

JOURNEY INTO THE LIGHT

THE AWAKENING

Harry Sun

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Dedication

This book is dedicated to my parents,
who have always encouraged me to think extraordinary thoughts
and do extraordinary things.

I also dedicate this book to my wife,
who completes me.

Introduction

It has been more than two years since I have gotten the sudden inspiration to write this book. My hesitation is largely due to the fact that some topics discussed in this book are pure subjective matters, which is something that I am not used to. I was trained as an econometrician and later software engineer, and I generally do not feel comfortable making conclusions without support of observable data and empirical evidences. But the very fact you are reading this book indicates that I have already grown out of that stage of my being.

Like probably everybody else, as I go through different stage of my life – kindergarten, primary school, high school, college, graduate school, work, etc., I always have such questions at the back of my mind: who am I? Where do I come from? Why I am here? What is the purpose of life? But as I was busy dealing with the challenges of daily life, I had never gotten the opportunity to give those questions more thoughts until 2008.

I left my job with a major financial firm in early 2008 in the midst of financial crisis. At that time, I was involved in developing analytic and valuation models for mortgage derivative products. As the subprime mortgage market experienced distress in 2007, the stress from my work became too much to bear. I decided to take some time off to relax and recuperate. But I have never expected that the hiatus would last more than six years.

Over the past six years, I spent lots of time pondering those perpetual questions. In the process of searching for the answers, I have acquired many profound knowledge and interesting experiences which I hope to share with you in this book.

I have a small circle of friends with whom I frequently share my thoughts and my discoveries. In each chapter of this book, I firstly present one of such correspondences and then I will expand on my thinking then and what I have discovered afterward. In order to preserve the real-time experience of my discovery, I try to minimize any modification to those email correspondences. As my thoughts and experiences are still constantly evolving, change will be the dominant scheme in this process.

I sincerely hope that this book will help to inspire you to start your own journey for the true relationship between you and the bigger Reality, and to discover your true power within. It should be expected that, after finishing reading this book, you will have more unanswered questions than you do before reading it. It is the pursuing for the answers of these questions that keep us going in life.

Thank you,

Harry Sun

August 2014

Table Of Content

Contents

Disclaimer.....	3
Dedication.....	4
Introduction.....	5
Table Of Content.....	7
Chapter One I am still alive.....	8
Chapter Two 2008 Financial Crisis.....	18
Chapter Three The lasting impact of financial crisis.....	36
Chapter Four The Great Surveillance State.....	45
Chapter Five Shadowy Groups at Work.....	54
Chapter Six From Darkness to Light.....	69
Chapter Seven A Closer Look At Our World.....	79
Chapter Eight Sea of Energy.....	95
Chapter Nine The Co-creator Of the Universe.....	108
Chapter Ten Vision of the New World.....	120
Bibliography.....	126

Chapter One I am still alive

Many historians would argue that the tragedy of 9/11 was the turning point of contemporary world history. It definitely has profoundly and irrevocably changed my life and my perception of this grand theatre of life.

The following is an email which I sent out ten days after the tragedy.

September 21, 2001

Hi, everybody,

Yes, I am still alive! Thanks you for your concerns, email and phone calls. I would like to share my experience in this deadly terrorist attack with everybody.

I. I AM STILL ALIVE

I am still alive! There were estimated 10,000 to 15,000 people in the World Trade Center twin tower at the time of attack. About 6000 of them are still missing. So the chance of surviving is only 40% to 60%.

However, the chance is not purely random. Most of people who are perished were working in higher floors (80 and up in North Tower, and 60s and up in South Tower). My company, Lehman Brothers, occupied three floors in North Tower -- 38 to 40. All but one of our employees survived.

I was summoned back to work (at a new office) Thursdays morning (Sept 13). We have been working days and nights for four days to rebuild and restored the firm trading systems. As a matter of fact, our government bonds and Mortgage Backed Securities trading started before

the end of the week. From Monday (Sept 17), our equity trading systems are all up and running. Our life goes back to normal.

But our life will never be the same as before.

II. World Trade Center

I joined Lehman Brothers at the end of June, after leaving Goldman Sachs. I still remember that, when I was there for the 1st interview at 38th floor, my manager-would-be asked how I liked World Trade Center. I said that I felt great. I noticed, since then, that there was always very loud "roar" sound around the elevator, which was, I think, made by the wind pass through the elevator tunnels at very high speed. I also heard that the towers were designed to swing amid high wind to protect the structure of the building.

There is a stage at the center of the WTC plaza. During the summer season, there are always performances at lunch time: Jazz, Rock & Roll, and Salsa dance, etc. On a sunny day, there are usually thousands of people on the plaza, singing and dancing together with the performers. I was down there several times just very briefly.

In the South Tower, there is the "Window of the World" service, where you can visit the top floor of the tower. There is also a Broadway Musical Ticket booth inside the Lobby where the discounted tickets for current day major Broadway shows are sold. On August 31, I bought tickets of the "Les Miserable".

My work is pretty intensive. I used to go to gym every other day to make sure that I am always ready for the toughest tasks. The gym is located in 3 World Financial Center, just one block

from the World Trade Center.

III. September 11

Different from a normal day, I had a very bad sleep on the night of September 10. After I finished my daily phone conversation with my girlfriend, I found that I was not sleepy at all. But I knew that I had to get up at 5:45 a.m. to go to gym, I forced myself into sleep.

When the alarm clock pulled me out my dream at 5:45 a.m., I immediately got up and started getting things organized. I left home around 6:10, when it was still dark outside. I drove for about 10 miles to a train station, and took the train there to the final destination -- WTC. It was 7:15 a.m. when I arrived at my office. There were already people coming in but not a lot. I put my bag on my desk and turned on my PC and UNIX box. Then I grabbed my running shoes, and went back down to lobby. I noticed that there were two colleagues already in the office.

The gym is on the 4th floor of WFC, one block away from WTC. I used to spend about one hour there and then went back to work. I definitely need to go back before 8:30 a.m. That day, I finished my routine at around 8:25 a.m. After taking a shower, I went to the elevator. When the elevator door opened, to my surprise there was nobody in it. It was about 8:45 am, there were usually people coming in and having breakfast. I had never had an empty elevator before.

When I got to the lobby of WFC, I saw a large crowd heading toward the main entrance. A security guard stopped me when I tried to walk toward WTC. I thought "Damn it, a fire drill. I will be late today." I moved with the crowd very slowly through the main entrance and onto the street to the north of the WTC North Tower. I immediately found out that it was not a fire drill, since there was smoke -- really thick and dark smoke -- coming out of one floor of the North

Tower. On the north side of the building two or three floor under, there was a huge "scar". (The first plane probably entered the building from east side. The "scar" could have been slashed by the wing. But I could not see the east side of the building.) People were watching and there were people (mostly ladies) crying. I heard that there was an airplane crashed into the building. I was shocked by what I saw but was still wondering whether I should go back to work since the fire was on the higher floors. At the same time, I sensed the fire could be very serious judging from the thick and dark smoke... Like most of the people there, I did not know what to do.

IV. The Explosion

I heard the siren from all the directions. Probably out of human basic instinct, I was walking slowly to the North, away from the WTC. Suddenly, I heard a very loud explosion. I turned my head and saw a large fire ball coming out of the east side of the South Tower. The watching-crowd started running to the North. One guy said that he saw a large airplane flied into the South Tower. At this time, everybody realized those fire and explosion were terrorist attacks. Not knowing which building could be the next target, I ran along the west side (east bank of the Hudson River) of Manhattan and ready to jump into the water if the attacks persist (I will swim to the other side of the river -- New Jersey). After about half mile, people started slow down. From time to time, I turned back and saw that the smoke on both towers extended to all the floors above the initial one, and it became thicker and thicker ... I knew that I was in a War but I did not know where the enemies are.

The rest is history ...

V. Conclusion

The impact of this attack is so profound that it could take years before we realized how our life has been changed.

More than 6000 lives lost, including those terrorists; more than US\$ 20 billion of property damage; more than US\$ 100 billion of direct loss of business; tens of trillion of dollars loss in market value of stock markets worldwide; a definite US recession; possible WWII ...

We are definitely in a War. We might have lost this battle, but we will win the "war". However, we need to know how to first.

Please let me know if you have any questions, or if you would like to confirm it is me who wrote this email.

Thanks and talk to you guys later,

I was born in China, and I came to US to pursue graduate study in Economics and Statistics in 1990s. After many years of hard work, I graduated with advanced degrees in Economics and Computer Science, and started career on Wall Street as financial analytics programmer. Despite having not been born in an environment with prevalent religious beliefs, since very young age, deep insider my heart, I constantly had the feeling of some existence more powerful than my physical being.

Since you are reading this book, I believe that we have something in common: we like to think critically and we like to find answer in our own way. But sometimes the search will lead us to place where we have never dreamed of.

I was working at Lehman Brothers on the fateful day of September 2001, and my office was at 38th floor of WTC 1 (North Tower). That event had profound impact on me psychologically and for about three years, I could not tolerate loud music (which means no IMAX movie), the sound of siren, and would avoid air travel. I have never had 2nd thought to the official narratives surrounding the event, because like most people, I was busy focusing on my work and the daily life.

One day in 2008, after I resigned from my job at one of the major asset management firm, I was browsing the instant movie library on the Netflix. And I noticed that, based on my taste, the artificial intelligence program has recommended a documentary – *Loose Change: The American Coup*. And I watched from the beginning to the end.

Shocked by the seemingly outlandish claims and accusation made in movie, I decided to investigate myself: I want to see whether it is possible to verify those claims, which apparently contradict the official version of the event, using pure facts and scientific knowledge that I have already possessed since, in such a political case that carries profound implications, the testimonies of the eye-witnesses or expert-witnesses have to be greatly discounted.

Here are my findings:

1. The WTC 7 is the Achilles Heel of the prevalent version of 9/11 story.

No plane ever hit WTC 7 but it collapsed at close-to free fall speeds. Falling at close to free fall means that the support from those steel frames at each floors suddenly disappeared so that the higher floors continue to fall to ground without much resistant forces. But WTC 7 only suffered some isolated fire damage in a few floors. The steel

frame on the entire building cannot just suddenly disappear into the thin air sequentially.

2. What hit Pentagon: A Boeing passenger jet or something else?

There are not enough visual evidences to show that Pentagon was hit by a Boeing commercial airline jet: the pictures taken shortly after the attack showed only a round entry hole on the side of the building. There were not visible damaged caused by two jet engines, two massive wings and the vertical stabilizer. Nor were there large pieces of wreckage of engines, wings, vertical stabilizer, or fuselage. It is reasonable to believe that Pentagon is the most monitored building in the world, but so far no surveillance video footage has been released showing clearly that a Boeing jetliner hit the Pentagon. As far as I know, Pentagon only released three still photos taken by one of the surveillance camera and none of them shows clearly that it was a Boeing airliner jet. Reasonable minds will wonder why Pentagon was so reluctant to release more surveillance video footages to prove that it is indeed a Boeing passenger jet.

The official story was never able to give good answer to these questions. I was especially surprised by the fact that NIST, a nationally reputable scientific institution, published a report in 2008 on WTC 7 asserting that WTC 7 collapsed due to fire damage on building steel structure but acknowledged that NIST had never investigated the hypothesis of controlled demolition because “it is not plausible”.

There are many books written about the alternative theories on 9/11. Thousands of pilots and structural engineers have come out and called fresh investigation into the collapse of WTC towers. Many experts have demonstrated the evidences that support

the controlled demolition hypothesis: presence of nano-thermite in WTC dust; the “molten steel lava” at the WTC basement; eyewitness of hearing explosion coming from WTC basement. Many people asked how people can wire the building for controlled demolition without being noticed. Base on my understanding, WTC’s main-support concentrates in the center of the building and is comprised of 47 steel columns extending from the bedrock to the top, and all of them are accessible from the elevators. So it is possible to wire the core steel support columns on all 110 floors by using the elevators without being noticed.

There are more hypotheses came out over the years on what have caused the WTC towers to collapse. The most interesting one so far is Dr. Judy Wood’s “direct energy weapon” hypothesis, which is also supported by visible evidences such as molten steel lava, pulverized concrete, many toasted vehicles with missing parts a few blocks from the WTC crime scene while paper in or around them were not burnt, and “spontaneously car combustion without visible causes” etc. You can make further research into Dr. Wood’s work on the Internet.

At the first glance, this hypothesis sounds little stretched. However, after I learned about the experiments conducted by Canadian scientist John Hutchinson using high frequency and high voltage electromagnetic waves, I started to consider such theory plausible. More discussion on John Hutchinson’ experiment will come in later chapters.

Since I was almost killed in 9/11, I have very strong feeling about these inconsistencies. Especially with the hindsight of what happened to the world ever since 9/11, I decided to explore the subject more to answer the following questions: Did anybody have

foreknowledge of it? Did anybody benefit from it? If yes, did they plan it? Why would they want to do it, or rather, in the bigger picture, what does such tragic event serve?

I decided to pursue the “bread crumbs” to wherever they might lead to. But I did not know then that the reality we experience is like a façade, it will suddenly reveal its true nature when one starts to question about it. It is like waking up from a dream. The only difference is that this time I woke up from the “reality” which I used to perceive as “real”.

Chapter Two 2008 Financial Crisis

The global financial crisis of 2008 caused lots of suffering all over the world. I would have never imagined that I could be present in the very eye of the Subprime mortgage super storm as it ravaged the American financial landscape.

In December 2008, I wrote the following

Hi, All,

I can recall that I wrote a piece about my intimate experience with 911 sometimes ago. This time I had the privilege to witness the 21st century American Financial Crisis and Economic Crisis from the very eye of the storm. I bet that you have probably read a lot about the unfolding events since July 2007 and wonder whether all these might lead to. I do not have the answer but I will point out some possibilities:

(1)Some people are better off from this global financial crisis, just as there were people who have benefitted from Asian Financial Crisis, South American Financial Crisis, etc.

The key is the CDS (Credit Default Swap) market. There are more than \$50 trillion contract notional outstanding and 90% of those are bought by speculators. Since CDS contracts are traded over-the-counter, nobody knows the exact net exposure of everyone else.

But it is how John Paulson, a famed hedge fund manager, made more than \$3 billion profit in 2007 alone buying protection against credit-deterioration in ABS backed by subprime mortgage.

It is chilling to realize that those people who are about to profit from further deterioration of the global economy would likely to fight or delay any potential rescue effort by the government.

(2) It is possible that the timing of Lehman's demise is planned.

If you take a look of the historical stock price chart of LEH, the final death plunge started in early September, when Obama/Biden's poll number started lagging.

In hindsight, we know that Lehman Bankruptcy helped Obama's candidacy by pushing the economic issues to the front and center of the presidential election and boosted US Dollar during a very crucial period. Who timed all these and to whom Obama/Biden owe their success? I do not know.

(3) Is current Russian Financial crisis a text book case?

Hike in commodity prices (largely caused by speculators from Wall Street) -> huge current account surplus and increasing foreign currency reserve; Crash in commodity prices since July 2008 -> shrinking surplus or potential deficit, and rapidly depletion of foreign currency reserve as investors are pull out -> subdued growth in real economy

Do these scenarios sound familiar? Yes, because they happened during Asian economic crisis and South American financial crisis.

Are those all natural processes? I doubt it. I think with high confidence that these misery are partially caused by international financial predators which control hundreds of billions of dollars in capital and which could potentially deploy trillions of dollars through swaps or other derivatives.

But the fundamental question is why there are people who happen to be on the wrong side of trade? Why someone would long oil future contract at \$140 in July and now be squeezed by the

mounting margin call?

Because Wall Street, similar to religious institutions, is selling a notion and a belief that one of the uncertain scenario (out of many) would become certain sometimes in the future. A future which none of the practitioners knows for sure, but the perceived certainty is necessary in order to sell.

(4) World financial system is intrinsically unstable.

In a competitive market economy, every economic agent takes prices as given. And the market clearing prices determine what and when to produce/consume, how many units to be consumed/produced.

One of the major profit sources of Wall Street is to act as counter party of your trades/contracts. In order for them to make profit, they have to attract enough people to bet against a scenario which turns out to be true eventually. That partially explains why we have seen wide swing in asset prices during past three decades while the real economy was growing steadily.

As you know, economic growth path is not a natural process. The economic agents' expectation and belief about the future economic growth paths at present time would likely influence the actual realized growth path in the future. If a group of powerful economic agents could influence the perceived "market-clearing" prices, then they could manipulate other unsophisticated economic agents' expectation and belief.

With the invention of many kinds of derivative products (CDS, IRS, etc.), the power of economic agents could be magnified tens or hundreds of times. Those powers are largely invisible for now

but their influence could no longer be ignored. If Chinese government had relinquished the control in the banking system and foreign exchange system during the past several years, then China could have already fallen into a financial/economic crisis similar to what Russia is in now.

(5) If you look close enough, you see a giant PONZI scheme

The CEO of late Lehman Brothers -- Dick Fuld -- received \$700 million compensation during the past 6 years. Goldman Sachs CEO -- L. Blankfein -- was awarded \$70 million compensation in 2007 alone. In hindsight, it is obvious that their compensations come from the loss suffered by millions people's retirement savings and from the huge national debt which our children have to pay back. The CEOs got away because they are earlier investors and the facilitators of this giant PONZI scheme. But it will take generations of hard work of millions of people to fill the hole.

(6) Economics as religion

During Asian Economic crisis and South American Financial crisis, many who were in charge in those affected countries had studied economics in great American institutions such as Harvard or MIT. They deregulated the financial systems and privatized vital industries, following the textbook advices of great economists of our time. But they failed miserably again and again (think of Argentina, Mexico, etc.).

*I think that the problem is that those people only learned the scripture but not the "spirit":
In an open economy, the economic growth process is not a natural process. It is a social process. At times, a group of powerful economic agents can shape the reality to their best*

benefit. It is not just about growth and profit, it is also about control.

In 2007, I worked at a global financial firm building analytical routines for valuation of mortgage backed securities such as Agency MBS, RMBS, CDO, etc. As the market prices of subprime mortgage bonds plummeted through 2007, I noticed disturbing trend in the loan performance of subprime mortgages. The secondary dealer markets for RMBS (Residential Mortgage Backed Security) and CDO (Collateralized debt obligation, which is a derivative of mortgage debt or other forms of debt) gradually ceased to be liquid, especially after the collapse of two Bear Stearn fixed income hedge funds: there was no buyer at any price if you want to sell large chunk of underperformed RMBS or CDO bonds. (The 2011 movie “Margin Call” seems to suggest that one Wall Street firm in 2007 decided to dump majority of its holding of subprime related derivative products and hence triggered the sudden price deterioration in the RMBS market. So it indirectly triggered the collapse in Bear Stearn asset-backed hedge funds, and the freezing of the subprime mortgage market. That Wall Street firm is rumored to be Goldman Sachs.)

Since I left my work in early 2008, I spent time on researching the collapse in mortgage market and the resulted financial crisis. Here are my findings:

(1) Many seasoned financial professionals should have seen it coming.

As a matter of fact, many financial professionals have indeed sounded cautious tones on the rapid appreciation of housing prices in 2005 and 2006, and the proliferation of no-money-down and no-doc mortgage loans in “red hot” market such as California and Florida. However, the Federal Reserve and major financial institutions apparently

decided to ignore those people so that the free market can take its rein. In 2004, Federal Reserve Chairman Alan Greenspan, a champion of banking privatization, advocated refinancing with adjustable-rate-mortgage (ARM) to take advantage of lower rate. According to Sandy Weill's own account, Alan Greenspan personally approved the merger between his Traveller's Group and CitiBank, hence effectively repealed the Glass-Steagall Act, which was enacted in 1933 as the result of Great Depression and limited the combination of investment banking and commercial banking businesses.

With a post-graduate degree in economics and many years of working experiences in financial industry, I could sense that the problems with the subprime mortgage would cause massive losses to some of the investment and commercial banks on the Wall Street, which could in turn lead to an economic recession, as the stock market reacts negatively. I do not believe that people such as Federal Reserve Chairman Ben Bernanke or Treasury Secretary Hank Paulson, who had more experience and likely better understanding of how financial markets work, did not see the seriousness of the incoming systemic problem of mortgage crisis.

(2) The regulators should not have let Lehman Brother bankrupt.

Lehman Brother is a major dealer in financial derivative products backed by subprime mortgages. It is reasonable to assume that, when the subprime and commercial mortgage bond markets almost ceased in the 2nd half of 2007, Lehman should have had large amount of inventory of such products stuck on its balance sheet. For example, say Lehman "warehoused" \$100 billion subprime and Alt-A grade mortgage loans in order to package, securitize, and sell them to institutional investors in a few months. Once the trading market was frozen, they had to carry these mortgage papers onto its own

balance-sheet. Given the market was so depressed and illiquid, the quoted market price on the product is about 50 cents per \$1 face value or lower. That means that Lehman had to take about mark-to-market \$50 billion loss on its balance sheet. Disclosure of such large amount of loss could prompt the investors to question Lehman's viability. As you can see, in the situation of distressed market, the Federal Reserve and/or other regulators have to step in to provide short-term backstop in order to stabilize the particular market, otherwise no investment bank can survive such distress in the market given their operations are highly leveraged and they have never left enough capital cushion to deal with this kind of "once-in-one-hundred" year event.

The other consideration is the accounting rules that applied on the investment banks. GAAP accounting rules require the investment banks to price the securities held on its book for the purpose of reselling by using mark-to-market method. This rule is sound in a normal financial market since it promotes transparency. However, in a distressed market, the market prices might not be accurate reflections of true market demand and supply, since the market makers, i.e. those institutions which buy and sell to make markets for securities, are largely absent given the volatility and uncertainty. It is imperative for the regulators to step in to stabilize the market and restore the confidence.

But the US Treasury led by Hank Paulson and Federal Reserve Banks led by Ben Bernanke surprisingly let Lehman Brother bankrupt. It is interesting to note that, probably in 2010, I heard Bernanke commented on one of his testimonies before the Congress that he tried to convince "them" not to let Lehman fail but "they" did not

listen. He said that when a Congressman was questioning him why Federal Reserve did not rescue Lehman given the potential devastation to the wider economy.

So why the US Treasury and Federal Reserve did not rescue Lehman Brother like they did with Bear Stearns? In hindsight, there are a couple of considerations:

Firstly, there were many influential institutional investors who had massive short positions on mortgage derivative backed subprime loans and they were poised to profit handsomely if the performance of the subprime mortgage loans deteriorate. The worse those loans perform the more profit the short-sellers can reap from these short positions.

Here is an illustration on how such scheme works:

When a home buyer or refinancer takes out a mortgage loan with a commercial bank, the loan usually is sold quickly to an Investment Bank, such as Lehman Brother, Bear Stearns, or Goldman Sachs. The investment banks will pool thousands of mortgage loans together and create a financial product which can be traded on the market, the same ways as debt securities issued by US Treasury, or debt securities issued by Municipalities. Since the average subprime borrower in US has a rating of B, so the expected bond rating of the straightforward pool would be at the same level. But the most demanded rating level in the US bond market is AAA, as many pension funds and mutual funds have mandate to invest in only AAA rated debt securities. So the investment banks have to reconcile the massive imbalance between the supply of B rated security pools and the market demand for AAA debt securities. That is where the Wall Street financial engineering came in: they solved the supply/demand imbalance by

slicing the mortgage pools into different tranches, where the lower or more speculative tranches will take all the losses and hence the higher “protected” tranches could be rated AAA. For example, if the historical loss rate of certain pool is 7%, then equity tranche (i.e. the highly speculative junk piece) can be created to absorb the residual gain/loss, then more BBB, BBB+, AA tranches can be created to mitigate the potential loss of interests and principals in a sequential manner so that the rest of tranches of the pools could be rated as AAA. In another word, the risk of default by the average B rated subprime borrower is reduced by the various loss absorbing tranches/slices so that the large chunk of the pools can be considered extremely safe investment, assuming the future default and loss trend will be similar to the historical experiences. This newly engineered financial instrument is called ABS, or Asset Backed Securities. Usually the AA, AAA rated tranches/slices of ABS are sold to Mutual Funds, Pension Funds, other institutional investors, while the risky tranches, such as BBB, BBB-, or equity tranches/slices, are sold to hedge funds or other investors with higher risk appetite. In a normal market, every participant are happy and the investment banks are booking huge profits, because the actual cash flow and realized loan loss are in line with projection.

As a matter of fact, the ABS products have been in existence for many decades, and have different types, such as ABS backed by credit card debt, ABS backed by commercial mortgages, ABS backed by student loans. You can create ABS products on almost anything that gives you an income stream. A couple of years ago, I heard that one Wall Street firm was going to create ABS backed by income streams from prison facilities.

Everything makes perfect sense so far, until the investment banks crank up their financial alchemical machine to create more secondary or tertiary derivative products

on the top of ABS in order to generate more profit and also to promote the demand for their lower rated (A, BBB+, BBB, etc.) tranches/slices. One of these “beasts” is called CDO, or Collateralized Debt Obligations. Before I get deeper into CDO, I would introduce a concept – CDS, or Credit Default Swap. Despite the sophisticated sounding of the term, the underlying concept is quite straight-forward. CDS is one type of financial contracts which allow the buyer of the contract to profit from deterioration of the performance of the underlying security while the seller of the contract receives periodic payment if everything is well but is obliged to pay to the buyer any losses that the underlying financial security might suffer. It works like an insurance product: the buyer of the home insurance pays a periodic premium and will receive a promise of lump sum payment from the seller of the insurance in case of insured event.

One of the practical uses of CDS is for the bondholders to hedge out the default risk of their holdings. But unlike the usual insurance products, such as life insurance or home insurance, the buyers of CDS do not need to actually own any of the underlying debt securities. And the CDS market is solely over-the-counter so that the relevant information, such as the total transaction volume, the total outstanding positions, and the aggregate positions for each counterparties, etc. are not known. That is to say, you can buy life insurance on anybody that you choose and at any amount you desire, and you can remain anonymous. An opaque and unregulated gambling market is the essence of CDS market.

To create Collateralized Debt Obligations (CDO), the investment banks pool the BBB-, BBB, and BBB+ lower tranches/slices of selected ABS securities using Credit Default Swap contracts, then divide them into tranches again. In the process, they can create

large chunk of AAA rated debt tranches/slices and sell them to Pension Funds or Mutual Funds. You might recalled I talked earlier about financial alchemy of transforming the average B rated subprime mortgage pools into large chunks of AAA rated trances and many lower rating tranches. But I forgot to mention an important assumption made there: the underlying borrowers in aggregate can largely maintain their average B rating in the expansion and recession of a normal business cycle, and they should not suffer sudden mass default. This assumption of mitigation of risk through diversification is important to maintain the quality of the AAA rated tranches/slices. What we learned later is that this assumption was violated when the housing prices fell more than 60% in many area of California so that there were incentives for mass default, and when the unemployment rate jumped so high that the ability and willingness to pay the monthly payment for large section of the subprime borrowers were adversely affected.

The synthetic CDO structure is different from that of ABS in that the former is a synthetic product so that the trust structure does not own anything actual securities other than receiving, through CDS contracts, a periodic payment plus gain/loss in reference to the performance of underlying BBB-/BBB+ tranches included in the structure.

The fatal flaw of subprime CDOs is that the referencing assets included in the structure are all lower tranches of subprime mortgage pools which are designed to absorb the initial losses in principal and in interest payment. In case of nation-wide declining in housing prices and slowing down in economy, these lower tranches would likely suffer significant or total losses almost simultaneously, so that the entire referencing asset of the CDO structure could easily be wiped out and the AAA tranches holders could suffer

total loss of principals. Such setup obviously violated the assumption of mitigation of risk through diversification. In fact, it is the amplification of risk through concentration if the certain conditions are met: a financial “Weapon of Mass Destruction”.

Unfortunately, that is what happened to the investors of CDO products tied to subprime and Alt-A mortgages during the 2008 financial crisis.

Because CDO is traded over-the-counter, nobody knows how much of such CDO products have been created and how much losses have been suffered by many investors who had believed that they invested in safe and sound AAA rated debt securities. The number might reach hundreds of billions of dollars. Since most of the CDOs are pure synthetic products constructed using Credit Default Swaps, there has to be winners for the hundreds of billions dollars losses suffered by the losers. The winners, who shorted the mortgage derivative using CDO and CDS, have the very incentive to see a deeper housing market downturn and economic recession, like the investors who bought unregulated insurance products tied to the condition of your home would like to see the destruction of your home in a fire or in other insured disasters. Do you recall that insurer AIG needed \$100+ billion bailout from the Treasury Department and Federal Reserve to pay out the buyer of the insurance on CDO and ABS bonds? Many of the investors did not actually own the bonds so that never suffered the insured losses. One has to wonder why Hank Paulson and Ben Bernanke decided to bailout the investors in unregulated gambling scheme while letting a systemic critical investment bank to bankrupt.

Secondly, the acute global financial crisis triggered by the Lehman bankruptcy helped to create a political environment where democratic candidate Barack Obama was elected to the US presidency.

Based on my understanding in hindsight, it is not very hard for savvy financial investors to have inferred in late 2007 that Lehman was in deep financial trouble given the fact that it was a major dealer in mortgage pools backed by subprime mortgage and commercial mortgages, and it has on average 20+ leverage ratio. So why did the market traders finally make the Lehman stock plummet close to the middle of September? Why not earlier.

Many people would not believe that Wall Street professional can manipulate the timing of the demise of the investment bank. They need to consider another factor – the “uptick shorting rule”. After the 1929 stock market crash, an “uptick shorting rule” was established to prevent the short-sellers to create artificial downward momentum in the stocks: the short sale must be either at a price above the last traded price of the security, or at the last traded price if that price was higher than the price in the previous trade. With this rule in force, it is very hard for short-sellers to artificially hammer a stock. However, in July 2007, this “uptick shorting rule” was quietly repealed without any good reason. After that, it was possible for any market player with massive funding to short or naked short Lehman to create a massive downward momentum so that people are forced to sell in panic. When the share price plunges to very low level and the perceived stockholders equity shrinks, the rating agencies usually have to downgrade the target company’s preferred shares and subordinated debt securities, and hence make the short-term repo financing by the target company impossible. At that time, the only

out from inevitable bankruptcy is for Federal Reserve to bail out. In my view, without the repeal of up-tick rule, the timing of the Lehman's demise cannot be so precisely timed.

Thirdly, Lehman bankruptcy helped to propagate the housing induced financial crisis from US to the entire world: panic in money-market mutual funds, severe disruption in global trade, distress in commercial mortgage market, further decline in housing prices, jump in unemployment rate, etc. The crisis eventually led to the collapse of banks in Iceland, and government bailout in many other European countries, and the on-going EURO-region financial crisis.

I think that many of the insiders, which pushed for the Lehman Bankruptcy, had probably massive short positions in European and Asian financial markets so that they could benefit from the propagation of the financial distress.

The shorting positions can be established using varieties of finance instruments: stock index futures, stock options, credit default swaps, and the interest rate swaps, etc. Futures and Options products are traded on the Exchange so it is hard to maintain "privacy" and secrecy. The CDS and IRS (Interest Rate Swap) are traded over-the-counter so that it is possible for investors to establish big positions with anonymity. The IRS contract has two parties, one agrees to pay interest referencing a floating rate and to receive payment based on fixed interest rate, while the other agrees to pay fixed interest rate and receive the floating rate. (For example, you expect the interest rate to go up and you can profit from such expectation by agreeing to pay 3.5% fixed rate and receive 3-month LIBOR + 2.55%) In a global financial crisis, as the central banks cut the interest rates, the buyers of CDS and the IRS parties who pay floating rate and receive fixed rate

will benefit. Since the market for CDS and IRS are opaque, it is possible for people anonymously to establish massive short position with large payoffs. What is the aggregate notional value of all the contracts outstanding? The most conservative estimate I saw is \$50 trillion, which means hundreds of billions changes hands annually on these contracts during the normal time. But the actual number could be much higher.

At this time, one would ask why banks and/or pension funds were so foolish to sell the CDS contracts and to buy the CDO tranches so as to facilitate the building up short positions by the eventual winners? Why did AIG structured product group sell more than \$100 billion worth of CDS contracts on various AAA rated ABS and CDOs which later lost most of their values? Do not they see the implied assumption in the ABS and CDO products when they analyze the performance of these securities before insuring them? Why could the rating agencies not clearly see that the synthetic subprime CDOs were the holders of concentrated “tail risk”? The answer is very simple – the dislocation of risk and incentive.

On one hand, there is a separation of risk and reward. A good example is the traditional mortgage business. Many years ago, when one needs a mortgage, he/she goes to a bank and asks for a loan. The bank mortgager officer has to evaluate the risk profile – the ability and the willingness to pay – of the borrower carefully before deciding on making the loan since bank used to carry that loan on its loan book. Because the bank takes both risk and reward, it will never allow such mortgage as no-money-down loan nor no-document loan. With the advent of ABS, there were additional mortgage origination channels created to supply the ABS pipelines: mortgage originators originate the mortgage and almost immediately sell to investment banks without taking credit risk of

the borrowers; the investment banks pools thousands of loans then package them into ABS and sell the tranches to various institutional investors without taking credit risk; the rating agencies give out desired ratings to these tranches without taking credit risk; the institutional investors largely rely on those ratings to make decision on what are allowed investment since they lack the expertise in evaluating borrowers' credit risk. AIG is one of such institutional investors who either really do not understand how average loans perform in different phases of a business cycle or do not understand the risk of implied in underlying assumptions made in ABC and CDO securities.

On the other hand, large parts of risk and reward landscape are hidden. Since the over-the-counter financial derivative market is the largest unregulated financial market in the world where anonymous bets can be made on the direction of interest rates, the direction of currency exchange rates, the performance of investment grade corporate bond, the performance of high-yield corporate bond, the performance of sovereign bond, the performance of ABS, and the direction of all kinds of financial indices, etc. These crucial information are only available to major global bank dealers but not to any government or the public. For medium or small size of economies, such betting has the potential to adversely affect their economic progress and destabilize their political systems. Allowing the existence of such massive opaque and unregulated speculative markets is like giving away sovereignty. From this angle, the West could no longer be viewed as a collection of independent countries. The national sovereignty is only an illusion.

Chapter Three The lasting impact of financial crisis

More than five years after the financial crisis, the US and Global economy seem to be on the mend, after the central banks in many countries have engaged in massive monetary stimulus programs, including zero policy rate and unprecedented money printing. But are we out of the woods yet?

April 7, 2009

I recalled sometimes ago when I started my Wall Street career at Goldman Sachs, in my year-end review, my manager wrote the following as my weakness "tend to over-analyze things."

More than ten years later, I probably have not changed. Have I?)

By understanding how we got to this point would help us to chart where likely we would end up over the next several years. The following are my opinions:

(1) This American financial/economic crisis is the product of many years of excess built up in the global financial system. Partly because USD is the world reserve currency and partly because the Wall Street enjoys dominant position in world financial stage, the entire private financial system, including commercial banks, investment banks, hedge funds, private equity corps, investment structures such as CDO/CLO, and other SIVs and SPVs, has, during the past twenty-five years, helped to create a false sense of prosperity in America and other developed world by, like a ENRON Corp, hiding the loss/debt but showing the profit/wealth.

The persistent demand for USD denominated assets by foreign central banks and domestic non-bank financial institutions such as Insurance companies, pension funds, mutual funds has contributed to the appreciation of USD assets. That trend prompted the creations of many loosely regulated domestic speculative institutions such as hedge funds, which, with the tremendous funding from the banks and investment banks, try to take advantage of pricing trend

with highly leveraged bet. Such demand from speculative financial institutions and the greater willingness for the banks to lend have further boosted the assets prices and hence the sense of wealth and prosperity among most American consumers and American corporations (higher stock prices, higher housing price, higher commodity prices, higher wage and labor compensations etc.)

Although the foreign demand helps to firm up the marginal transaction prices on these assets, it is, in my view, the highly leveraged positions taking on by the domestic hedge funds generated most of the demand. As I mentioned earlier, these leveraged positions were mostly financed by the banks and other loosely regulated investment vehicles, which are largely hidden from plain sight.

I think that it is almost impossible for US government to replicate the private shadowy banking system (i.e. hedge funds, SIVs, etc.) existed before 2007 since it is prohibitively expensive to take the tens of trillion of hidden debt/loss onto government balance sheet. With subdued future investment demand from traditionally current-account-surplus nations such as OPEC, China, Japan, etc., and from badly hurt hedge funds and SIVs, the USD assets could enter into a secular downtrend which would likely last a few more years.

(b) We have now witnessed the first and second stage of this "One-hundred-year flood" -- the financial crisis and the economic crisis. I think that the third stage would be the social crisis. The high unemployment and high number of family in financial distress over a long period of time would present a fresh test to the young political system.

As it has turned out, this is more like a reflection than a prediction. In hindsight, the US policy makers paid very high price to forestall the bleak scenario outlined in my email: Federal Reserve's close to zero policy rate and \$4 trillion plus balance sheet (i.e. money printing out of thin air); US Federal Government's more than \$6 trillion new sovereign debt added since 2008 and still running about \$500 billion annual budget deficit in 2013. As of July 2014, after multiple equity indices have doubled since 2009, the US GDP growth still runs at tepid 2% annual rate, far below the 3-4% long-run sustainable growth rate. Despite the Federal Reserve pretends to withdraw the massive stimulus, new economic assistances might be needed if the uptrend in the asset prices reverses.

So how did we get into this vulnerable situation? Let me try to explain.

The foundation of the current global financial system is a "fractional reserve system".

With a 10% reserve ratio, the banking system has the capability of creating a leverage of 10 times, and the shadowy banking system could increase that number even higher.

Here is the math:

Somebody deposit \$1 into a bank. That bank reserves \$0.1 as the bank reserve, and loans out \$0.9. The \$0.9 is deposited in another bank, and that bank reserves 10% of \$0.9, \$0.09, and loan out the rest \$0.81. Assuming this process continues infinitely, the total bank deposit would be $\$0.9 + \$0.9 \times 0.9 + 0.9 * 0.9 * 0.9 + \dots = 1 / (1 - 0.9) = 1 / 0.1 = \10 .

So in the ideal case, the bank can potentially create \$9 new money on the top of the original deposit of \$1. But in the real world, the realized multiplier effect will be smaller and will fluctuate with the business cycle. During the period of economic expansion, due

to higher confidence and easing of bank lending standards, the leverage ratio will be higher than it is during the economic recession. With the help of shadowy banking system such as stock market, hedge funds, opaque derivative products, and structured products such as CDOs, the effective leverage ratio will be much higher but become more volatile, i.e. larger swing in leverage ratio from expansion to recession.

During the “go-go” years of 1980-2007, the banking system and shadowy banking system have “printed” lots of money into the system and have rendered the sense of prosperity. But since 2007, large parts of traditional banking system and shadowy banking system have experienced extensive stress and damage, and the leverage ratio of the economy was quickly collapsing. That was why the artificial injection of the emergency fund by the Federal Reserve, i.e. QE1, QE2, QE3, etc., became necessary. The Federal Reserve did not create any new money in the system, in my view, but it only replenished part of bank-printed money which had rapidly disappeared during the financial crisis so that the US economy would not sink into a deflationary spiral right away.

The interesting fact is that the massive amount of money created by the banking and shadow banking systems during the “go-go” years was somewhat “invisible” to the public. But now it becomes more visible on the Federal Reserve balance sheet and the ballooning US debt liabilities. As a matter of fact, this is just a transfer of debt from private balance sheet to public balance sheet, while the administrators of the private balance sheet – banking system – knew all along that the tax payers would step in to bail the system out when things go wrong. Here is another example of the “moral hazard” - dislocation of the risk and incentive. In the CDO case, the investors have to suffer the

unexpected losses because the Investment Banks have misrepresented the risk of the mortgage derivatives; in the case of public balance sheet bailout, the tax payers are forced to take on the risk which they were not aware of in the beginning.

Since the Great Depression, the US economy has experienced many business cycles where the overall business activities, such as consumption, business investment, government spending, net export, etc., have experienced periodic upturn and downturn. Is the 2009 recession a regular business cycle? In my view, it is not a regular business cycle, which the economy can easily recover from. Instead, it is a multi-decade credit cycle, and we are at the busting phase, which could last a few years or even a decade. Let me use an analogy to illustrate this.

The credit-cycle of market economy is like inflated balloon: at the early stage, it requires only low air pressure to inflate the balloon and the surface of the balloon expand very quickly. As the balloon gets more inflated, it requires higher and higher air pressure and the surface expansion decelerates given the constant rate of air pumped in. When there is not enough air pressure to sustain the expansion, the process stalls and reverses.

In the real world, the surface of the balloon is the real economic activities, measured in GDP and the air pressure is the leverage ratio of the economy, or the ability of the economy to multiply the money initially placed into it. The bank lending standard, the business and consumer confidences, and the real interest rate are among the major factors affecting the leverage ratio. Now we come back to what we are experiencing in US and in other developed world in 2009: the highly leveraged financial systems have been badly damaged so that they could no longer pump high-pressure air into the balloon to sustain its expansion or to prevent its natural inclination of contracting. That

is why Federal Reserve has to pump more and more printed/phantom money into the system to desperately attempt to offset the contraction forces. But it will not work for long because most of the monetary transmission channels have been badly damaged during the 2008 financial crisis except for the equity market.

One of the not-so-visible problems is that the generous public and private pension systems built up during the boom years could no longer sustain themselves as the population ages and people on average live longer. Their continued solvency is largely based on the assumption that the balloon will continue to expand at constant or accelerating speed, and therefore these pension plans will inevitably suffer insolvency when the balloon, or broad economy, contracts.

Many private and public pension plans promise you a fixed monthly pension payment when you retire at certain age. In order to meet that obligation of payment streams to you many decades from now, the pension provider, a corporation or a government agency, must put aside certain amount of money every year. There are two crucial factors in determining the size of the fund to be put aside: the expected long-term return on the pension investment, and the discount rate used to convert the future stream of cash flows into today's value. In a deflationary environment, both the rate of return and discount rate will shrink dramatically so that the computed amount to be set aside now will significantly increase. That could cause many pension plans to be under-funded.

One observable fact is that the Fed Funds rate, which the Federal Reserve Open Market committee set, has been falling from 10+% in 1980s to almost zero in 2011. These lower rates have help to encourage most participants in the economy to borrow and spend, hence supports the ever "inflating" economy. But the Fed Funds rate cannot go to negative territory so that Federal Reserve is out of this effective tool for now. Negative

interest rate is bad because it discourages people from depositing in the bank, hence render the ineffectiveness of the fractional reserve system, and might lead to the end of the current financial system.

The stock markets have been up markedly from late 2012 to early 2014. Several indices are making all-time high despite the fact that painful tax-hike and spending cuts have already begun. The unemployment rate continues its decline as more and more jobless people dropped out of the labor force. Retired Federal Reserve chairman Alan Greenspan asked us to forget about the economic fundamentals and to focus on the stock market indices. He made good point – the stock market is one of the monetary policy transmission channels, albeit the only major one left. If only the stock market continues to jump at a rate of 15% annually over infinite horizon, then all our problems can be solved.

Before I wrap up the discussion in this chapter, I would like to reiterate that the money “printing” has already been done during the boom phase of the multi-decade credit cycle by the banking system and the shadow banking system in order to create high multiplier ratio in the economy. But those “printing” have never attracted your attention because they were “invisible”. Now they become visible as the Federal Reserve tried to fill the hole by expanding its balance sheet. But such policy would inevitably lead to global revolt against USD as the reserve currency. Over the next decade, if US can somehow maintain the reserve currency status of USD, then deflation will continue to be the main threat to the economic growth. However, if the reserve currency status of USD is to be shaken, e.g. by a Asian Currency Unit, or if petroleum oil is no longer priced exclusively in USD, then high inflation and severe economic downturn can be in play in US.

So, are we out of the woods yet? You have the knowledge now to answer that question.

Knowledge is power, is it not?

Chapter Four The Great Surveillance State

I originally planned to publish this book in early 2013, but I had reservation over the revelation in this chapter. In the era of post-Snowden disclosure, such tales of mass surveillance and intimidation are no longer unique.

Jan 20, 2012,

9/11 is a significant event in US history since that tragic event has given the shadowy groups the excuses to exert control domestically in US.

Since 2001, the US has gradually become the great state of electronic surveillance: many laws have been revised to allow the "preemptive" surveillance of group people and individuals -- without court order or "probable cause", government official can include any group or individual into the massive surveillance pool based on sole judgment of "reasonably suspicious".

One would assume that government officials would make professional decision on the interpretation of "reasonable suspicion" and would not "abuse" the power granted by the new laws. But the truth is that many of the works have been contracted out to private contractors, who are not likely subject to highest professional standards.

Although I have no idea about what those criteria are, "a graduate student who studied Nuclear Science as undergraduate study", " somebody who questions the official 9/11 story ", "any Chinese graduate students who work in a global corporations", or any other arbitrary reason, should, in my judgment, be sufficient to get people into the surveillance pool. Once one gets into the pool, then his/her entire digital footprint in the society could be monitored and recorded (Thank God that hard disk storage is getting so cheap!): phone conversations, domestic or international, mobile or land-line; movement in cars (using sophisticated GPS tracker, some could be factory installed by car dealers or by car manufacturers) or public transportation; online

communication (email, internet searches, IP phone conversations, etc. using either planted computer virus, or Deep Packet Inspection technology installed at ISP sites); audio bugs in your home/cars/office/hotel; mobile phone used as an eavesdropping device even in "power off" mode; etc.

I am not saying that many other countries like China, Russia, or UK are not doing the same. But many people, especially newcomers, really do not understand how things have changed in US during the past decade. These people were brain-washed to believe that Americans are enjoying more privacy and freedom than anybody else in the world (that is the problem when people watch too much TVs.).

Most of time, the gigantic surveillance system only record your digital footprints, without doing anything else. But those footprints could be fed into data mining software to extract patterns, and some of the voice recording would be admissible in criminal prosecutions, such as Insider Trading, etc. Previously, the secret recording of private conversation without warrant authorized by judge would be inadmissible in court. Given the involvement of largely unregulated private contracting organizations in this surveillance business, one cannot really be sure how the information collected would be used: corporate secrets could be compromised simply because you have sent an unencrypted email message from your Hotel room Broadband service.

If you are not sure whether you are in the surveillance pool, then just assume that you are. I do not believe that the new law would discriminate against races or national origins. But the output from the data mining of massive surveillance data might indicate that Chinese national or Chinese American who have post-graduate degrees would more likely to engaged in corporate secret theft than non-Chinese with similar educational background. That could, just for the sake of argument, be enough "reasonable suspicion" to conduct surveillance on all the Chinese

professionals who live or travel to US. It is all about likelihood and probabilities.

As I learned more and more about the evidences of alternative theory of 9/11, especially through the observation of the series of events since 9/11, and about the global financial crisis, I increasingly sense the work of “invisible hands” in these events. They were not random events. The pure incentive of profitability could no longer explain such systemic manipulation. Although I do not have an opinion on who are probably behind of all these events due to my lack of knowledge in this area, I posted actively on some of the Internet forum about my research.

It was a few months after I posted that message proclaiming that 2008 financial crisis might lead to social unrest in US, I noticed that I almost always had some “run-in” with police cars when I drove around from one town to another. At the beginning, I dismissed them as the coincidences. But one day I realized that it was real, when I drove my children to their weekend school in a different town from where I live.

As I was driving through a 25 MPH zone with a couple of “Yield to Pedestrian” signs, I noticed an unmarked Chevy/Ford with three or four antenna on the top parking at the side of street, about one hundred feet away from an intersection where I regularly turn left. There was a “Yield to Pedestrian” sign right at the intersection so that I have to stop before I turned if there is any pedestrian tries to cross the road. I noticed that there was a boy who is probably about nine years-old was standing at the one side of the XING line and holding a phone to his ear. However he was not crossing despite there was no car moving on that section of the street where he was standing and my car was about two hundred feet away. So I stopped and waved him to cross. As I turned left, the unmarked

car sped away, at significantly higher speed than the 25 MPH limit. I suddenly recalled that I had post something new a few days ago.

But all these “sightings” could simply be my speculation or even imagination until I have concrete proof. I started to investigate and concluded that if this was true that those police car sightings were concerted effort, then they needed to have my precise location as I drove around. So they have to have placed a GPS tracker in my car without my knowledge and my consent (usually I do not carry a mobile phone when I travel local), and most likely without a court issued warrant (I used “likely” is not because I am not sure whether I have done something wrong but because I am not sure how the laws have changed since 9/11). How could I prove that there is a GPS tracking device in my car? An internet search showed that the frequency band of commonly used mobile phone standards such as GSM and CDMA, etc., and I then bought a frequency counter which can detect both analog and digital radio frequency signals. The finding was really shocking: not only the frequency counter indeed detected periodic microwave band signal sent from my car but also it sends signals when I shift the gear from P to D or from D to P, which is an indication that the GPS tracking device is directly connected to the on-board automobile computer (this is my guess since I am not a car mechanic). I checked around my car and did not see any external object attached to it.

I am well aware of the fact that many components in modern cars send out RF signals – remote keyless entry key, TPMS, etc. Those signals have designated frequencies and can be easily identified. But I do not think that the automatic transmission, as part of normal operation, needs to send out a RF signal every time the gear is shift from Park to

Drive, or from Drive to Park. And the signal frequencies are within the ranges allocated to the commercial mobile phone business.

Sometimes in 2012, the Supreme Court had a ruling that considers Government's use of GPS tracking device as a form of "legal search" so that a warrant is required. Right after the ruling, there were no longer microwave band RF signals coming out of my car.

However, ten days later, it came back on. So now I realized that those GPS tracking device not just connected to the onboard computer, but also could be turned on or off remotely, which means it can both send and receive data and instructions. Given the currently state of technological advancement, I would not be surprised if this tracking device can also record conversation in the car and send out those data along with the GPS coordinates to the controller.

After I had learned this with concrete proof, I was angry at first: I was not as much offended by the tracking part as by the harassment and intimidation part of these illegal operations. It open my eye about the Western style of democracy -- I wonder how many people, especially those in the positions to make important policy decisions that would affect our life for many years to come, have been intimidated by these seemingly random "run-in" with police cars or security personnel. On the second thought, losing the cool is helpful in my search since strong emotion can be a great motivation factor.

My experience might not be unique at all. Ever since the 9/11, the infrastructure of the Great Surveillance State has been built gradually in the name of fighting foreign terrorists. In 2011, almost every aspect of our life are monitored or recorded by the government – our emails, our Internet searches, our blog postings, our instant messages, our conversations at home and workplace, and in the car or bus, and our

telephone conversations, etc.. One would not be made aware of it until a computer algorithm in some NSA Data Center picks up his/her name or social security number for probably violating the boundary of sanctioned speeches, behaviors or for whatever causes deemed “reasonably suspicious” by a predetermined computer logics. But what are the sanctioned speeches and behaviors? And who is responsible for determining the boundary other than the common law and the Constitution? On the surface, the freedom of speech is greatly championed, but under the veil, there probably are complicated delineations forged and shaped over the past four hundred years.

It is hard to judge how big a role the racial discrimination play in the surveillance algorithm, but racial discrimination has been very important factor of control in the world history. During the Third Reich, NAZIs used discrimination against Jewish to control its population and to maintain its war machine. Is there anything different now if you really look closely? As a matter of fact, according to ACLU, the US traditionally tends to monitor the minority disproportionately. But there is probably, under the veil, a good reason for that: the minority population tends to be more suspicious about what they were told and in many cases tends to have independent mind. There are two witnesses from WTC 7. Barry Jennings, an African-American NYC city worker, had maintained his story until his death that there were explosions in the basement of WTC7 minutes before the WTC1 and WTC2 collapsed. He died in 2008, and a few days later, the NIST published its comprehensive report on the collapse of WTC 7 stating that the cause of the collapse was solely due to fires damage to a few floors. The other city worker, Michael Hess, who mentioned hearing explosions inside of WTC 7 in his interview with a reporter on the day of 9/11, had since maintained silence until the death

of his coworker. He came out later claiming that there was never any explosion in WTC 7.

There is only one thin layer of window paper separating fantasy of democracy and of freedom of speech from the totalitarian state. I lived in China until after I graduated from college, and I had experienced the Pro-Democracy movement in 1989. China has made lots of progress since then though one can always argue that more is desired. The problem with US is that it is moving in the opposite direction, gradually. I do not think it will work because it counters human nature. Conflicts might be inevitable.

At this time, I really wondered whether 9/11, 2008 financial crisis, the erosion of freedom and democracy in America, and the establishment of the great surveillance apparatus are not just some coincidences but part of carefully crafted plan to advance certain agenda by the shadowy forces. If this is true, then this must not be the first time in human history when they have explicitly exerted control. I was ready to take a good look at any “conspiracy theory” in history as long as there are tangible evidences available.

To those people affected, the knowledge of total surveillance state is really not new. However, most of the people probably just consider those who spoke out as paranoia. Just like during the NAZI Germany, if one was not the target of the NAZI atrocity, how could they know that there were on-going criminal persecutions sponsored by the government? The disclosure made by Ed Snowden in 2013 finally set the records straight – the US government has a massive surveillance program which is illegal and unconstitutional. It covers probably everybody in US, Europe and all over the world. If the people choose to do nothing about this, the situation could only get worse, before long it would be too late to avert its course.

So what can we do to effect the change? Or do we have the tools and power to do it?

Read on.

Chapter Five Shadowy Groups at Work

By now, you know that there are still many unanswered questions pertaining to 9/11, which the real perpetrators might want you to ignore or forget. You know that there were actually winners in the 2008 financial crisis who had probably made hundreds of billions of dollars, if not more. You know that, when you step out of the invisible boundary, the great surveillance state will make you aware of it in a subtle way that it is hard for you to show to other people. But you cannot believe that these could be true because they greatly contradict to what you have been taught through the years.

Was I fearful when I had first encounter with the dark forces? Yes. But I can feel that deep inside of heart, a powerful existence is telling me that I am doing the right thing – pursuing the truth. I can imagine that many people would have submitted to the fear and given up their search. That is why I write this book: I want to show you that the “darkness” is just another layer of illusion to prevent us from discovering the Truth.

Nov 17, 2011

At this time, most people should have no doubt that the bust phase of the multi-decade credit cycle in Europe and US is clear and present and would lead to many years of slow or negative growth in the developed world. As unemployment rate and poverty rate jump, the regular folks would increasingly realize that they are actually paying for the financial excess during the past three decades. The pure capitalism without proper check and balance resembles a giant PONZI game. It is not the matter of whether but when the PONZI will collapse.

The focus is on Europe now. The next would be US. There is no magic long-term solution for the problems: some forms of austerity are inevitable. But how to persuade regular people to pay for the massive debt is the question for many would-be politicians. The recent "Occupy Wall

Street" protests are just the start. They are expected to grow larger in 2012/2013 as the real austerity measures are implemented in US.

Given the uncertainty to the global economic and social development, many people/governments in the world would try to model the unfolding events in order to understand the potential impacts of these current trends on the global affairs. But before one can start the exercise, he/she needs to understand more about the governing structures, or decision-making structures, in the Europe and US, since those structures are, in my view, transparently nontransparent, or opaque.

(1) Large part of the developed world are managed, or controlled, by unknown organizations which like to play behind the scene.

Politicians come and go, but these organizations have been in control for many decades and centuries. In the past, they use money to buy politicians who would agree to take care of their interests. Nowadays, they cultivate their own servant or proxies -- technocrats, people who have impressive credentials, such as Ivy League educations, PhDs, Nobel Prize, and executive positions in global business or organizations, but have no political root/base in the relevant countries. Obama from US, Mario Monti from Italy, and Lucas Papademos from Greece, are the examples.

Those organizations are heavily involved in the global financial markets. The global financial markets are probably the easiest place to make large sum of money legally. With those massive funds, they can buy anything under the Sun on this Earth.

(2) These organizations were likely the driver of World War I, II, and probably III.

My guess is that they used to profit from war effort. But now, they can just profit from the financial crisis. However, WWII is more likely than ever given the prospect of social discontent and potential unrest in many developed world over the next decade. The "war situation" could give excuse to mobilize police and military resources against the domestic populations.

(3) These organizations have likely recruited many "domestic militants", similar to NAZI's SA or "Brown Shirt", in the affected countries. Some of them might have climbed to the high rank of government posts through long career or political appointment. These people will help to manage the Media, to blackmail the politicians, and to intimidate the dissidents.

(4) These organizations, in my view, have already achieved tight control over some countries, such as UK, US, Australia, etc, but only marginal control over other developed countries, such as Germany.

Given these "assumptions", I think that they will

(a) Put more of their "technocrat" candidates into the political offices in Europe.

(b) Use public money to support the banking system at all cost in order to protect their "bread and butter".

(c) In the event of wide spread of social unrest given long-period of slow or negative growth or the collapse in the financial system, initiate a war to justify the control of the domestic populations in Europe and in US.

(d) Continue to project their presence into other countries, such as Russia, China, Brazil, etc.

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As I continued my research on the “invisible” forces that influence the world affairs, I bumped into many theories and presentations. Well, I have to say that the field of “conspiracy theory” is really a wild-wide-west: the ills of the world are blamed on many “evil” perpetrators – Military Industrial Complex, Religious Groups, Esoteric Groups, Global Banking Empire, Petroleum Cartels, and Alien Interventions, etc. I encourage you to read about these various conspiracy theories, and make your own judgment on their validity. After having intimately observed the 9/11 event and 2008 financial crisis in real time, I have no doubt that there are shadowy forces at work in influencing and manipulating world affair. However my approach to this issue is, as usual, evidence based. I wanted to find out more evidences of their vast span of control.

I recall that many years ago, one of my friends showed me a book when I visited his home. On its cover, there was a man sitting next to a big coil device with electric sparks all around him. My friend told me that that man was Nikola Tesla, a name which I had never heard of at that point of my life, and that he invented the technology that could potentially supply all the electricity we need in this world with little inputs needed. I thought it was all garbage because it was too good to be true, and hence never paid too much attention to the name. In 2010, I was somehow inspired to do some research on that man. It opened up the Pandora box, in a good way.

Nikola Tesla, (1856 – 1943) was a trained electrical and mechanical engineer, and one of the most influential inventors of the 20th Century. He was born in Serbia and later immigrated to the US. He has invented more than seven hundred different devices and processes in a number of scientific fields, including electricity, radio, radar, and wireless transmission of energy, and some of his patents are allegedly still held by US

government and remain to be classified. He should have been as famous as Thomas Edison, since he was a staunch advocate of the AC (Alternate Current) standard and eventually won a commercial battle against DC (Direct Current) standard which was supported by Edison. We know that we run 110/220 Volt 60 Hz Alternate Current in our homes. But most of us do not know Nikola Tesla is the person who was very instrumental in the implementation of such standard about one Century ago. Why was he not famous? I later found out that many of his inventions were considered to be way ahead of his time, and could potential disrupt the established economic order.

One of his well-known inventions is the Tesla Coil, using high voltage and high frequency oscillating LC (inductor-capacitor circuit) to generate electric sparks similar to lightening. Hundreds of thousands of hobbyists all over the world have experimented on this, and lots of information is available on the Internet. Although Tesla Coil does not generate electricity, many people, including myself, believe that Tesla hid his secret of radiant energy into the design of Tesla Coil. Shortly after, I bumped into the electricity generator invented by Georgian inventor Tariel Kapanadze. Kapanadze's generator is largely inspired by Tesla Coil, with two stages LC circuits. His main contribution to the project, according to himself, is the automatic tuning of resonant frequencies within the LC circuits. He was able to generate 5 Kilowatt of power in a microwave-oven-sized device with only initial power input from a 9V battery. Later, along with his investors, he was able to build a larger prototype which was said to be able generate 15 KW of power. But we have never heard from him or his company after 2009. They seemingly have just vanished.

Do you understand what it means? It means that my friend was right that Nikola Tesla had invented the technology to extract unlimited amount of electricity out of the environment, but apparently he had to hide his discovery in Tesla Coil hoping that somebody would figure it out. Many people might ask at this time: such device does not make sense since it violates the Law of the Conservation of Energy: how can you generate electricity, a form of energy, out of thin air? Actually, it does not. The Law of the Conservation of Energy states that the total energy in an isolated system cannot change so that energy cannot be destroyed but can change form. In a steam engine, the heat energy changes form into mechanical energy, with both forms of energy can be detected by our five senses and measured by our existing scientific instruments. But what happens if the “isolated system” includes energy in forms which cannot be perceived by our five senses nor be detected by our electronic equipment. The universal Conservation of Energy should hold no matter whether the form or forms of energy can be observed by our five senses or not. So in case of Kapanadze’s generator, for the Law to hold, the electricity generated has to be extracted from a source which is yet unknown to mankind.

Is this really hard to imagine? Our five senses cannot detect electromagnetic wave outside the frequency band of visible light, sound wave, etc. For example, we cannot hear the AM/FM wave, nor can we see VHF/UHF wave, nor can we feel the microwave that is commonly used in transmitting our mobile phone data and Wi-Fi signals. But we cannot live without them. Obviously we need updated physics to explain such phenomenon.

Let us assume that the energy extract by Kapanadze's generator was from some unknown source. Then there have to be other ways to extract that form of energy besides using the resonant LC circuits. With that question in mind, I dived into the sea of free energy research on the Internet and I found two more cases, among many others. One is the device built on rotating permanent magnets, and the other is the device built on the principle of Atomic Hydrogen. I will give a brief introduction to these two cases in order to make my point here, but I will conduct more detailed discussion on this topic in later chapters.

A neodymium permanent magnet size of USB flash drive (0.5x0.5x1 inch) can exert about 50lb of force. Since the force can be used to do work, it can be considered a form of energy. Then the question is what the source of the magnetic energy is given the Law of the Conservation of Energy has to hold. Did the permanent magnet have built-in ability to extract energy from unknown sources and convert them into magnetic force? Unsurprisingly, many of the "free-energy" generators are based on the rotating permanent magnets, converting magnetic energy into electric energy.

The Atomic Hydrogen welding was discovered by American physicist and chemist Irving Langmuir, and was widely used many decades ago. People found that the Hydrogen Molecule, or H_2 , can be split into two Hydrogen Atoms in an electric arc at about 500 degrees Centigrade. Then these two Hydrogen Atoms will quickly recombine back into molecular form of hydrogen and release enormous amount of heat. The resulted temperature could reach 4000 degrees Centigrade. So where are the extra heat energy come from? Why cannot the big electricity generators start to use this "Atomic Hydrogen" process to propel their turbine, instead of burning Natural Gas or Coal?

In summary, there are three examples of technologies which were proven to be able to extract enormous amount of energy from unknown sources, and there are other working prototypes made by many distinct inventors worldwide. We would assume that people who made such great discovery would have received Nobel Prizes, and have become billionaires. Their fantastic tales of personal achievement would have been featured on Times or Bloomberg magazines. Yet none of their names is familiar to us and none of their invention has been widely adopted and applied. Why?

According to Foster Gamble's movie "Thrive", the total global investment in carbon based energy sources, including exploration, refinery, and distribution, is about \$200 trillion. It is "trillion" with a "T". Conservatively speaking, that should yield \$20-\$30 trillion annual production, sales revenue, and government tax receipt globally. So the adoption of the new energy technologies will understandably make these investments devalue over time and can have devastating short-term impact on the global economic growth and geopolitical balance, as the global stock markets might drop precipitously; the interest rates might fall further from already historical low level; many countries would experience negative GDP growth for many years to come; the current political regime in many oil rich Middle-Eastern states might falter; and the deflationary pressured in the developed world will reach heightened level so that the already intensified sovereign debt crisis might spread to larger and stronger economies such as Germany, US, Japan and possibly BRICS countries, and most of the pension plans might default . As you can imagine, given the current economic system we are in, the resistance to the new forms of energy is so great that it can only be overcome through human awareness and the intervention by mankind as a whole.

I always wonder that, if these new technologies are indeed valid, then why has not a single scientist worked out a theory to explain the unknown energy sources? Why has not a scientist figured out the “Holy Grail” of science to reap the Nobel Prizes? My conclusion is that the monopolistic power of carbon energy industries has extended its reaches into the great educational and research institutions in US and Europe, so that the regular scientists have no incentive to “wonder out of the preset boundary” for them. (Remember what had happened when I presumably stepped out of the invisible boundary?) I mentioned earlier that NIST, a seemingly independent scientific organization, issued a report on WTC 7 and concluded that steel-framed WTC 7 collapsed solely due to fire damage despite the video evidence of near free-fall collapse and eyewitness account of explosions. Just imagine the influence of the money and power.

When I became aware of the existence of such vast energy conspiracy against humanity, I started to take a fresh look of everything which I have taken for granted previously. I started to ask questions which I usually did not bother to ask. Why are there incessant wars all over the world during the past one hundred years? Maybe the Military Industrial Complex is at work, as sternly warned by the US President Dwight Eisenhower. Why is most of the global wealth controlled by the 0.01% of the global population? Maybe the Global Financial Empire is at work to create financial system that ultimately makes the rest of us “debt slaves”, as shown during the 2008 financial crisis. Why are healthcare cost jumped at 10% annual rate while average people are not getting healthier, and why are natural remedies not promoted and widely adopted? Maybe the global health insurance and pharmaceutical profiteers are at work. Why do

the mass Media only deliver to us the carefully scripted sound bites and propaganda to indoctrinate us instead of unbiased information to inform us? Maybe the global mind-control practitioners are at work. And maybe mind is a very powerful thing not to be controlled. (You will learn more about the power of mind in later chapters.) Assuming these shadowy groups indeed exist, then I will not be surprised if they all work together to certain degrees in order to perpetuate their control and to maximize their power and profit.

I studied economics and I accepted the premise of the modern economics that the participants in the competitive economic game focus on serving their own needs but in the end, guided by the “invisible hands”, create good for all. So while I consider reasonable for a group of people, explicitly or implicitly, to try to maximize their profit by acting fairly in a competitive economy, I cannot comprehend, as a human with a heart, why they see the need to kill hundreds of millions people in World War I, World War II, Vietnam War, Iraqi Wars, just to make tons of money. There has to be more to their motives.

With that thought in mind, the first book I bumped into was William Bramley’s *The Gods of Eden*. Although, like many people, I have reasonable curiosity about our ancient past, I was not brought up in a religious environment such that it is a great shift for me to transcend the common reality and jump into the metaphysical world. As I wandered into the “unknown” part of the world, I knew that it is no longer possible to conduct evidence based analysis. There is no authority who will tell me what is right and what is wrong. I need to use my heart as the compass and my intellect as the flashlight to venture into the world of unknown, take nothing for granted and leave no stone

unturned. At beginning I was scared, but the passion for knowledge and discovery trumped any feeling of doubt and uncertainty.

William Bramley started doing research on why human race went to wars. He found that the motive of continuing wars in human history can no longer be explained by the animal survival instinct alone, since the human are intelligent, and motivation becomes more elaborate with the risk of intelligence. He concluded that the war is an effective tool for political and social control over a large population by keeping people divided, and distracted from the truth. In his book, he presented a theory of human origin – creation by advanced space race, and how those “creator Gods” had set up the thread of control – secret groups and societies, and how they had manipulated, behind the curtain, the human evolution over tens of thousands of years.

While Bramley’s tale might be incredible, in *Remember Who You Are*, David Icke has brought this line of grand conspiracy theory to the new height by directly relating all the ills of our society, such as wars, genocide, financial crisis, carbon energy monopoly, etc., to the influence of ancient secret societies/groups, and inter-dimensional service-to-self non-physical forces. According to Mr. Icke, the major events of the past one hundred years were all planned by these dark forces to eventually push humanity onto a new reality of totalitarian one-world-government regime.

The first time I read David Icke’s book, I was terribly sick in my stomach and I knew I was about to vomit. I was so emotionally drained by the shock, confusion, and fear induced by the revelations that I had to sleep two-thirds of the day for a few days. Sure, I could observe that there was a carbon energy monopoly which had suppressed the other forms of more advanced energy technologies; I could see that the financial system was a

giant PONZI game that benefits only the insiders and will eventually falter; I could understand that Military Industry Complex had been pushing the global wars by inciting racial hatred and religious conflict; I would not be surprised that if these shadowy groups were working together to decide who would be the President of US or the Prime Minister of UK by controlling the political system and mass media establishment all over the world; but I could not comprehend the notion that those self-serving people were under the influence of some supposedly negative forces residing in the realm that is beyond the perception of our senses. It was completely beyond my innate ability of comprehension. And deep in my heart, I hoped that these stories were not true because how I, or any human being with good conscience, could continue to live a normal life in this grand scheme if these were true.

After having felt terribly sick for a few weeks, I started to recover, thanks to the belief that was instilled into my mind since very early age – “Knowledge is power”. To battle the fear, I needed to acquire power through knowledge. I started to search again for the answer to my questions – are these claims true or just some negative propaganda by certain special interest groups in order to instigate fear and confusion? Even if they are true, are there counter-balancing forces in play? I decided to look into the subject of Metaphysics to gain a substantial knowledge base on this subject.

But before we embark on that journey, let us take a look of some facts:

- (1) The collective memory of the humanity only goes back to about eight thousand years.

However, scientists have discovered the fossil records of early human in Africa dating back to about two or three millions years. So what happened to human evolution during the two million years of gap? Were all human civilizations before us primitive?

(2) The pace of the evolution of the humanity has accelerated during the past few hundred years.

The Industrial Revolution happened only about two hundred and fifty years ago. The adoption of electricity was about one hundred years ago. The transistor was invented about sixty years ago. The first widely used personal computer – Apple I – was created in 1976. The Moore’s Law predicts that the processing power of CPU doubles every eighteen months. It has been proven true during the past thirty years. In contrast, a few isolated primitive tribes have been discovered in the Amazon Jungle in South America. Apparently these human tribes have evolved independently without external interference, and they still live in primitive state in terms of technological advancement judging by our modern standard. Is the acceleration of our evolution the normal natural process? Or are we getting help? How much more advanced can we become in one Century given the current accelerated speed of technological advancement?

(3) There are pyramids in Egypt, Mexico, China, and all over the world.

Who built them? Slave labors with minimum level of technology? Can we build a full size replica of Giza Pyramids using our modern technology? What were they for? Tombs for Emperor or King? Many books have been written on this subject. Many independent Egyptologists have concluded that the technology employed to build Giza Pyramid is on

par with, if not more advanced than, what we have today. Also, some of the researchers put the building date of Giza Pyramid back to more than ten thousand years ago. Can you believe that a more advanced civilization existed on parts of this planet more than ten thousand years ago?

It looks like that we do not have much information about this layer of human civilization going back more than ten thousand years. We can observe that primitive tribes could not possess such great technological advancement if they were completely left alone to evolve on their own. So something probably has happened between two millions years ago and ten thousand years ago to lift human evolution from the platform of Homo Sapiens to the modern human. I am not sure but I could not completely rule out such possibility.

As I learn more and more theories of human history which were formulated by independent researchers, I no longer consider the idea of some outside help having boosted our evolution that far-fetched. But the most pertinent question now is where we are heading given the current accelerated pace of technological advancement? As a matter of fact, we have already possessed knowledge hundreds of years ahead of what we know in the public domain. You will have some idea about these knowledge and concepts when you reach the end of this book.

Chapter Six From Darkness to Light

I was shaken out of the perfect bubble which I used to reside in. Now I started to be able to see more and more clearly about the seemingly complicated webs of causes and effects at the macro level.

Feb 22, 2012

During my research on the influence of the shadowy groups in the past three years, there was always a question in my mind -- why were they so reckless -- e.g. bringing something other than a Boeing Passenger Jet to hit Pentagon without worrying about the hundreds of surveillance cameras installed on Pentagon or in the surrounding area?

I think that one of reason that those people are so confident because they are in possession of some technologies which are 50 or 100 years more advanced than what we know now in the public domain. For example, Kapanadze's free energy machine, which can generate 150KW electricity in one of the implementation of his invention, is based on technology developed by Nikola Tesla almost one hundred years ago. In the "free energy" community, people are talking about some other inventor who also had a working model in the 1980s. Those devices were not based on very advanced concept but on very new concepts which were not taught in the text books. The other example is the anti-gravity technology, which have been documented by many patents over the years. I will not be surprised if sophisticated working models using these technologies have been built and deployed in secret. Why did NASA cancel its long-running Space Shuttle program without rolling out a new replacement program? Probably because the new program employs new technologies which the Shadowy Groups do not want the public to know. The HAARP project, which is quite famous in the conspiracy theorists' circle, is rumored to be able to induce Earthquake and Severe weathers anywhere on this Earth. That project was also based on patents created more than 60 years ago.

So I think by now that the shadowy groups have the technologies to conquer any part of the Earth. However, they prefer the model of delegation through umbrella of democracy since they only need to court and control a handful people at the top of the local pyramid to rule the entire local populations. "9/11" gave them the excuse to set the ball rolling -- Afghanistan, Iraq, etc. Then they could use both countries as based to infiltrate other unfriendly non-democratic countries, such as Libya, Syria, and Iran.

Russia is a quasi-democratic country. If Putin is dead, who would be the next strong leader who can resist the "olive branches" and "big sticks" from the Shadowy groups? As far as I can see, nobody can. If Russia falls, will China be able to stand alone, in the face of potential global oil embargo and/or trade sanction?

I think that the shadowy groups have been using US and UK as their bases to achieve eventual world domination. A few years back, they probably have seen, like I did, that the credit cycle has turned and the economy in both countries will suffer continued low or no growth for many years to come. They printed tens of trillions of dollars to try to turn the tide, but now they have probably realized that the game is over and the PONZI bubble will pop one way or the other. That is probably why they had accelerated the pace of the implementation of their plan.

They would likely take out Iran in 2012, and Syria will fall without Iran as the regional support. They might then take out Putin and his "hardliner" followers in 2013, if not earlier, and then Chaves of Venezuela, if he is to win the re-election and has not died of cancer by then. Who will be the reliable supplier of oil to China at that time? In face of the threat of the oil embargo and economic sanction, the leader of China at that time would likely give in to the demand of the shadowy groups (The tri-weakness of China economy: highly inflated real estate market, the massive hidden local government debt, and the highly inflated valuation of public companies).

As part of a secret agreement, a group of neo-leaders hand-picked by the Shadowy groups will be promoted to the front of the political stage, and the conquering will be done without the public knowing the truth.

Maybe it sounds like science fiction to you. But the probability of this scenario is, in my view, high, given the urgency and ruthlessness exhibited by the shadowy groups. It would also answer my question why nobody at Obama administration or the Federal Reserve seems to care about the impossible situation of the US sovereign debt -- they do not plan to pay back after all.

Two things could adversely affect their calculations: (1) Let more and more people know the plan of world domination by the shadowy groups; (2) Push hard and quickly the new "free energy" solutions, so that it will make the threat of oil embargo ineffective.

I need to stress that the Shadowy Groups do not represent the American People. They only use US as a base for their global domination. And they like democracy because they can focus their power to subvert the small number of ruling class in any given colony, instead of dealing with the population directly.

With these information and theories in mind, it is very hard for a rational human mind to comprehend the scope of the issue. Our education in school never prepared us for such realization. That is why many of us would either try to avoid reaching this stage of knowledge and awareness, or completely fall into anger or despair over the prospect of total darkness and helplessness. But there is always hope. The light is always present, even in total darkness.

In Drunvalo's book *The Ancient Secret of the Flower of Life*, he described an initiation test used in ancient Egyptian mystery school, where the esoteric knowledge was taught. During the initiation process, the participants have to dive down about 20 feet deep into a water pool through constrictive channels, and then they would see an opening at the bottom of the pool with light shining through. Overcoming the water pressure equivalent to six or seven times of atmospheric pressure at sea level and dwindling reserve of oxygen in their lungs, all the trainees swam to the source of the light in their first attempt. After they were told that they had failed the initiation and were given more preparation exercises, the participants would repeat the test. They could only pass the initiation test by finding, at the bottom of the pool, a dark small hole two or three feet in diameter that barely allows an adult human body through, and making the decision to plunge into the darkness with little oxygen left in their lungs. Those initiates passed the test because they had learned to deal with fear and learn to see the light inside of their hearts even in the total darkness. (Light is the knowledge known by our heart and darkness is only illusion sensed by our body.)

This ancient ritual mimics the trial which each one of us has to endure as we embark on the path of spiritual knowledge and awareness. At times we may suffer from fear or despair of the mighty dark forces, but we always know deep in your heart that we are going through the process of initiation, from being a physical being living in a collective dream to a spiritual being closely connected to the Source. We need to practice overcoming the state of fear, anger and despair with the steady vision of light. In order to complete this initiation process, we do not need to go anywhere else but inside

ourselves to find the light and the power to shape our own future and the future of the world.

Although I built my career in financial analytical programming and research, I found that researching on the esoteric knowledge is no easy task, because there is no “official” source of information. I have to give consideration to various schools of teaching with open mind. I could not judge them by factual evidences or experiential result, but only make very subjective evaluation based on whether the content/teaching resonates with my heart. (I found out later that evidences will be provided to you as you journey along the spiritual path, if you pay careful attention.)

I have studied published esoteric works by various writers and practitioners, such as Rudolph Steiner, Alice Bailey, Buddhist and Hindu Tradition, Jewish Esoteric Traditions – Kabbalah, etc. Despite the different ways of presentation, many of ancient esoteric teachings seem to converge onto a couple of central schemes:

- (1) The Universe we perceive using our five senses is only small part of the Total Creation. We are evolving gradually from the dense material world into higher dimensions of existence, and ultimately to the realm of pure light.
- (2) We are the divine spirit incarnated in human physical bodies to evolve by acquiring knowledge, self-knowledge, and experiences, and by learning lessons. Many of us have stayed on this Earth for hundreds of thousands of years. We will move on to the next higher level once we grow spiritually.
- (3) The reality we perceive is actually a sophisticated quantum computer program, in which we learn lessons during each lifetime to further our evolution. There are

both positive forces and negative forces playing the role of teaching assistants to work with us to make choices.

- (4) We are in essence vibratory beings, or beings of vibration. The Universal Law of Attraction holds that we experience at the same level of vibration at which we offer. For example, if we offer thoughts and emotions of lower vibratory frequency, such as anger, hate, etc., then we will experience more of the same. In order to experience a higher vibratory frequency of the world of peace, joy, and abundance, we need align ourselves to the higher vibratory frequency.

Let us now examine them one by one:

- (1) We know that our physical Universe is vast: the star of Sirius is about eight light-year away from the Earth, and the major stars in Orion Constellation are a few hundred light-years away. So far our man-made robotic probes have reached the outer edge of the Solar System, and known manned space exploration only reached Moon. We have not yet developed the technologies to travel to other parts of vast Universe.

Most of us have very limited knowledge on the dimensions of existence. The different levels of dimension correspond to different level of consciousness. There is a complex ecological system comprised of entities residing in different dimension. The ultimate purpose of human evolution is to ascend in the ladder of dimensions.

Many think of dimensions as scale of music notes, which represent tones of various frequencies. Some compare the human brain to a radio transceiver that can sends and receives signals at various frequencies. We all live on this same

world and share the same collective reality because our brains are tuned to the same frequency. There are other frequencies out there which we are tuned out at this time, the same as when you tune in to your favorite country music station, you are not able to listen to the broadcast from other stations.

Is it possible to change the frequency? Yes, it is possible to shift the frequency temporarily using various methods, such as meditation, fasting, ritual dancing, yoga, etc. But in order to shift it permanently, one has to shift his/her level of consciousness.

In his book *Supernatural: Meeting with Ancient Teachers of Mankind*, Graham Hancock illustrated his experience with the psychedelic material called “Ayahuasca” in South America. He described his achieving the state of mind characterized by a profound sense of intensified sensory perception and the altered state of consciousness, an experience that has been described by many other mainstream authors and doctors. But he was not sure about the source of the signal, from live broadcasting in our space-time or from the information stored in our DNA.

(2) According to Tibetan and other Oriental spiritual teachings, we are the divine spirits infused into physical bodies. We are here in this physical world in order to learn to evolve to higher level of consciousness and spirituality, and ultimately ascend into higher dimensions. For each of the life time, we have soul contracts to fulfill. Our life experiences are designed to help us to accomplish the tasks and lessons. Most of us have evolved millions years from plants to animals to humans. Many of us are from higher dimensions coming down to this physical world to help the humanity to evolve.

(3) According to ancient mystic teaching in many cultures, including Kabbalah, the world, or the reality we perceive, is constructed as a school for divine spirits to learn lessons in a physical world in order to evolve. We came to this physical world with our memory wiped clean for each of the incarnation and keeping only the soul personality from previous life. This sounds really wonderful and reassuring.

In order to facilitate those lessons, the physical reality is set up to be of polarity, such as Yin/Yang, Good/Bad, etc. As we observe constant battles between good and evil forces, we also fight the battles within ourselves.

The modern version of the school analogy is the “Matrix”. According to some of the channeled materials emerged during the past thirty years, the “Matrix” is a hyper dimensional teaching system to enhance the pace of one’s spiritual evolution by providing one with catalytic experiences in response to one’s thoughts, emotions, and spiritual composition, but many of these experiences manifest as predatory forces preying upon one’s weakness. The “Matrix” system is designed to weaken the spiritually weak and strengthen the spiritually strong, in accordance with one’s choice. I think that this school of thought is probably more in tune with the current world affair that we observe.

Many scientists have written books either describing our Universe as a “hologram” or as a “Quantum Computer”. The central theme of these books and literatures is that the Universe or the Reality has been observed to be interactive, i.e. there is feed-back loop between human thoughts/emotions/awareness and the Universe. I will elaborate on this in the next chapter.

(4) As mentioned earlier, the Universe/Matrix/Quantum computer is designed (or programmed , if you will) to be interactive, so that the individual human being will receive experiences at the same range of frequencies at which he/she offers. If one offer thoughts and emotions of negative nature, then the Universe will give him/her more reasons to have negative thoughts and emotions; if one offers primarily thoughts and emotions of positive nature, such as love, joy, and gratitude, then the Universe will grant him/her more experiences at similar vibratory frequencies. There is a very popular channeled program called *Law of Attraction* by Abraham-Hicks. I recommend you to experience it.

These revelations are very important guides to our life on this physical plane, since most of us have forgotten who we are and why we are here. Many of us have pursued spiritual actualization in various great religious institutions. But the next level of spiritual development is not just to have faith in our own divinity and in the existence of multi-dimensional non-physical Universe, but to know it, as knowledge. That is the journey I am embarking on. As far as I understand, the whole Universe, physical and non-physical combined, is a gigantic ecologic system where various non-physical entities or collectives as well as physical entities are active players. Once we have better knowledge about our true mission in this system and start to accomplish them, then we are closer to climbing onto the next level of evolutionary ladder.

These aforementioned ancient teachings indeed made me feel better. But are they the truth? How do I know that they are true? Can I test whether I am a divine spirit?

Chapter Seven A Closer Look At Our World

Is our reality a collective dream and meticulously manipulated? Let us take a closer look.

July 21, 2013

Did NASA lie about the manned Moon landing?

It is July 21, 2013 today. Exactly forty-four years ago, on July 21, 1969, Apollo 11 is said to have landed on the surface of the Moon with two American astronauts Neil Armstrong and Buzz Aldrin. Armstrong was quoted to have said "one small step for man, one giant leap for mankind."

Now we are living the era of giving every fantastic claim a close scrutinization. Let us take a close look:

(1) There were total six successful manned moon mission in Apollo Program, which started in 1969 and concluded in 1972, Since then, US has never sent any other man or woman back to moon.

(2) There are all kinds of conspiracy theories on the Internet claiming the manned Moon Landings had never happened. They used various evidences, such as photograph analysis, radiation belt hypothesis, lunar module analysis, etc., to substantiate their theories. And accordingly, NASA has seemingly debunked most, if not all, of such claims.

(3) The moon landing hoaxers claimed that the TV broadcast footages were actually produced by Hollywood movie maker Stanley Kubrick, who famously made "2001: A Space Odyssey" in 1968 and "Eyes Wide Shut" in 1999.

I am not convinced by any of the claims, though I indeed find strange the forty-two years of absence of manned moon landing by US or by any other countries on this planet. I present the following factual data to see whether you can reach some tentative conclusions:

(1) It is natural to land some unmanned lunar probes to test the ground on the Moon before attempting any manned mission.

The link shows that US had first successful soft moon landing in June 1966 by Surveyor 1. In 1967, three successful soft landing by Surveyor 3, 5, 6. In 1968, one successful soft landing was conducted by Surveyor 7. No soft landing was attempted in 1969. Two of the soft landing, Surveyor 2 and 4, failed. On average, these five probes weighted about 300 kg, or about 0.3 Ton each. Also, these probes were never re-launched off the moon surface to the moon orbit.

(2) Just three years after the first successful soft landing of 0.3 ton probe on the moon surface, on July 21, 1969, the Apollo 11 Lunar Module, which weighted about 10 tons presumably with lots of fuel, had successfully soft landed on the moon carrying two human astronauts. It appeared to be the first attempt of manned soft-landing on the Moon by NASA.

I am not an expert in this regard. I guess that the complexity of manned soft landing would be many times more than that of unmanned soft landing, since preserving the lives of those astronauts is the top priority. I wonder whether any responsible authority would commit to manned mission after only five successful robotic soft landings during the past three years despite the 70% success rate.

Probability of Success at the First Attempt

It looks like that there was never a test landing on the Moon surface with the entire lunar module but without the human astronauts, to make sure the concept is valid. I believe that such landing test is necessary in a real manned program, no matter how many tests had been conducted on the surface of the Earth. Those unmanned probes only achieved soft landing with 70% success rate, and were never re-launched back to the Moon orbit, which was required of the lunar module. How can one be sure that the Lunar Module would safely launch off the Moon surface and take the two astronauts back to the Lunar orbit without the tests?

One of people who believed in that "manned moon landing was a hoax" tried to prove it by attempting to replicate how the astronauts moved around inside the command module and lunar module as described on the TV broadcast. He went to the space museums in Washington DC and Texas in order to measure the actual dimension of those modules. He concluded that it was impossible for those astronauts to have done what were shown on the TV based on the actual size of the entrance, hatches, interior of the various modules on display. You can watch his findings on [youtube](#).

I simply cannot imagine that, only three years after the first successful unmanned moon landing, without doing actual unmanned testing with the lunar module, without testing whether the technology of re-launching from the Moon surface into the Moon orbit would succeed with reasonable probability, rational mind would just go ahead and send real live astronauts there preparing to die.

Motive of faking the manned moon landing

This [wikipedia page](#) gives lots of information about the motive. For this analysis, let us assume that information given on this webpage is accurate. We can clearly see that

(1) From 1959 to 1965, both US and USSR failed on all the attempts to either orbit or soft-land on the Moon.

(2) In Feb 1966, Luna 9 by USSR made the first successful soft-landing on the moon. Then in April of the same year, Luna 10 became the first successful orbiter of the Moon, i.e. the first artificial satellite of the Moon. NASA first successful soft-landing was achieved by Surveyor 1 in June 1966 and first successful orbiting of the Moon was achieved by Luna Orbiter 1 in August 1966. Apparently USSR and NASA were in a "neck to neck" space race and with NASA lagging behind a few notches.

(3) In 1967, NASA had a few more successful lunar soft-landing and orbiting operations in a row, while USSR did not make much progress.

(4) In 1968, NASA had Surveyor 7 soft-landing successfully in January, then stopped any further unmanned operation for the year. But USSR tried a few more, some successful and some not.

(5) In both 1969 and 1970, NASA seemed to be completely absent from the unmanned lunar operations, presumably because all the attentions and resources were devoted to the manned landing program. USSR instead had about 15 various unmanned lunar operations with many failures.

(6) From 1971 to 1983, about twelve years, USSR had nine more unmanned lunar operations. NASA had only two.

I think that the motive is quite obvious: USSR sent the first artificial satellite to the space; USSR sent the first man to the space; USSR sent the first artificial satellite to the Moon; USSR conducted the first unmanned soft-landing on the Moon. For apparent political reasons, NASA decided to win the manned moon landing race, by all means available.

We all know that "failure is the mother of success". We can see from the aforementioned statistics that success in the space exploration only comes after many failures. NASA did not have sufficient amount of failure in its manned moon-landing program to convince me that they had real success. It is as simple as that.

Billions of people all over the world watched the TV broadcast of first manned Moon landing. I understand it is very hard to undo the programming that has already been put on our mind. I bumped into some videos about Moon landing being a hoax a few years back, and I also watched the debunk videos. The notion of phony Moon landing has never come across my mind until I looked at the probability, which was my trade. It took more than thirty failures over the span of six years for NASA finally successfully soft-landed a robotic probe on the Moon in 1966. Given the manned landing mission is many times more complicated than the unmanned one, what is the probability for NASA to be successful in the first try, without even doing an unmanned "dress rehearsal" testing on the Lunar Module.

At this time, I started to wonder whether the world was the same as what we have been programmed to believe: 9/11, financial crisis, and even Moon landing. To me, it shows a pattern of deliberate manipulation, instead of just some random coincidences. There is no doubt that there are shadowy forces that try to manipulate our reality to their

advantages. But if these are the only forces that have governed us over the past few thousand years, then the humanity should have already run to the ground. Instead, we survived and we prospered. So the pertinent question is: are there other counterbalancing positive forces that help humanity to evolve?

In order to have better understanding of human evolution, we need to understand a very important concept – Channeling. Channeling, also known as mediumistic channeling, is defined as “the esoteric process of receiving message or inspiration from extra-dimensional beings or spirits, whereby one is a medium or channel for such an entity.”

Channeling means to be conduit of something -- words, sentences, mental picture, teachings, knowledge, ideas, etc. The Bible could be considered as channeled material -- the words of God passing through some selected human hosts, or prophets. The "Book of Mormon" is another example. In many cases, the prophets claimed that the words have been engraved on metal plates buried in the mountain. But things have gotten easier in the modern day: the channeler can simply write down or speak those words without going through the extra work of metal smithing. In my view, Walter Russell is such a channeler. Karl Max could also be one. One can argue that many of the great European composers, such as Beethoven, Mozart, etc., and great artists, such as Picasso and Van Gogh, etc., were also more or less channeling mediums.

According to ancient esoteric teaching, the reality which we perceive on a daily basis using our five senses is only a small part of the grand existence. There are non-physical existences beyond the physical, or matter-based, world we live in. There are also extra-dimensional forces who are seeking to influence our evolution. Some of the teachings stated that there were in general two kind of opposing forces: one is “service-to-other”,

the light forces; and the other is “service-to-self”, the dark forces. The light forces tend to use channelers to pass on knowledge and useful information so that we can make better decisions ourselves, while the dark forces tend to prey on the human weakness to serve their selfish agenda. It is said that both sides have maintained secret organizations all over the world to preserve their traditions, influences and control. (In the past, a subset of the knowledge and information disseminated in this book could only be available to the initiates of those organizations. The world has changed a lot from hundreds of years ago, and the seekers of the truth nowadays can find almost anything on the Internet.) It is important to note that both parties are integral parts of the whole as our world is the result of the constant motion and interaction between these two polarizing forces.

I think that it is important not to view those forces as separate people or entities. They are there to work with everybody. Every time we do something wrong, we give power to the dark forces. For each charity work we perform, we are empowered by the light forces. According to the Law of the Free Will, neither of them will force us to do anything. However, it is possible that the selfish acts of those people in power could bring devastation to many of us. That is why an unselfish and transparent government is so important for the next stage of our evolution.

In the Western culture, when something is wrong, people tend to look for culprits externally. In contrast, the Eastern culture encourage people to look within to search for the cause, because there is a constant “battle” between light and dark inside. People who let the darkness become dominant inside tend to become evil doers. On the other hand, people who let the light prevail in their hearts become the saints. Interestingly,

according to the oriental Taoism, the true masters of the balance of the yin/yang polarities are those who can converge to the center, where there is no good nor bad, only emptiness/void. The ultimate pursue of life is not to become the Saint, but to converge into the middle, or the void.



With these revelations in mind, let us go back to take a look of the recent history of the world. One of my focal point is the 2nd World War, because, in that conflict, hundreds of millions of people died, large part of the Europe and Asia were turned into waste land, the geo-political power of the world had been reset and US emerged as the dominant power of this planet. I always wonder how Adolf Hitler got into power in Germany in 1920s, given he was not part of royalty, nor was he wealthy, nor was he well educated, nor was he an extraordinary soldier. According to his biography, it is quite clear that he somehow had deep hatred against Communist movement, which had been gradually overtaking the political landscape of Europe since 1860s, after the publication of Karl Marx's *Das Kapital*. In hindsight, Hitler probably was seen as a potential political candidate to forestall the spreading of the communism movement (e.g. the October

Revolution in Russia, etc.), and hence was given assistances, political and financial, to rise to power and rebuild German military power.

When traditional historians study 2nd World War, they tend to pay less attention to the Asian front: the battle between Japanese and Allied forces led by US and China. Let us review it briefly. In 1911, China removed the Qing Dynasty in a revolution led by Sun Zhongshan, who later became the first President of the Republic of China. Communist ideology also spread into China at that time, and the Nationalist government was given financial supports from US and Europe to confront the communist movement. The war between the Nationalists and Communists ensued in late 1920s and 1930s, and the Communist Party was greatly weakened and withdrew into the mountain ranges in central China. Many Chinese historians argued that the Chinese Communist Party might not have survived as a major political force if the 2nd World War had not started and Japan had not expanded its invasion into the heartland of China. Three years after the unconditional surrender by Japanese Military, the Communist army, led by Mao ZeDong, defeated the Nationalist and exerted control over almost all part of the China, except for Taiwan Island.

Some of you might wonder why I bother you with these boring history stuffs. Because I believe that these information are quite pertinent for us to understand the world we are in, how we got here and where we are headed. As the result of 2nd World War, USA became the world dominant power, both militarily and financially. However, the global communist movement was not destroyed but actually strengthened. Fast forward to 2014, the world has changed: the power of American Empire is waning; the subjugated nations such as Germany and Japan have become more assertive; the “old enemies”

Russia and China, who have become practitioners of some forms of financial capitalism, are forging ahead with multi-polar global political and economic framework which stresses mutual respect and mutual beneficial relationships. The new BRICS global economic and financial framework emerged at a crucial juncture when the economy of developed countries is experiencing the continued credit implosion, and the emerging economies seek to transition to be more domestic demand-driven. By understanding these apparent and hidden forces that are influencing our collective evolution, we can hopefully make better decisions right now to create better future for all.

Many people living the Europe and North America might have hard time to reconcile the notion of the existence of a global conspiracy (9/11, 2008 financial crisis, manned Moon landing, etc.) and the fact that they apparently enjoy freedom and justice in their daily lives. Yes, I could imagine myself living a “normal” life without digging deep into the true nature of these global events, had some of my choices been made differently. What has caused such divergence in perceived reality?

Compared with those in many other countries such as China, Russia, etc., the social systems in most Western countries are not very straight-forward and are indeed well crated. I created the following model to illustrate: there are three layers of social construct: from up to down -- CONTROL, INTEREST, and COMMON. The COMMON domain is where most of us function and live. The INTEREST domain is where the national interest groups operate. They include carbon energy interest, financial interest, military industrial interest, etc. The CONTROL includes trans-generational groups which transcend the national boundary and national sovereignty, and whose sole goal is world governance and eventual dominance. The collaboration between the CONTROL

and the INTEREST forms the Upper Structure. The interface between the Upper Structure and the COMMON includes mass media, national election systems, and monetary system. Most of us live our whole life without stepping out of the boundary of the COMMON: we consume the products produced by the mass media; we vote in the election system believing our votes count; and we earn, consume and invest in the notion of money. The Upper Structure uses the mass media to directly or indirectly influence our view and opinions; it uses the election system to give us sense of participation while using its vast monetary resources to ensure most of the elected officials to be subservient to its agenda; it uses money, which is under its total control, to buy anything under the Sun, tangible or intangible.

The society is so free and just, until one intentionally or unwittingly steps out of the boundary of the COMMON, and start to interact with the Upper Structure outside of strictly defined interfaces. For example, you want to buy a media company and start to broadcast unbiased information instead of sound bites and propaganda; you want to run for political office to advocate sensible policies that benefit the people but potentially upend the interest of some power groups; you want to disclose secrets that serves the public interest, like Ed Snowden did; you want to tell the truth and share them; you invent an electricity generator that does not need fuel, and try to sell them to the public; you create an engine that has more than 100 MPG (Stanley Meyer), etc. There are many more scenarios and you can unleash your own imagination. When one wanders outside of the boundary of COMMON, the Upper Structure will let him/her know that the common laws really do not apply on them.

Princess Diana might be a famous case where one steps out the boundary of the COMMON and onto the toes of the Upper Structure. She used to be in the domain of the COMMON, and then she married UK Prince Charles and entered into the domain of the Upper Structure. Many years later, she probably had better understanding about the life in the Upper Structure and decided to go back to the COMMON. Then she died in a car accident.

Many people could not determine whether she died as result of a conspiracy because they could not figure out how such orchestrated assassination could have been conducted. According to the various investigations conducted by French and British authorities over the years, while the car, a 1994 Mercedes Benz S280, was travelling at 65 mph through an underpass in Paris, it swerved to the left, hit the pillar, and then spin around many times until it stopped. The driver, Princess Diana, and her boyfriend died from the injury sustained.

In a conspiracy investigation, the driver would definitely be the focus. Since he was deceased, then the potential trail stopped there. But people never considered the possibility that the car might have been remotely controlled to accelerate abruptly just moments before it entered the underpass, and swerve to hit the pillars in the middle of the road. It does not matter whether the driver stepped on the brake because he did not have any control of the car. Does this sound implausible? Any driver would assume that his/her manual operation in the car would overwrite any electronic instruction sent remotely to the vehicle onboard computer system. But it is an incorrect assumption. According to a scientific paper authored by the joint team of researchers from UC, San Diego and University of Washington – [Comprehensive Experimental Analyses of](#)

[Automobile Attack Surface](#) -- the remote hacking of an automobile computer system is not just possible but also quite accessible to people who know their trade.

The paper concludes

- (1) It is possible to compromise the “pass-through” devices through dealer WiFi network, and the malicious codes would be injected into the every vehicle that connects to the infected devices.
- (2) It is possible to inject malicious codes/programs through CD players or iPod connectors.
- (3) “To be clear, for every vulnerability we demonstrate, we are able to obtain complete control over the vehicle’s system.” That includes “forcibly engaging and disengaging individual brakes independent of driver input”.

Modern automobiles (including the Mercedes Bens S280) are controlled by diverse sets of digital components, called the Electronic Control Units (ECUs). They are all interconnected so that codes/programs injected through any one of the ECUs, such as through a song played in the integrated vehicle CD player, could be propagated from Media ECU to other components without much restriction. In a PC or MAC environment, the operating systems will handle the basic security functions. But there is no such integrated security safeguard in the vehicle onboard computer systems. In the case of my car, somebody probably simply attach a GPS receiver and a wireless transmitter to the system so that, when I shift the gear, the Transmission Control Unit sends a signal to trigger a GPS reading and subsequent data transmission to the commercial wireless network. This research report shows that it is possible for people to attach a device to send the Engine Control Unit a signal to accelerate or shut down

throttle when it receives instructions through the wireless network, overriding whatever the driver intends to do. These findings are really appalling.

It is important for us to put these revelations in perspective. Despite the periodic dark clouds passing over and blocking the bright Sun light, do not forget that our reality is filled with light and love. Otherwise we will not be able to live, prosper, and learn on this beautiful planet. Sometimes I wonder whether the realization of dark manipulative forces is just a part of mechanism to supply us with the impetus to search for the light. I think that we need to know that the light and love do not just come from the outside, but also, more importantly, come from the inside and from the heart of each of us. Believe it or not, this is how our reality, the gigantic and highly sophisticated quantum program, is designed.

Many of us probably heard about the story "Foolish Old Man Who Moves Mountain". (It is an old Chinese tale about a man who decided to move the mountain in front of his house because it had blocked his way. The villagers were laughing at him and asking him how that could be possible by using just shovels. He responded that he would keep digging until he was dead. Then his son would take over, and then his son's son, so on and so forth. And through the great effort of endless generations, the mountain would be moved.) The explicit lesson to be learned is that in life will-power really matters. I think that there is deeper understanding here: the relationship between we the human and the Nature; between the mind and the Universe.

The deeper meaning from that famous story, as what Walter Russell and many others have seemingly suggested, is that this Universe, or reality, in which we live is somehow interactive.

Let me use an analogy to illustrate the meaning of "interactive": There are many games nowadays which allow the players to create characters, construct cities and bridges, and define how different characters or entities interact with each other. The master programmer of the game defines the basic construct, rules, and limits of the game, and the players create all the entities/subjects in the game by following the rules/limits. For characters living in the game environment, it is impossible for them to consciously change/modify the game environment in which they live, probably because they are just electronic reflections of the creative intentions of the master programmer and the game players. Only the master programmer and the game players, who are external to the game environment, would be able to effect direct changes to what those characters can experience. So in a game construct, the game characters cannot interact with the environment.

Most of us were brought up believing that is also the case in the reality we live in. But according to Walter Russell's work, we actually can consciously effect change to our environment, e.g. our health, our life, and the outer world. Yes, our world can actually be shaped by our mind, our desire and our will. It is as if, in the aforementioned game example, there is a hidden interface in the game construct that allows the game characters to modify the game parameters from within. Does that sound incredible?

In life, we strive hard to be all we can be. We know that it requires hard work and single-minded devotion. But we do not know that the only thing that limits what we can achieve is our own mind. To be awakened is to liberate our mind and let our inner light shine forth. That is the efficient way to eliminate darkness.

Chapter Eight Sea of Energy

There are many aspect of awakening. One of them is to re-learn the true fundamental principles of this universe, which have been hidden from our consciousness since we were born. We will know that we have unlimited energy around us everywhere in our environment once we acquire the necessary knowledge.

Feb 20. 2012

Many years ago when I was still working in Beijing, China, I had the following encounter: My colleague and I were having lunch in a restaurant in a major hotel along the Changan Jie one day. There were three men entering the restaurant, one followed by two. My colleague asked me: "Do you know that guy?". I said: "No." Then she told me that the person in front is ... , and he had supernatural ability -- he can move a medicine pill out of a sealed bottle (I forgot it was plastic or glass bottle) using his power, and he was under protective custody. I laughed and told her that I would never believe something like that unless I saw it with my own eyes.

That was more than twenty years ago. As I have mentioned in my earlier emails, I bumped into the concept of "free energy" a few months back. I had chance to research and review the materials and patents created by various inventors and authors such as Nikola Tesla, Tariel Kapanadze, etc. There are ample evidences that the "free energy" is real and feasible: we have abundant energy around us and the technologies are readily available to harvest those energies. Given the fact that Nikola Tesla had most of his discoveries during the late Nineteenth Century and early Twentieth Century, i.e. about one hundred years ago, one would wonder why some of his discoveries are still not available for commercial uses.

After some digging, I have reason to believe that many of the inventions by Tesla and other inventors are indeed part of secret projects of various US government agencies, such as NASA, DOD, etc. Even after many decades, those projects, such as electromagnetic energy machine

and anti-gravity flying vehicle, are still kept secret, probably due to the potential impact of such discoveries on the human civilization, human consciousness, and on the value of trillions of dollars of investment in traditional energy sectors.

It is like a dormant volcano -- the pressure is building up and the eruption is inevitable but the timing is uncertain. With the Internet, it is getting harder and harder for the Shadowy Groups to continue to wrap the truth under a blanket. There are actually some organizations in US and Europe which promote such technologies and concepts. I would not be surprised if the massive eruption happens within five years.

Once these technologies finally become available in the public domain, there will be a huge revolution in human society: abundant low-cost and emission-free energy to power households, cars, trains, planes; human can explore space using anti-gravity propulsion technology; and etc. There is no doubt that over time assets that worth trillions will be destroyed, but at the same time new wealth worth trillions will be built. I think that we can have a shot at the historical opportunities if we are properly positioned to take advantage of such revolution.

As you know, while I have expertise in the field of computer science, and economics, I am only a new learner in the field of electromagnetism and electrical engineering. However, understanding the "free" energy concept probably requires more an open mind than advanced degrees in that particular field, an open mind that is ready to process and digest the "unknowns" without artificial restrictions.

Last time I checked, Kapanadze has made a demonstration on a 150KW version of his invention. I think that we can do something similar based solely on Tesla's patent which is free, once we figure out the optimal frequency and voltage to use. Although I could not so far

envision the exact business model for such energy business (it is the indeed "free" energy so one cannot collect rent by restricting access), I am sure that this will be an once-in-five-hundred-year opportunity.

It is understandable that there are institutions which would resist such advancement in the technologies and human knowledge, in order to protect their own interests. But it is not about profitability any more. If the Giza Pyramids were built more than twelve thousand years ago by more advanced human being, then we know that life on Earth is not very stable over the span of hundreds of thousands of years. If it takes us too long to figure out the knowledge and technologies to enable us to take advantage of the abundant energy sources in this Universe -- to power our daily life and to power us for space travel, then we might be doomed to re-evolve from the Cavemen again, once some natural disaster strikes from time to time.

That is why devices designed by Nikola Tesla and by Kapanadze are essential for the human race to march to the next phase of development. They are simple and small devices, yet mark the giant step for human race from primarily harvesting energy from burning carbon compounds to harvesting the native energy of the Universe -- the power of vibration and spinning of the particles.

The man I saw in Beijing was Wang Baosheng. I never believed then that he could have done the amazing trick since I was too highly educated to be superstitious. Many years later in US, as I was conducting my research on the "free energy" and anti-gravity technologies, I bumped into a book written by an American author who had witnessed the demonstration done by Wang Baosheng decades ago. The author also claimed that the demonstration was filmed by Chinese authority, and in one of the frames, the pill

was visibly half in and half out of the bottle. If it is true that people like Wang Baosheng possess “super-natural” power, then why it is possible and how it is done.

There have to be energy fields surrounding us, and to which we, the pill, the bottle, and Wang Baosheng were all connected, so that Wang could use his mind to create a distortion in the energy field and accomplish the spectacle. This was my tentative hypothesis while I was searching for the Unified Theory that can explain all these “strange” phenomena. As a matter of fact, I eventually found Walter Russell’s work, which I would discuss later in this chapter.

The evidences are piling up that, in this physical reality, the only thing that limits what we can achieve is our ability to imagine. Three hundred years ago, we believed that the Earth is flat and we would fall off a giant cliff if we sailed far enough. Now we believe that it is impossible to extract energy from the ambient environment at very low cost and without emission. While part of these false believes could be attributed to the indoctrination of the entire population by the shadowy groups who want to maintain carbon energy monopoly and hence the total control of the entire humanity, we should take large part of blame because most of us just go with the flow and are too busy to question those limits imposed slowly through many years of education and life experiences.

Those limitations in my mind were shattered after I started to question about the official 9/11 story. It opened my eyes to the “make-believe” nature of our reality. I started to look at everything with a fresh pair of eyes. Many people have mentioned Nikola Tesla and other “free energy” inventors/discoverers in the past, but I had never paid them much attention simply because I did not believe it is possible, if the law of conservation

of energy is to hold. Then I learned that the Law of Conservation of Energy indeed holds in these “free energy” devices. The trick is that the source of the energy is something we could not sense using our five senses and we could not detect given our current advancement in technology. But that source of energy is alive and well, and is waiting anxiously to be discovered, explored and utilized. In this chapter, I will discuss some actual inventions made by various global inventors, and the possible theories to explain why those devices have worked. It puzzles me that we have not yet seen a theory in public about the hidden source of energy, even many decades after some of the inventors had presented their discoveries. However, the absence of theories to explain these phenomena does not in any way invalidate these discoveries made by the courageous inventors.

The following three cases all have concrete implementations, demonstrated by videos, patents filed, and/or actual industrial applications at one time. I want you to search the Internet to decide for yourself whether they are viable energy sources for the future. As you can imagine, given the astronomical amount of business and politically vested interests in the traditional carbon-based energy industries, there have to be many misinformation or disinformation spread through the scientific research institutions and on the Internet on whether these “free-energy” sources are viable. So it is very important to do your own research with an open mind, and make your own discovery without being dissuaded by people with presumed “authority”. When you find positive results, do share them with your friends and family, since the more people are aware of these technologies, the closer we are onto a bright future of pollution-free energy. As we

learned from the previous chapters, the very act of your researching on these ideas and technologies will help create thought-forms which can be picked up by others.

Case I: Tariel Kapanadze's Electricity Generator

Kapanadze is professor in a Georgian university. Over a span of a few years, he posted several videos on the Internet about his electricity generator. These videos clearly have shown the gradual improvement in his inventions and the necessary setup to make it work. He later found some investors and they built and tested two versions – 5 Kilowatt and 150 Kilowatt. In 2009, a company was set up attempting to market the 5 KW version of generator, which is about the size of shoe-box.

In those video demonstrations, Kapanadze used only a 9V battery to start the generator. Then it will run on its own without additional input of electricity. Apparently the device is pulling energy from some invisible and unknown sources. In one of his media interview, he attributed the large part his invention to the early work by Nikola Tesla, and stated that his own contribution was to have figured out mechanism to maintain resonance automatically in the electric circuits in his device.

The part of Tesla's work which Kapanadze referred to is the Tesla Coil. It is an artificial lightening generator using high frequency and high voltage alternate current. It has two stage LC circuits. The external electric source powers the first stage LC circuit, which then induces oscillation of electric current in the 2nd stage of the LC. And large streaks of electric discharge will appear in the air surrounding the 2nd stage, just like the natural lightening but in much smaller scale. Many hobbyists all over the world have built their

own versions of Tesla Coil, and generated the artificial “lightning”. But nobody has mentioned about the extra electricity power being produced.

That should be no surprise, because if Tesla had designed Tesla Coil to generate the energy “out of nothing”, then we would probably have never heard about the device. Some researchers believed that Tesla had hidden the secret to generate the “free energy” in the Tesla Coil. And Kapanadze is the latest inventors who figured it out. The other inventor worth mentioning is T. Henry Moray, who is said to have built a radiant energy generator in 1930s which weighted about 60 lbs. and produced about 50 KWs of electricity without using any fuel. In his book *The Sea of Energy in Which the Earth Floats*, he explained how his devices worked:

“Basically the theory of operation is as follows. Oscillations are started in the first stage or circuit of the device by exciting it with an external energy source. The circuit is tuned until the oscillations are sustained by harmonic coupling to the cosmic wave frequencies. The reinforcing action of the harmonic coupling increases the amplitude of the oscillations until the peak pulses spill over into the next stage through a special detector or valve which prevents the return or feedback of energy from succeeding circuits. These “pulses” drive this stage which oscillates at a lower frequency and is again reinforced by harmonic coupling with the ever present cosmic waves. The second stage drives a third stage and additional stages are coupled until a suitable power level at a usable frequency and voltage is obtained by means of special transformers.”

“Once the machine is in operation and delivering power, it does not require any continuance of the excitation forces which are necessary to start it. The oscillations are

sustained as long as it remains properly tuned and the external circuit is completed through a suitable load.”

Case II: John Searl’s Permanent Magnet Generator

Inventor John Roy Robert Searl discovered the Searl Effect in 1946. According to his website, the Searl Effect is “based on magnetic rollers around magnetized rings. Energy conversion while operating involves processing of random quantum fluctuations and kinetic energy within the atomic lattice into coherent currents of electron pairs formed between two-dimensional boundaries of different type materials. “ The Searl Effect Generator is “in effect an unbiased solid state magnetic diode that can effectively turn ambient energy into asymmetrical electron motion out of randomness into a uniform state or non-random state of coherent currents, consisting of high velocity tunneling electrons pairs with photon like characteristics.”

The principles of SEG is quite straightforward: the multiple rotating magnetic rings could turn the electrons that are presumed to be in random and chaotic motion into ordered electron streams, hence generates electricity. The law of conservation of energy appears to hold in this case because our current instrument can detect and measure only the orderly motion but not the random motion of the particles.

Case III: Atomic Hydrogen Welding Torch

Atomic hydrogen welding is an arc welding process invented by American inventor Irving Langmuir. The electric arc between two metal tungsten electrodes breaks up the hydrogen molecules into hydrogen atoms at about 600 degrees centigrade. The hydrogen atoms later recombine releasing tremendous amount of heat, reaching temperatures as high as 4000 degrees centigrade. So where are the extra energy released come from? Is the metal tungsten acting as a catalyst here? Is the law of conservation of energy violated here? Why have not we used this process to produce electricity?

All these inventors have discovered some novel processes to harvest energy from unknown sources, but none of them has a theory about where and how the above-unity energy come from. For the Law of Conservation of Energy to hold, this extra energy harvested must come from sources which the contemporary science has yet discovered. If the modern scientific theories cannot explain all these phenomena, it does not mean these inventions are invalid. It only means that we need new theoretical framework to expand our understanding of the Universe. Apparently these inventors have not had access to Walter Russell's work.

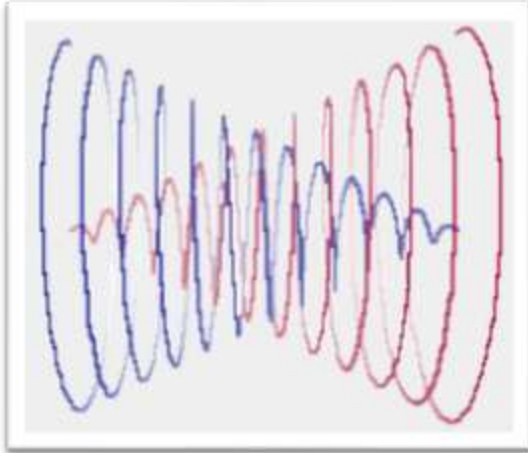
I found Walter Russell's books in my quest for the secrets of the Universe, which apparently have been hidden or at least obscured from the mainstream knowledge pools for more than sixty years.

Walter Russell lived in early 20th Century. He was never trained in physics or chemistry, yet he published many books on his vision of the exact mechanism of the Universe,

including “The Secret of Light”, “New Concept of the Universe”, “Universal One”, and many others.

I have read many of his books. Because the concepts and ideas presented in those books are so fundamentally different from what I have learned through my formal education, I needed to read many times before I could achieve a good level of comprehension of his theoretical framework. I believe that he has a solid framework about how this Universe works. His work were largely ignored or obscured by the mainstream sciences probably because of the source of his knowledge. Walter Russell claimed that he had "Cosmic Illumination" so that he had all the knowledge telepathically dumped into his mind, which he then interpreted using English language and lots of sketch drawings. Here are some of his findings:

1. Everything in this material world, from gigantic Galaxy to tiny atom, constantly experiences two interacting and "opposing" processes: the generative/compressive one and the radiative/expansive one. The generative process compresses the “Universal Substance”, also called ether, quantum foam, etc., into forms visible to human senses, while the radiative process radiates/releases the forms back into “Universal Substance”. He illustrated these two forces as two opposing vortexes shaped like ice cream cones. The universe is comprised of numerous such cone-shape vortex pumps.



Fascinatingly, this description shares some similarity with Chinese "yin/yang" concept.

2. He created a periodic table (table of Elements) arranged on the basis of the same principles as music Octaves. In his table, there are many elements precede Hydrogen, but are invisible to our senses and even to our scientific instruments. He sent his periodic table to hundreds of scientists in America and in the world in 1920s, and he believed that it had assisted the discovery of the elements later used in the fission reaction.

According to his work, the seemingly distinct elements, such as Mercury, Nitrogen, and Gold, are the same "Universal Substance" going through different stages of development, and represent different states of motion of the same substance. If this theory is correct, then it is possible for human to transmute elements.

3. He stated that the gravity, which the modern science considers as pulling force from the center of the mass of an object, is actually the net result of two forces -- the generative force going toward the center of the mass and the radiative force

coming from the center of the mass. These two forces are both electrical in nature, which can possibly be altered using electric means.

There are many reports of anti-gravity phenomena all over the world: the levitating monk in Burma; the anti-gravity effect of John Searl's experiment; John Hutchinson's flying iron ball after being blasted with high-frequency and high voltage electromagnetic waves, etc. They can all be explained by Walter Russell's theory of gravity.

4. According to Walter Russell, we have unlimited amount of cosmic energy all around us at any point and at any time. They are not obvious to our senses or to our scientific instruments because they are in equilibrium. Once we design a process to disrupt such equilibrium, then we will be able to harvest the limitless cosmic energy.

Carefully tuned Tesla Coil can do the trick. So can T. Henry Moray's radiant energy generator. So can Kapanadze's generator. So can John Searl's Searl Effect Generator. There are many more possibilities once we understand the fundamental principles.

I think that Walter Russell's revelation could be the "Holy Grail" which the scientists are said to have been searching for – the Unified Theory of the Cosmos. I urge you to read his books and try to understand them. I plan to give his work a more detailed analysis in a separate book in the future.

Chapter Nine The Co-creator Of the Universe

So what are we? Where did we come from? Why are we here? Do we have the means or the power to change the world? If we do have the power, then how do we use it? I always have these questions in my minds but have never got time to really ponder on them, since I was working hard, like any average people, to earn a living in order to pay mortgage, car payment, food, expenses on raising children, to save for retirement, and to pay taxes, etc., and was behaving like a robot without asking questions. Maybe I was so afraid of asking these questions. Maybe I was afraid that the answers might not be pleasant. But I, and you, the reader, are probably the lucky ones, since many people will likely not be able to find the answers to those questions in their life time.

In hindsight, I was lucky to be put in a position to have had intimate experiences with both 9/11 and 2008 financial crisis so that I can analyze these events and hence build an impetus for me to push ahead to discover the ultimate truth, hidden behind very thin veils. These events and the after-thought of them shook me out of the self-contained “bubble” which I used to call reality and gave me a chance to see the bigger reality outside of my perfect “bubble” and to discern the truth about my life.

Many of the conspiracy theories are indeed valid. Our world have been heavily and maliciously manipulated by various shadowy groups, which have secured monopoly in the carbon energy industry, military and defense industry, financial industry, and healthcare industry, etc.. Those shadowy groups exert control over the world population by taking over the mass media industry and political system, so that we continue to meet our energy need by burning carbon-based energy sources; continue to wage wars for whatever excuses promoted by the mass media; continue to pump up the economy by piling up the debt to sustain the global PONZI scheme; continue to focus on making

profits rather than healing the people; and continue to let people die of hunger while we have plenty of food to feed anyone on the Earth.

Through my research, I come to realize that we have technologies to extract the abundant energy from the ambient environment; we have the ability and knowledge to heal ourselves under most of the circumstances; we do not have to fight each other since we are all connected, no matter what kind of difference there may be; and we do not need to play in the PONZI game to be prosper and to thrive. But why have not we done these yet? Why are so many people suffering on the Earth as the result of these negligences or even willful wrongdoings? Are we capable of changing the way-it-is? As more and more people become awaken, will these shadowy groups simply give up their power, or will they abuse their power to push the world onto the brink of another world war? You must wonder: what can we do about it? To answer that question, we need to understand who we are.

The modern science has shown that there are about seventy trillion cells in an average adult human body. Every day, tens of billions of cells die and similar amount of new cells are created. So almost all of our body cells would be recycled once every few years. Apparently, all these operations are conducted without our instruction or direct intervention. So who or what is giving the instructions to those cells, if we do not do it? And what is the exact relationship between our physical body and us?

Now let us examine two chemical processes: one is photo-synthesis and the other metabolism. The former is also called “green leaf effect”, and is the vital form of chemical reaction through which the plants, with the presence of light (photons), convert the water and carbon dioxide into oxygen and carbohydrate, which is in essence

a form of bio-chemical energy storage. The latter happens in our bodies where the carbohydrates, working with oxygen, decompose back into water and carbon dioxide, and simultaneously release the stored energy to our cells to use.

Let me get this straight: the biological energy flows on this Planet can be roughly characterized into two major streams: the plant cells are busy every day to produce biochemical storage, so that humans' and animals' can be busy every day to consume the energy – the exactly opposite processes. We breathe and we eat simply to reverse the process that has been set up in the vegetable kingdom. Now let us take a look at how the human society is organized: under our current economic system, many of us spend majority of our time struggling to put food and other consumables on the table. Many of us work overtime willingly to try to satisfy our materialistic desire to the fullest extent.

This cannot be coincidence. Apparently there is strong possibility that these two processes are deliberately designed. If we assume that this hypothesis is true, then we must wonder whether the whole flow of life could have been designed differently. For example, can our cells have been designed to take energy from visible lights radiation directly instead of from discharge of biochemical battery – carbohydrates? Would the design of our body be a lot simpler this way: we no longer need the digestive system, circulatory system, and many other systems? Then would our life be lot simpler yet happier? Just imagine how we would construct our societies differently since we no longer need to spend most of our time on satisfying our hunger and other derived needs. I think that the human society in current form is not an accident, and is closely related to how we have learned to satisfy our need and desire efficiently.

We all learned from our Sociology class that the human society has evolved over many different stages, and our capability of producing foods and other consumables – the productivity – is the deciding factor on how the production is organized and how the human society is structured. In early period of the Primitive Society, small numbers of people were organized into tribes to hunt, and the able and strong dominated the social structure; in later period, people discovered ways to cultivate crops to produce predictably and the agriculturally skilled started to dominate. As the size of the tribes grew larger and war broke out. The people from weaker tribe would be considered as “possession” of the captors, and these slaves would be forced to labor on cultivating the crops without being compensated. As some tribes became more successful than others in producing foods, they needed more labors. The slavery system was then done away with so that these labors could be more efficiently distributed to the most productive tribes or plantations. In the Feudalistic society, the land lord owned the land and other production resources, and the “free” tenants worked on the land and paid part of harvest as the rent to the landlord. So far, the production still surrounds the production of food and other necessities.

As people figured out ways to produce foods and other goods more efficiently with the employment of machinery, the laborers started to converge into cities and became workers. Since people no longer just produced to satisfy their basic needs, they started to expand their needs to areas other than just necessities. Industrial Revolution in the Western Europe was a major turning point in human evolution – the accelerated pace of technological advancement ever since has afforded most of people on this planet to live more prosperous and more fulfilled lives.

While the discovery of electricity and other electronic technologies has greatly enriched our life, it also made the mass propaganda and mass hypnotic operations at global level possible through the controlled media. Did NASA's manned moon landing really occur? Many are pretty sure because they watched it on the Live TV broadcast. The image blinded us from the simple logic: what is the probability of successful manned moon landing at the first try while the unmanned soft landing was only conducted successfully after more than thirty failures?

Five hundred of years ago, people might not enjoy the same level of materially abundant life as we do now, but they probably have more freedom to exercise their most powerful tools that are in their possession – their mind. Now we had experiences in 9/11 and financial crisis, we know that the shadowy groups were manipulating our mind by staging large-scale global events. Well, they had success in “manned Moon landing”, and apparently they were greatly emboldened by their success. But their hypnotic power will be significantly weakened once more and more people start to awaken, to question, and to search for the truth.

It is the time. We have the global Internet and we can use this tool to acquire true knowledge, broaden our mind, hence empower ourselves and strengthen our societies. That is the mission of my writing this book. Now, let me discuss why our minds are very powerful.

Researcher and author Gregg Braden has done lots of researches and lectures on the power of mind. In his book *The Divine Matrix*, he explores the cases which have demonstrated that we are not just physical beings taking our environment as given. On the contrary, our reality, or the divine matrix, can actually interact with us through our

mind, i.e. our emotions and our thoughts can have almost immediate effect on the reality we experience.

Gregg Braden cited research which was conducted by physicist John Wheeler, who proposed that this Universe is a “participatory” one, and suggested that, in such type of environment, we experience what we create. In his book, Gregg gave many examples on how people change their reality by belief and imagination: “We have all the power we need to create all the changes we choose.” and “the focus of our awareness becomes the reality of our world.” This understanding resonates with the teaching by various channelers such as Abraham-Hicks: we can create a loving environment by being loving, create peace by being peaceful, and create abundance by being mindful of abundance.

According to Walter Russell, mind is what motivates the Universe and mind is all that is in the Universe. When we were born, we do not have the memory of our individual mind being small part of the big whole, like a water droplet to the vast ocean. We believed we are completely separated from other people and from the Nature, and could not see beyond the walls we have built. But the very reason for building a wall is for us to learn to evolve by taking it down. The path to take this invisible wall down is through awakening.

Researcher Dan Winter has a very interesting theory: he thinks that our DNA, the double-helical genetic material that presents in our cells, can change the shape by responding to the electric field generated by our heart. When we experience the feeling of happiness and bliss, the electric field of our hearts makes the DNA more relaxed and extended; when we experience negative emotion, such as fear and anger, the wave field generated by our hearts makes the DNA tighter and more twisted. Over longer run,

these phenomena affect our health and well-being. Let us use an analogy: our bodies are like symphony orchestras, and our hearts are the maestros. The maestros are directing all the body organs and cells to perform the most beautiful harmony there is, if only we allow it by mentally projecting loving, peaceful, and happy emotions and thoughts. So the key to long and healthy life is that one should try to live in positive emotions as much as possible.

In order to achieve the ultimate enlightenment, one must understand the concept – resonance. People usually say that one’s name determines one’s future. It might not be the only factor, albeit it is a very important one. According to esoteric studies, the name corresponds to a sound, which in turn corresponds to a set of frequencies (consider the harmonics). When that sound resonates with a certain flow of energy, then the person with that name would have access to this flow of energy. A symbol can also be mapped into a sound frequency that connects to a certain invisible flow of energy. (The same logic could yet be applied to the Kapanadze’s electricity generator: when the two-stage LC circuit achieves resonance with the unknown energy source, it can then have access to the hidden energy and harvest them.) The “Law of Attraction” holds that you have access to love, peace and abundance if you adjust your vibration to the corresponding frequencies. The New Age researchers believe that the humanity can ascend into higher dimensions by consciously raising our vibrations to higher levels, i.e. by achieving resonance to the vibration of higher reality. It is similar to tuning for next Radio Station or TV channel.

By fine-tuning one’s brain, a resonator, one can also have the access to unlimited knowledge in the “Universal Knowledge Pool”. I define UKP as the comprehensive

electronic/magnetic records of all human knowledge and experiences stored in a hyper plane which our mind have access to. Our brains are wave resonators. While every human should have the latent capability to connect to the UKP, some of these resonators are probably more sensitive than others. One can try to understand more about how to establish the connection by studying the life experiences of those genius ever lived during the past few hundred years, such as Nikola Tesla, Walter Russell, John Keely, and Steve Jobs, etc. Once the brain “resonator” is tuned and connection is established, one only needs to hold the problem which he/she desires to solve in his/her mind as either a wordy description or graphical illustrations. Although it is possible for one to obtain knowledge/understandings which are one hundred years or more ahead from our current state of development, one would either not be able to interpret them properly, or not be able to find the available tools to implement those ideas and turn them into technologies that serve the mankind. Despite the complexity of the process and the uncertainty of the outcome, direct connections to the “Universal Knowledge Pool” will help to accelerate pace of technological advancement never imagined by the modern science.

As to the scientific basis of the “law of attraction” and our potential connection to the UKP, the partial answer was given by John Keely:

“The sympathetic conditions that we call mind are no more immaterial in their character than light or electricity. The substance of the brain is molecular, while the substance of the mind that permeates the brain is impregnated; exciting it into action and controlling all the conditions of physical motion, as long as the sympathetic equative is in harmony.

The brain is not a laboratory. It is as static as the head of the positive negative attractor, until influenced by certain orders of vibration, when it reveals the true character of the outreach so induced. The brain is the high resonating receptacle where the sympathetic celestial acts, and where molecular and atomic motion exhibits itself, as according to the intensification brought to bear upon it by the celestial mind flow ...”

Because our minds have the power to create the reality that we are going to experience, we need to learn to keep them in tune with positive energy flows such that the mankind collectively can experience better and brighter future. Unfortunately, the negative forces want to take advantage of our ignorance of this fact to create the future that is beneficial only for them.

Now, equipped with esoteric knowledge about the power of our mind, we can come back to the physical world and take a look of challenges we are facing. We know that those various shadowy groups who are trying to control the humanity are likely the manifestation of the multi-dimensional predatory forces combined with the negative energy we give off when we experience fear, anger and doubt. Yes, we are partially responsible for feeding into the power of those very dark forces we should have opposed. Every time we worry about the economy, job or bill from next month; every time we feel hopeless about our future; every time we are distracted from thinking critically about many important issues by TV shows or sporting events; every time we have doubt about whether our future will be better; every time we are fearful; every time we indulge ourselves in unethical behaviors; every time we suffer; we are giving power to those dark forces, and we are sliding further away from our goal of spiritual growth.

The majority of the people in this world place no priority on awareness or attentiveness, and instead live life in a semi-conscious dream state that makes them very prone to being pawns of the Control System. That is probably how I, even with all the graduate degrees and working experiences at some of the world renowned corporations, have lived before the day when Netflix recommended the movie – “Loose Change – American Coup”.

The very fact that you are reading this book is a strong testimony that you are ready for major spiritual advancement. As you can see from my journey, the road to awakening is not a straight-line, and the path of the journey depends not just on your own effort but also on the how you react to those obstacles lying on the roads, some of which maybe the tests of your resolves and sincerity in your spiritual development, and some of which maybe the traps to lead you astray. At times, series of events might make you resort to the negative emotions, such as fear, doubt, and anger, etc., as you are exploring the unknown territory; at times, people around you seemingly try to do whatever it takes to make you change your mind; and there will be times when you feel that every force in this manifested reality is going against you. When those things happen, just remember, you are not just a physical body, but a sentient existence with a powerful indwelling soul. You have all the tools to combat those negative and dark forces, but you need to strive to make the right choices every step along the way, by acquiring the knowledge and self-knowledge, practicing discernment and critical thinking, aligning yourself with higher vibratory frequency of existence by having positive thought and emotions, such as joy, happiness, creativity, compassion, love, etc. and by living a righteous life, and

believing that you are a co-creator of the Universe. It is our duty to ensure that our children live in a better world than the one we found ourselves in.

Chapter Ten Vision of the New World

The humanity had huge leap-forward during the past few hundred years. Just three hundred years ago, many of us believed that the Earth is flat. The Newton physics has been dominating our minds for hundreds of years and became a special case in our new understanding of the physical reality brought forth by Einstein's Theory of Relativity. The revolution in electronics only started about a little more than one hundred years ago, but now they, such as mobile phones, communication networks, and computers, etc. have become the crucial infrastructure on which our way of life depends upon. Our civilization has become so advanced in many aspects but has become so stagnated in others: we are still burning carbon based compound, such as coal, petroleum, etc., to extract energy to heat our houses, power our cars and buses, and to generate electricity to power our life; we are still relying on artificial chemical compounds to relieve our illness and ensure our wellness; we still do not have the scientists to come up with theories to explain phenomena that have been demonstrated by global inventors from many decades ago; our space technology still relies on rocket propulsion to power the space ship which make manned journey out of the Solar System impossible; and many of us still live the life like we are only physical beings.

Many experiments and patented inventions have demonstrated unanimously that cleaner and more efficient forms of energy can be extracted from sources which are still unknown to us. We can use these forms of energy not just to power our current life styles but also to unfold new waves of inventions that could transform our reality. The ancient medical practices from South American jungle and Asia can cure many diseases with naturally formed chemical compounds extracted from plants and with other

holistic method (Rife) at very low cost. Some scientists have created devices to fly without jet or rocket propulsion by manipulating the magnetic and gravitic forces.

As the global deleveraging process started in 2008 financial crisis continues to play out, the modern fractional reserve monetary system is under lots of stress. Unlike in Cyprus where the uninsured bank depositors have to take a significant hair-cut, US has been able to pile the losses from the financial crisis and ongoing credit-implosion process onto the Sovereign balance sheet by accumulating more than \$6 trillion of debt in four years. The similarity is that both countries have adopted least-resistance path. But such short-sighted “solutions” will likely, on one hand, wreck Cyprus’ safe-haven status of global banking, and on the other hand, potentially undermine the global currency status of US dollar. Wars in Middle Eastern oil rich countries will likely to continue since pricing the petroleum in dollar is crucial for the USD based global financial system. This might buy some time but it would not fundamentally solve the dollar problem since the largest fiscal items, such as Medicare/Medicaid, Social Security, federal employee pension, etc., are expected to grow quickly as the percentage of the retired workers in the population continues to grow. By then, probably within ten years, the unsustainable path of “no return” that the US federal budget is on will be visible to everybody. Nobody really knows what would happen when the reserve currency status of USD is shaken, as the global financial system has depended on it since the World War II, and tens of trillions of global trade and hundreds of trillions of worth of financial derivatives are priced in it. Some people forecast a total reset of global financial system in its current form.

While we keep our head down trying to solve our problems, we also need to lift our heads up to explore the true possibility in our reality. As we need new unified theories in physics to explain those “supernatural” phenomena, we also need to expand our understanding of this world to beyond the physical existence. We need to learn to perceive the unseen. Not only there may be billions of planets in our universe or other universes that support conscious life and civilization, but also there may be existence of different dimensions which we could have access to when we achieve the corresponding resonances. We need to expand both horizontally into the deep space and into other galaxy and Universes on the physical plane and strive to be a responsible Galactic citizens , and ascend vertically into the higher realm and higher level of consciousness in order to re-establish our forgotten connection to the Source. We need to build our civilization with the consideration of the inter-connectedness of these horizontal and vertical paradigms and plot the best course of evolution for mankind as a whole.

We are truly the blessed to be alive on this beautiful planet right now since we are endowed with mission to carry the human evolution into the new paradigm. I believe that all the ancient scriptures of different religions were transmitted by the entities from higher dimension at different times, in different languages, and at different geographic locations. The direct recipients of those messages in this physical plane became the Prophets.

In my view, there is only one Creator, or the Source, which is the constant flow of source energy that permeates and energizes everything and everywhere in the Universe. It is like the electricity flowing through the electric wires and powering electronic devices. As one cannot divide electricity into multiple parts, the Source energy is one indivisible.

While I fully treasure the diversity in religious practices and traditions, I think that the ultimate purpose of these faith programs is the same one: to search and rediscover the connection between the human existence and the divine experience.

Ernest Hemingway once wrote: “No man is an island, entire of itself; every man is a piece of the continent, a part of the main ... and therefore never sent to know for whom the bell tolls; it tolls for thee.” “We are all connected” is no longer just a slogan. It becomes our value and our culture. We need to make our decisions based on that consideration.

As this book comes to close, I wonder how many of you have reflected those fundamental questions we all ask of ourselves. I always have the feeling that my journey of awakening is not random at all but a part of larger global trend as if the Universe is summon us to “action” – to lead the continued transformation of the humanity which we have seen during the past few thousand years. I sincerely hope that this book will inspire you to search for your answers with expanded consciousness, and to search for the eternal “still magnetic light” that centers each of us. No matter who you are, we are not just all created equal physically but also equally connected to the Source. We all can be the true masters (or the master programmers) of this reality if we will it, because that algorithm has been programmed into this interactive world.

But you must will it and unveil it yourself. So start the journey to the Light today.

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