Chicago. The bank was told that it needed to raise \$200 million in capital to avoid being seized. Goldman Sachs, Citigroup, JPMorgan Chase, and GE Capital ponied up \$150 million for the bailout. The bank reported a \$105.3 million net loss for 2009, and a further loss of \$17.3 million in the quarter ending March 31, 2010.

Issa wrote: "The Administration's apparent support for a ShoreBank bailout has predictably created a situation in which potential investors may be attempting to gain favor with the White House by contributing to the bailout fund. The unusually high level of interest in the bank's survival among individuals well-positioned to contact the FDIC and state regulators merits heightened scrutiny of the process by which ShoreBank is either saved or closed. For this reason, I was alarmed to read that a source claims Mr. Ludwig implied to potential investors that the White House would look favorably on those who contribute to the bailout of ShoreBank during a recent conference call. . . . Perhaps more problematic are allegations that Goldman Sachs Chief Executive Lloyd Blankfein has agreed to contribute to the ShoreBank bailout as part of an effort to repair Goldman's damaged relationship with the White House.

"Considering that Goldman Sachs is currently the subject of a Justice Department criminal investigation, it is important to avoid even the mere appearance that Mr. Blankfein is attempting to curry favor with the Administration by contributing money to save the White House's favorite community bank."

Questions posed in Issa's letter to Bauer include:

1. "Has anyone at the White House had any contact with officials from ShoreBank?"
2. "Has anyone at the White House encouraged any individual or bank to invest capital in ShoreBank?"
3. "Has anyone at the White House contacted any potential investors regarding ShoreBank?"
4. "Has anyone at the White House participated in any way during conference calls wherein individuals representing ShoreBank were attempting to raise capital from private investors?"
5. "Has anyone at the White House contacted the FDIC or the Illinois Department of Financial and Professional Regulation, Division of Banking regarding ShoreBank?"

National News

Bankruptcy Filings Up 27%, Most Since 2006

May 14—The Administration Office of the U.S. Courts (AO) reported today that bankruptcy filings for the year ending March 31, 2010 rose 27% compared to the same period in 2009. The total number of bankruptcies is the highest since the period ending March 31, 2006. There were a total of 1,531,997 personal and business bankruptcy filings for that period, compared to 1,202,395 the previous year. Of the total, 61,148 businesses went bankrupt, compared to 49,077 the previous year.

In 2005, Congress passed the misnamed Bankruptcy Abuse Prevention and Consumer Protection Act, which was, in fact, aimed at reducing the number of bankruptcy filings by making it more difficult to file for bankruptcy, leaving consumers even more at the mercy of credit card companies, which lobbied heavily for the bill. AO data show a sharp drop in filings after the 2005 law took effect, but they have been rising steadily ever since.

Reuters reports that most experts expect filings to remain above 1.5 million per year for some time to come, because of continuing home foreclosures and high unemployment.

Usual Business: Banksters Ripping Off Cities

May 18—More and more crimes of Wall Street are coming to light to show why the return to Glass-Steagall is absolutely necessary. The latest example to surface is widespread fraud against municipalities and state agencies, in which banks and financial advisors collude to rig bids in the market for guaranteed investment contracts (GICs).

In March, the Justice Department filed a sealed indictment against CDR Financial Products and several of its employees. CDR helps municipalities arrange investment

deals, but instead of trying to get the best deals possible for its clients, the firm colluded with banks to pay lower interest rates on the GICs sold to the municipalities, in exchange for kickbacks to CDR. The result was an alleged “nationwide conspiracy” in which financial advisors to municipalities colluded with Bank of America, Citigroup, JP Morgan Chase, Lehman Brothers, Wachovia, and 11 other banks, according to an investigation by Bloomberg. The investigation found that the conspiracy included more than 200 deals involving some 160 state agencies, local governments, and non-profits. “The whole investment process was rigged across the board,” former IRS operative Charlie Anderson told Bloomberg. “They were gouging the municipalities,” he said.

With the banks screaming that re-regulation—and Glass-Steagall in particular—would “hurt the recovery,” it is worth remembering that this sort of sleazy corruption is how they actually make their money, and that their “recovery” comes at the expense of the rest of us.

Gov. Arnie’s ‘Revision’: Just More Pain and Death

May 14—The much-awaited “May revision” of the California budget was announced today by the son-of-a-Nazi Gov. Arnold Schwarzenegger, and it contained no surprises, as Arnie had already leaked much of what he intended to do, i.e., impose more brutal austerity, which will further threaten the state’s already endangered sick, elderly, and poor people, while offering no plan to revive the state’s dead economy.

While announcing that the deficit for the remainder of the fiscal year 2010-11 is “only” \$19.1 billion, Schwarzenegger said that the only solution is more budget cuts. He proposed a 5% pay cut for all state workers, plus cutting one day of paid work each month; a major cut in in-home care for the elderly and disabled; eliminating what’s left of state-subsidized childcare; and ending the wel-

fare-to-work program by October, which will affect hundreds of thousands of poor families with chronically unemployed adults, and more than 1 million children. He added that he has no plan to increase taxes, meaning that he intends to balance the budget by further reducing the disappearing safety net for the most vulnerable Californians.

As Schwarzenegger released his revised budget, other members of his budget team reported the continued drop in revenue collection, and expressed concern that the “housing turnaround” has not yet occurred. One staffer admitted that pay cuts to all state workers, which is a central feature in Arnie’s “budget plan,” would “likely exacerbate the foreclosure crisis.”

Direct requests for more aid from Washington, have been met by the mantra “just hold on, the economic recovery is coming.”

Goldman, Citi, Morgan: More Heads Will Roll

May 21—Following the Securities and Exchange Commission’s April suit against Goldman Sachs, today Bloomberg/Business Week reported that Citigroup did exactly the same thing for which Goldman was sued, and for which Goldman is now under criminal investigation by the Justice Department.

“Citigroup Inc. sold a series of mortgage-linked securities without disclosing that Morgan Stanley helped shape them while betting they would fail, two people with knowledge of the matter said. . . .

“A Morgan Stanley unit helped select the bonds, the people said, speaking anonymously because the deal was private. Six of the seven series of Jackson bonds later defaulted, costing investors more than \$150 million of losses, data compiled by Bloomberg show.

“Failure to identify that there was a third party participating who would take a short position would have been extremely relevant to the purchaser of this product,” Duke University law professor James Cox said.”

Glass-Steagall, or Else!

In the wake of the U.S. Senate's sellout to President Obama and Wall Street on the issue of Glass-Steagall and the banning of derivatives, the American people are in no mood to negotiate or compromise. They are out for blood, and their first target is the U.S. Congress—as a whole.

When legislators return home to their districts to celebrate Memorial Day and kick off their reelection campaigns, they are going to encounter a level of rage not seen in this country for more than 80 years. Last August's outpouring of citizens to town hall meetings, to express their hatred of the Obama Administration's Hitler-model health-care "reforms," will prove to have been tame by comparison.

The hatred will first be directed at their elected representatives, but the big hate is centered on President Obama. And rightly so. It was Obama, personally, who went wild at the prospect of inclusion in the Dodd bill, of the Cantwell-McCain amendment, reinstating the FDR-era Glass-Steagall breakup of the big banks into separate commercial and investment banks.

Fortunately, the American people have an opportunity to act, to assure that last week's sellout by the U.S. Senate majority, and by the President, is a Pyrrhic victory for Obama's British masters. Congress must be stampeded into acting in the vital interests of the United States and the world as a whole. You, the American people, must make your voices heard.

The LaRouche Political Action Committee has drafted a resolution, demanding the passage of Glass-Steagall and the derivatives ban. That resolution must be adopted by state legislatures, city councils, trade unions, influential community leaders. Make this the most memorable Memorial Day holiday ever. Confront your Senators and Congressmen, and demand that Glass Steagall and derivatives ban be passed now!

Resolution To Pass Glass-Steagall

WHEREAS, the leadership of the U.S. Senate has sabotaged the inclusion of the Cantwell-McCain Glass-Steagall amendment into the so-called financial reform bill, thus leaving our banking system vulnerable to the ongoing blowout of the world financial system, as such is anticipated by the current freeze-up of bank lending, and the 1,000 point "flash" drop in the U.S. stock market; and,

WHEREAS, that same leadership, under pressure from the Obama Administration and Wall Street, has similarly removed any significant enforcement mechanism from that "reform" bill in respect to the trading of derivatives, and has given every indication, as of May 24, that they intend to *remove* the Lincoln amendment, which imposes restrictions on banks' trading in derivatives, from the bill entirely, during Conference discussions with the House of Representatives; and,

WHEREAS, the re-imposition of the Constitutional Glass-Steagall principle that separates commercial from speculative banking, and the shutdown of the hundreds of trillions dollar derivatives casino—both measures which have been strongly promoted and supported by leading economist Lyndon LaRouche—are the indispensable, and inseparable, first steps for saving the U.S. economy, and creating the basis for the launching of a real economic recovery program based on massive infrastructure projects;

THEREFORE, be it resolved that

demands that Congress immediately act to pass the Cantwell-McCain Glass-Steagall amendment (or law), and to adopt measures which will lead to the shutdown of the derivatives market, starting with the Cantwell-Lincoln amendment to the Dodd bill.

See LaRouche on Cable TV

INTERNET

- BCAT.TV/BCAT Click BCAT-2 4th Fri: 10 am (Eastern Time)
- LAROCHEPUB.COM Click *LaRouche's Writings*. (Avail. 24/7)
- LA36.ORG Click on The LaRouche Connection. Select desired show.
- MNN.ORG Click *Watch Ch.57* Fri: 2:30 a.m. (Eastern Time)
- QUOTE-UNQUOTE.COM Click on Ch.27. Tue. 6 pm (Mtn.)
- SCAN-TV.ORG Click *Scan on the Web (Pacific Time)*. Ch.23: Wed. 7 am Ch.77: Mon. 11 am
- WUWF.ORG Click *Watch WUWF-TV*. Last Mon 4:30-5 pm (Eastern)

INTERNATIONAL

THE PHILIPPINES

- MANILA Ch.3: Tue 9:30 pm

ALABAMA

- UNIONTOWN GY Ch.2: Wed, Thu, Fri: 6 am

ALASKA

- ANCHORAGE GCI Ch.12: Thu 10 pm

CALIFORNIA

- CONTRA COSTA CC Ch.26: 2nd Tue 7 pm
- COSTA MESA TW Ch.35: Thu 5:30 pm
- LANCASTER/PALMDALE TW Ch.36: Sun 1 pm
- ORANGE COUNTY TW Ch.95/97/98: Mon 3 pm
- SAN FRANCISCO CC Ch.29: 2nd & 4th Sat 9 pm

COLORADO

- DENVER CC Ch.56 Sun 10 am

CONNECTICUT

- GROTON CC Ch.12: Mon 5 pm
- NEW HAVEN CC Ch.27: Mon & Wed: 6 am; Sat: 6 pm
- NEWTOWN CH Ch.21: Mon 12:30 pm; Tue: 6 pm
- NORWICH CC Ch.14: Tue 8 pm
- SEYMOUR CC Ch.10: Tue 10 pm

DISTRICT OF COLUMBIA

- WASHINGTON CC Ch.95 & RCN Ch.10: Irregular

FLORIDA

- ESCAMBIA COUNTY CX Ch.4: Last Sat 4:30 pm

ILLINOIS

- CHICAGO CC./RCN/WOW Ch.21: Irregular
- PEORIA COUNTY IN Ch.22: Sun 7:30 pm
- QUAD CITIES MC Ch.19: Thu 11 pm
- ROCKFORD CC Ch.17 Wed 9 pm

IOWA

- QUAD CITIES MC Ch.19: Thu 11 pm

KENTUCKY

- BOONE/KENTON COUNTIES IN Ch.21: Sun & Tue: Midnight
- JEFFERSON COUNTY IN Ch.98: Fri 2-2:30 pm

LOUISIANA

- ORLEANS PARISH CX Ch.78: Sun 11 pm; Mon 5 pm; Tue 4 pm; Thu 12:30 pm; Fri 12:30 am

MAINE

- PORTLAND TW Ch.2: Tue 10 pm; Thu 1 am; Sat Noon

MARYLAND

- ANNE ARUNDEL CC Ch.99; FIOS Ch.42: Tue & Thu: 10 am; Fri & Sat: midnight
- P.G. COUNTY CC Ch.76 & FIOS Ch.42: Mon 10:30 pm, Thu 11:30 am

MASSACHUSETTS

- CAMBRIDGE CC Ch.10: Tue 2:30 pm; Fri 10:30 am
- FRANKLIN COUNTY (NE) CC Ch.17: Sun 8 pm; Wed 9 pm; Sat 4 pm
- GREAT FALLS CC Ch.17: Irregular
- QUINCY CC Ch.8: Pop-ins.
- WALPOLE CC Ch.8: Tue 1 pm

MICHIGAN

- BYRON CENTER CC Ch.25: Mon 1 & 6 pm
- KENT COUNTY CC Ch.25: Mon 6:30 am
- KENT COUNTY (South) CC Ch.25: Wed 9:30 am
- LAKE ORION CC Ch.10: Irregular
- LANSING CC Ch.16: Fri Noon
- LIVONIA BH Ch.12: Thu 3 pm
- MT. PLEASANT CH Ch.3: Tue 7 am
- SHELBY TWP CC Ch.20, WOW Ch.18, UV Ch.99: Mon 11 pm
- WAYNE COUNTY CC Ch.16/18: Mon 6-8 pm

MINNESOTA

- ALBANY AMTC Ch.13: Tue & Thu: 7:30 pm
- CAMBRIDGE US Ch.10: Wed 6 pm
- COLD SPRING US Ch. 10: Wed 6 pm
- COLUMBIA HEIGHTS CC Ch.15: Tue 9 pm
- DULUTH CH Ch.16: Irregular. Ch.29: Wed Midnight; Fri 1 pm
- MARSHALL Knology Ch.67: & CH Ch.35/8: Sat. 8:30 am
- MINNEAPOLIS CC Ch.16: Tue 11 pm
- MINNEAPOLIS (N. Burbs) CC Ch.15: Thu 11 am & 6 pm
- NEW ULM CC Ch.14 & NUT Ch.3: Sun 6 am, Tue 9 pm
- PROCTOR MC Ch.7: Tue after 5 pm.
- ST. CLOUD CH Ch.12: Mon 5 pm
- ST. CROIX VALLEY CC Ch.14: Thu 1 & 7 pm; Fri 9 am
- ST. PAUL CC Ch.15: Wed 9:30 pm
- ST. PUAL (N.Burbs) CC Ch.21: Mon 7 pm, Tue 3 am & 11 am.

- ST. PAUL (S&W Burbs) CC Ch.15: Mon, Wed, Fri 9 am
- SAULK CENTRE SCTV Ch.19: Sat 5 pm
- WASHINGTON COUNTY (South) CC Ch.14: Thu 8 pm

NEVADA

- BOULDER CITY CH Ch.2: 2x/day: am & pm
- WASHOE COUNTY CH Ch.16: Thu 9 pm

NEW HAMPSHIRE

- CHESTERFIELD CC Ch.8: Wed 8 pm
- MANCHESTER CC Ch.23: Thu 4:30 pm

NEW JERSEY

- BERGEN CTY TW Ch.572: Mon & Thu 11 am; Wed & Fri 10:30 pm
- MERCER COUNTY CC Trenton Ch.26: Irregular
- WINDSOR Ch.27: Irregular
- MONTVALE/MAHWAH CV Ch.76: Mon 5 pm
- PISCATAWAY FIOS TV Ch.40, CV Ch.15: Thu 11:30 pm
- UNION CC Ch.26: Irregular

NEW MEXICO

- BERNALILLO COUNTY CC Ch.27: Tue 2 pm
- LOS ALAMOS CC Ch.8: Wed 10 pm
- SANTA FE CC Ch.16: Thu 9 pm; Sat 6:30 pm
- SILVER CITY CC Ch.17: Daily 8-10 pm
- TAOS CC Ch.2: Sat: 10 pm

NEW YORK

- ALBANY TW Ch.18: Wed 5 pm.
- BETHLEHEM TW Ch.18: Tue 6 am
- BRONX CV Ch.70: Wed 7:30 am
- BROOKLYN 4th Friday: CV Ch.67: 10-10:30 am TW Ch.34: 10-10:30 am RCN Ch.82:10-10:30 am FIOS Ch.42:10-10:30 am
- BUFFALO TW Ch.20: Wed & Fri 10:30-11pm
- CHEMUNG/STEUEN TW Ch.1/99: Tue 7:30 pm
- ERIE COUNTY TW Ch.20: Thu 10:35 pm
- IRONDEQUOIT TW Ch.15: Sun 10 am
- JEFFERSON/LEWIS COUNTIES TW Ch.99: Irregular
- MANHATTAN TW, RCN Ch.57/85, Verizon FIOS-TV Ch.35: Fri 2:30 am
- ONEIDA COUNTY TW Ch.99: Thu 8 or 9 pm
- PENFIELD TW Ch.15: Sun & Tue
- QUEENS: 4th Sat monthly 2 pm TW Ch.56, RCN Ch.85, Verizon FIOS-TV Ch.36
- QUEENSBURY TW Ch.18: Mon 7 pm
- ROCHESTER TW Ch.15: Irregular
- ROCKLAND CV Ch.76: Mon 6 pm

- SCHENECTADY TW Ch.16: Fri 1 pm; Sat 1:30 am
- STATEN ISLAND TW Ch.35: Tue 8:30 am & Midnight
- TRI-LAKES TW Ch.2: Sun 7 am, 1 pm, 8 pm
- WEBSTER TW Ch.12: Wed 9 pm
- WEST SENECA TW Ch.20: Thu 10:30 pm

NORTH CAROLINA

- HICKORY CH Ch.6: Tue 10 pm
- MECKLENBURG COUNTY TW Ch.22: Fri 12:30 am

OHIO

- AMHERST TW Ch.95: Daily Noon & 2 pm
- OBERLIN Cable Co-Op Ch.9: Thu 8 pm

PENNSYLVANIA

- PITTSBURGH CC Ch.21: Irregular

RHODE ISLAND

- BRISTOL, BARRINGTON, WARREN Full Channel Ch.49: Tue: 10 am
- EAST PROVIDENCE CX Ch.18; FIOS Ch.24: Tue: 6 pm
- STATEWIDE RI INTERCONNECT CX Ch.13; FIOS Ch.32 Tue 10 am

TEXAS

- HOUSTON CC Ch.17 & TV Max Ch.95: Wed 5:30 pm; Sat 9 am
- KINGWOOD CB Ch.98: Wed 5:30 pm; Sat 9 am

VERMONT

- BRATTLEBORO CC & SVC Ch.8: Mon 6 pm, Tue 4:30 pm, Wed 8 pm
- GREATER FALLS CC Ch.10: Mon/Wed/Fri 1 pm

VIRGINIA

- ALBEMARLE COUNTY CC Ch.13: Sun 4 am; Fri 3 pm
- ARLINGTON CC Ch.69 & FIOS Ch.38: Tue 9 am
- CHESTERFIELD COUNTY CC Ch.17; FIOS Ch.27: Mon 1 pm
- FAIRFAX CX & FIOS Ch.10: 1st & 2nd Wed 1 pm; Fri 10 am; Sun 4 am. FIOS Ch.41: Wed 6 pm
- LOUDOUN COUNTY CC Ch.98 & FIOS Ch.41: Wed 6 pm
- ROANOKE COUNTY CX Ch.78: Tue 7 pm; Thu 2 pm

WASHINGTON

- KING COUNTY CC Ch.77: Mon Noon BS Ch.23: Mon Noon
- TRI CITIES CH Ch.13/99: Mon 7 pm; Thu 9 pm

WISCONSIN

- MARATHON COUNTY CH Ch.98: Thu 9:30 pm; Fri Noon
- MUSKEGO TW Ch.14: Sun 7 am, Mon & Thu: 5:30 pm
- SUPERIOR CH & MC Ch.7: Tue after 5 pm.

WYOMING

- GILLETTE BR Ch.31: Tue 7

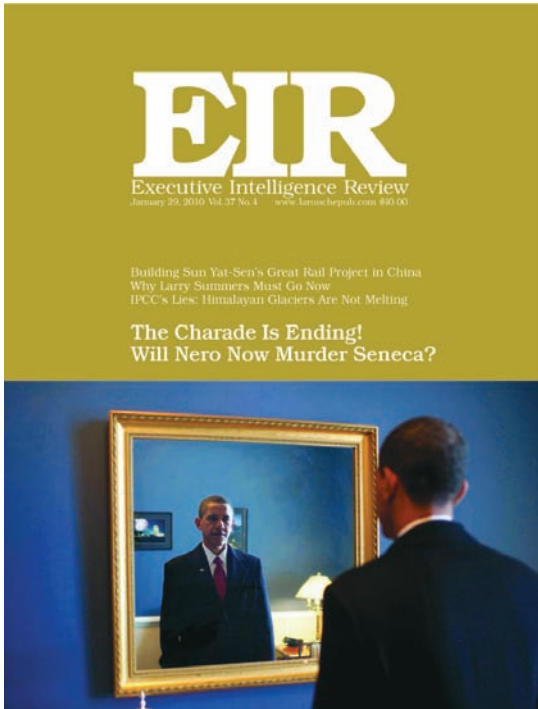
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