

MIDAS, Repository With "Under the Pillow Gold" Using Antipodal Unique Identification of Golden Coins for Regional Development and Monetary Applications

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Abstract

Our research started from Gold and the physical properties of Mendeleev elements as traceable ingredients into a golden coin. After the Econophysics inspiration I prepared to an engineering invention patent line to support counter forgery and to offer high security digital evidence for golden Coin and Bullion market. The engineering concept was to embed distinguish ingredients inside the golden coin. Ingredients are recognized through the scanning procedure having different magnetic, electric, and visual traces. For every single coin a full spectrum scanner produces a unique bank-note serial number. The golden coin secure identified is useful for financing, payments either digital or physical. The methodology is the cornerstone of financial and monetary actions like Gold repository, Gold 3.0, Solon's Seisaxtheia and any type of "Global Reset". The first implementation could be the witticism "gold pillow" to reunite people gold under a strong monetary tool ready for global gold and digital money actions. A more epic spatiotemporal intervention inspired by minister Hulusi Akar, where this gold repository could be adopted to formulate a new Eurasian luxury offshore destination for the new generation of rich and famous of this world.

Keywords

Antipodal; Global Reset; Fintech; Econophysics; Gold repository; Quantum Financial System

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Introduction

A few years ago, a publication about gold minting gained unexpected attention from international developers (Tsiatsiou, 2020). This was the triggering event to start interdisciplinary research on the field of secure gold. The research covered all gold issues like minting, forensics, auditing, monetary, anti-forgery business and physical properties, monetary applications and all necessary patents to present a viable solution for a single golden coin with all the following properties:

- unique in the universe
- digital identification embedded fingerprint
- certified gold purity

Antipode is an ancient GEOGRAPHY term for antithetical-counterbalancing and defined initially as "Relating to all situated on the opposite side of the Earth" (Oxford, 2021). Antipodal traceable ingredients investigation elevates tangible objects to the forensic environment of digital evidence. The methodology applies in almost everything from car parts and home appliances to processed food and packaging plastics. We always have in mind innovative engineering for unknown reasons to pure science, Gold holds a special place in History, if not being the history itself (Habashi, 2016). Gold is the most referred material in Bible with 515 references in total, 54 references are in New Testament and only 9 lemmas in Quran. Apparently, gold has a letter more than God and people in all centuries they based on it their life and prosperity. Apart of gold and power, lexicographically the lemmas "Paper" and "books" gained half references (269) but at a more emblematic speech

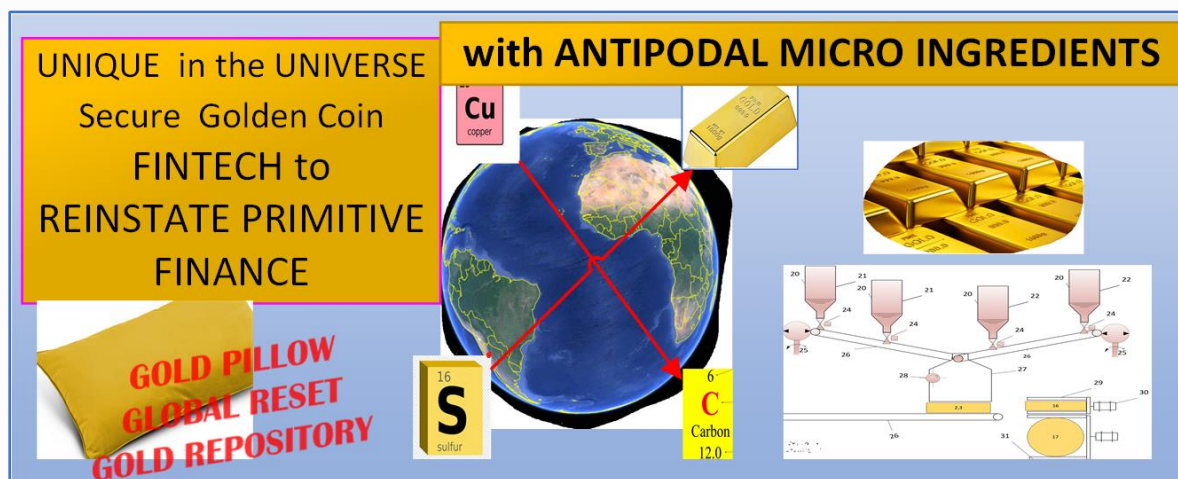


Figure 1, Graphical Artistic Abstract of Antipodal Patents and Applications.

Theoretical Global Framework

MIDAS touch

The Phrygian city Midaeum and Ancyra (today Ankara) was founded by famous King Midas according to Pausanias. Aristoteles (Jowett, 350bc) described that king Midas starved to death as a result of his Paraklesis to acquire the "Golden touch". His father Gordias made the "Gordian knot" that Alexander the Great solved and established the first world imperium. The MIDAS system named from both stories for king Midas family:

- The Golden nature of Midas Golden Touch
- The influence in history of Alexander the Great.

Gold Bullion and Coin Market

The Market Capitalization of Gold is currently around Trillion USD according to an inaccurate

methodology, by multiplying the current gold price (USD 1,880 per ounce) with the world's ever brought above the ground gold metal. As a consequence, it is safe to say that the current Market Cap of Gold is between USD 9.551 T and USD 14.326 T (Unknown, 2021).

Paper Market

A recent market research estimated the global Paper and Pulp market cap around 679 Billion USD by 2029 from USD 518 Billion in 2019. That is an increase rate of 30 per cent for the current decade (Commission). European Union official data for pulp and paper market today indicate a business with 647,000 workers in 21,000 companies and 180 billion USD turnover (NEWSWIRE) (Jolley et al., 2020).

Handwriting-Document Processing – Watermarking

The phenomenal believe that handwriting is obsolete in modern world is based on the psychological need for renovation imposed by dominant high-tech companies. This research is based on handwriting where a secure unique paper is necessary. In old fashioned “wet ink” applications, the person writes, verifies and sends electronically watermarked paper. The term “watermark” lost entirely its meaning after all these generations of electronics and data. The term evolved into a metaphor of the original meaning without paper or water. The paperless office and “Document Management” is still in use in offices, school and small business. An obvious assumption is that document management is an obsolete in today's office. Antipodal paper adoption continues the secure unique paper to be processed with digital methodologies.

Auditing

Auditing is getting deep inside any bank procedure and facilitates a better banking system Always forensic evidence was multimedia. Every tiny fiber or invisible spot in a crime scenery and auditing procedure has its story to tell. In this research a unique identification of things attempted to narrate their story eponymously. For the purpose of this research the term multimedia describes digital, electronically signed, enabled and evaluated digitally. This research is based on standards of the “American Academy of Forensic Sciences” (AAFS) and “American Society for Testing and Materials” (ASTM), (Sammons, 2015).

Forgery Counter-fight

The golden coin and bullion market today suffer from unlimited falsifying attempts at any level and country. Counterfeiters from ancient times find their way to illegal profit. The famous phrase of Archimedes “EUREKA” was the first technological solution to forgery a gold bullion. Today to verify gold pureness analytical machines are in use with great success. The main issue is that they cannot identify every single bullion uniquely. Our production machine and verification system ensure that every bullion once minted it is unique, genuine and pure gold. This is a great step to Anti-Laundering Counter-Terrorist Financing and Source of Funds Investigation Authorities around the world.

Antiterrorist

Financial Intelligence Units (FIUs) around Europe fight against terrorism. They based on the money laundry legislation in a multi-level auditing setting (Commission, 2016). A review for the last 30 years proved that key issues. is Big Data and intelligence FIUs worldwide did not give attention to gold but this will change in the future banking environment (Zisopoulos, 2021d) (Zisopoulos, 2021c).

WIPO for Business Codes

One of the most powerful global wide authorities the WIPO (World Intellectual Property Organization) classified the “traceable elements” in casting and security in two classes.

- Category B22F 10/39, on CASTING; Traceability, e.g., incorporating identifier into a

workpiece or article [2021.01](WIPO, 2021a)

- Category G06F 21/16, Security arrangements for protecting computers, components thereof, programs or data against unauthorized activity [2013.01], Program or content traceability - watermarking [2013.01] (WIPO, 2021b)

Nevertheless, until today patent applications under this specific class did not submit yet internationally.

Invention Patents Behavioral Compliance

Investigating Behavioral finance from scratch, synonyms found for the lemma "behavioral". According to primary sources (Unknown, 2022) synonyms are: "observable, detectable, developmental, discernible, evident, out-ward and physiological, social". Astonishing all these synonyms except the last one incorporates an instance of the "engineering world". I likewise believe Engineering solves more problems after successful experimental synthesis.

Great Global Currency Reset

The obsolete misguided term "Great Global Currency Reset" combines two contradictory worlds very well hidden until recently. The most known, the "Great Reset" (Schwab and Malleret, 2020), plays in a structured promotion in world media and it is under serious evaluation and/or implementation phases from governments around the Globe. The other under the strong monetary name "Global Currency Reset" with all associated thrilled actions started officially March 2022 as Quantum Financial Computing in a new GOV (USA) site (unknown, 2022a). However, both actions require a secure golden coin with traceability features and GPS temporospatial features. However automatic GPS was refused and I present an alternative for both features, traceability and spatial properties. To improve Turkish economy inspired President Erdogan to implement the witticism "under the pillow gold. Exact this was the triggering to urgently publish here our already patented inventions.(Segodnya, 2022)

Golden Coin QFS

The QFS Gold 5G Jetpacks contain 1 oz Gold Quantum Dollar. The Jetpacks are activated only when a QFS Gold Coin is firmly placed in the center of the device and recognized by QFS Artificial Intelligence Cloud Servers worldwide.(unknown, 2022b) It is expected 100 billion golden coins to be minted in gold and 100 more with less value in silver. In Figure 2 preliminary proposal, that was not endorsed from my patent, a golden QFS coin inserted firmly in a jetpack reader platform.



Figure 2, another experimental implementation of golden coin

Conceptual Research Diagram

After the bibliography presentation follows the steps to reveal our research follows:

- In Methodology chapter, the identification of golden coin along path trail creation is described in two patents for gold and paper. They are filed, approved and revealed for first time here along with software settings, Real time Intelligence and extension to all touchable items
- In Findings chapter I investigate real world materials, Big Data coverage in multimedia tangible world, Forensics strategy and crypto asset preliminary thoughts. Antipodal Econophysics theory is introduced along with micro ingredients and their properties.
- In a conceptual-lab approach I examine the Mendeleev elements for Magnetic Susceptibility and melting point. Their combination led us to choose Silicon as one of add-in fibers

for golden coin minting.

Methodology Process

Relevant patents have been filed and they acquired a WIPO patent number but there is secrecy period of 16 months in every patent application. Exact name and claims protection could be different at the final WIPO stages.

1. Gold Bullion Origination and Verification System with Unique Identification by embedding Traceable Ingredients Forensic.
2. Full range scanner for unique identification of paper and banknotes, pre-embodied with exclusivity antipode trace elements (Zisopoulos, 2021a).

Astonish all these synonyms except the last one incorporates an instance of the "engineering world". I believe Engineering solves more problems after successful experimental synthesis. My research started from Aristoteles Politics (Jowett, 350bc) 2350 years ago and stopped a few hours before 2022 with President Erdogan (Erdogan, 2021). All these centuries for realistic society progression invention patents are the final step after philosophy, politics and economics.

Gold Bullion Origination and Verification System

The patent abstract text released recently (Athanasios Zisopoulos, 2022): "The golden coin and bullion market today suffer from unlimited falsifying attempts. Counterfeiter from ancient times find their way to illegal profit. Today to verify gold pureness analytical machines are in use. The main issue is that they cannot identify every single bullion for anti-money laundry law enforcement. Our solution is to insert inside the golden bullion, between casting and minting a number of distinguish ingredients. These traceability elements irrevocable and unique identify every golden bullion or coin. After minting the secure identification recognition system uses sensors like Electrical Conductivity sensor, heat transfer sensor, full Radio-Frequency system, X Ray fingerprint and acoustic sensors to give a unique certified Identification number with associated detailed anti-forgery data. The bullion with a certified ID is definitely gold, unlike any other non-certified "possibly gold" bullion." The methodology applied to gold and other precious metals coins or bullions. Our approach in a few steps (figure 3) is:

- A cast with melted gold-bullion is inserted at the enrichment machine.
- The machine discharges tiny elements on top of the bullion.
- The elements are distributed randomly inside the bullion by gravity or after rolling.
- The coin remains stable after the minting the final coin
- The minted coin is inserted in the Identification machine and it obtains a unique code.
- A similar machine is used in any pawn shop, bank or home.

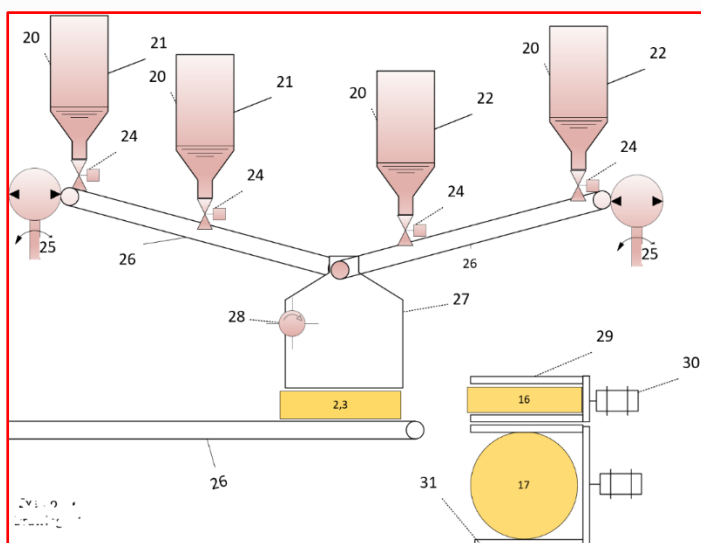


Figure 3, The golden coin Antipodal ingredient enrichment

The methodology is simple and not similar to other traceability methodologies since gold has real and not nominal value. The bullion with a certified ID is definitely gold, without ID is just like any other non-certified possibly gold bullion.

Forensic Full Range Paper Scanner

The second dataset for this research (Zisopoulos, 2021a) describes the scanner: "Office documents have forgery problems. Financial Intelligence units around the world endorse digital forensic methods. The procedure has two stages. First in the paper factory micro quantity of non-Destructive Testing particles-elements antipode materials is ejected into pulp and a paper sheet is prepared. In the second stage, in an office environment, the paper sheet is printed, signed or handwritten and is fed into the scanner. There a full range scan occurs with a number of Non-Destructive-Test scanners/sensors driven by appropriate sources and finally a unique identifiable page representation file is created. This file is unique and stored locally once. The document paper is used normally around the world and every time a forgery proof is necessary it is scanned again by a similar scanner and a net verification is performed." Patent application elevates paper documents and banknotes to a higher security level, it stays in a more human level and it avoids the evil labyrinths of Internet and blockchain. There are thousands of materials and elements to compliance with every method raising the number of possible combinations practically to unlimited. The result of this first stage is a paper sheet, inside pre-stamped, A4 sheet unique in this Universe.

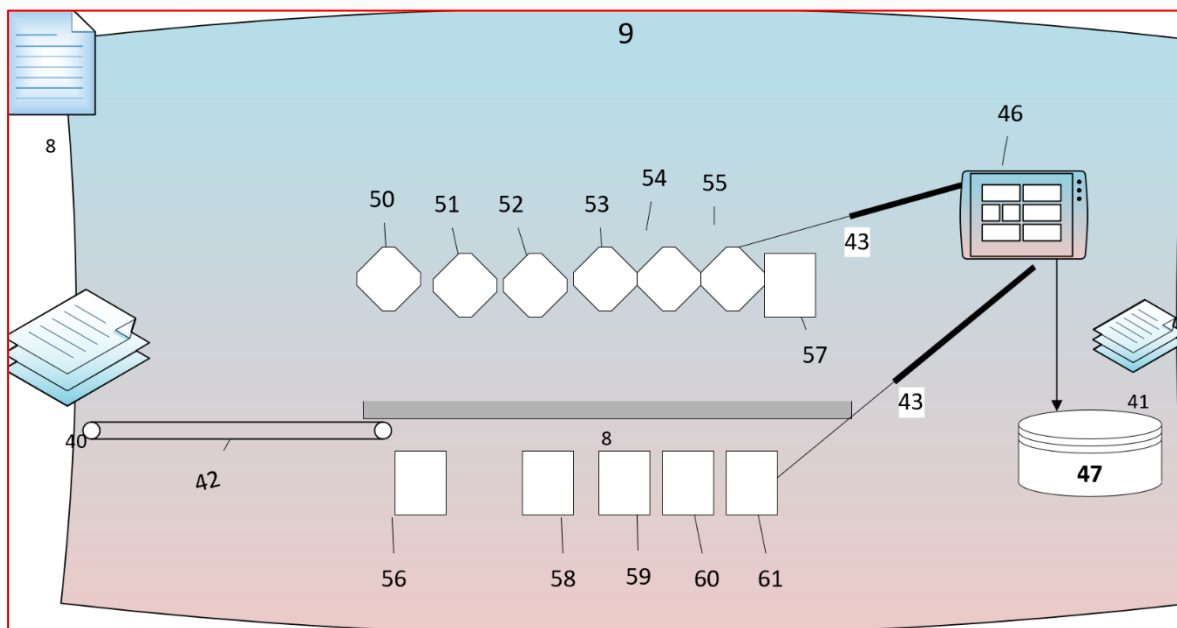


Figure 4, Banknote paper Antipodal scanner (from patent)

Apart this typical example there are unlimited applications. Applications range approach varies:

- One step back by paper adoption invented held millennium ago and two step ahead with advanced material, electronics and software.
- The more than 2000 paper types from invoices to bank notes regain its counter forgery reputation.
- The materialistic world reclaims the scepter from the virtual Internet world. (scanner in figure 4).

Measurement and Software Settings

The exact layout of the actual working Antipodal forensic system will be tailored according to available sensor and Non Destructive Technology (NDT) (Javaid et al., 2021). Hardware maturity of the above devices is currently in pre-Alpha test with cost and marketing questions to be answered like all serious forensics' applications. However, system and consumer application forensics software tools are open like any other tool.

MIDAS Gold Repository

MIDAS is the basic system but there are not realization options yet. The gold repository would have features like:

- Inside Stamped Gold Coin Creation
- Coin Digital ID
- Secure Coins deposit and seal
- MIDAS net gold interchange
- SWIFT distribution

The Midas system every day usage is a mixture of Banking operations, Forex capabilities, Gold operations, golden Bond creation and everyday consumer payments. The owner of the gold can:

- Transfer through SWIFT the whole initial SKR
- Transfer equally FIAT amount to an IBAN
- Transfer a grammar of gold to another beneficiary
- Pay a business invoice in gold, Midas coin or FIAT money
- Use a specific amount of gold as a collateral for a Bank Guarantee or loan.

Findings

The increasing demand for scientific support of forensic evidence was set emblematic by Casey (2020). The main idea of the patents and the forensic procedure is to embed the visual simplicity of a QR-code inside any tangible object (Corallo et al., 2020) (Tsiatsiou and Zisopoulos, 2020).

Antipodal Theory

Antipodal applications and theory solve complex mathematic and topology issues like antipodal involution (Cadavid and González, 2021), isometries (Konečný, 2020), antipodal graphs (Wang et al., 2019) and electronic problems (Sharma et al., 2020). All these are a part of our development. These and a lot of others are also applicable in the realization commercial steps of the current and future patents in the traceable concept.

Dataset for Antipodal Materials

For the purposes of this research presentation a Dataset named "mendeleev-antipodal-properties" (Zisopoulos, 2021b) created indicating the 41 basic properties for the 118 Universe Mendeleev elements. For each property and element, the numeric value and units is shown. The total number of records is 4838 in a data structure with element number, property sequency number to be applied, element name, numeric value and units. The dataset is useful for preliminary material studies and to find "antipodal" couples for traceability applications and engineering. Data are drawn from a site based on Mathematica with the Element Data function (unknown, (2014). The very limited number of properties and the minimum number of materials at a total of 4838 cases are ideal to demonstrate quickly the methodology of recognizable separated materials inside any object. For presentation I select a short of properties and the minimum table of materials, the Mendeleev periodic table. An antipodal material selection a short list of properties is:

1. Melting Point
2. Electrical Conductivity
3. Electronegativity
4. Heat of Fusion
5. Bulk Modulus
6. Magnetic Type
7. Mass Magnetic Susceptibility

At a preproduction stage focus was on one or two of these material properties for engineering and cost optimization. Antipodal materials must meet two Econophysics rules:

- The melting point of the additive ingredient must be high above the carrier material, otherwise both materials meld and no distinguish fibers will be created.
- The add on material/element must be as far as possible for the property to be located inside the tangible final object. I do not seek for specific metal properties but only for distinguishability. The problem to be solved was to measure and to find the location with appropriate sensors in a three-dimensional axis of the properties of a gold bullion.

Measuring Magnetic Ohm Resistivity

Simple study proves that between Gold and Sulphur there is a distance-difference of one quadrillion times for Ohm resistivity. Unfortunately, Sulphur melting point is only 115 degrees. In such cases of difference to prepare the

Table 1,
Mendeleev Resistivity of the elements".

Element	Resistivity in milli OHMs
Gold	0000000000000000.000000022
Sulfur	1000000000000000

identifiable golden bullion casting is not applicable. Other methods are more efficient like stamping and minting in two layers. As a conclusion resistivity cannot be used (table 1).

Measuring Magnetic Susceptibility

Therefore, all 41 methods was examined and found that magnetic susceptibility is more appropriate with "engineering sound" results (Moradi and Kantzas, 2020). To find golden bullion additives a subset of 20 elements is selected from the basic dataset (Zisopoulos, 2021b) indicating the Magnetic Susceptibility of the Mendeleev element as material. Figure 5 specifies the distance from gold of 7 materials in Magnetic Susceptibility and melting point. The copper is the best material but in theory. At our engineering reality to prepare the golden bullion with traceable elements melting is necessary. Unfortunately, Germanium and Nitrogen is melting a long before gold while Copper melting point is very close to gold. If copper tiny fibers-balls starts melting then the amalgam has not traceable features anymore. Therefore, Silicon was chosen, a material with less distinguishability features but more easily minted within gold.

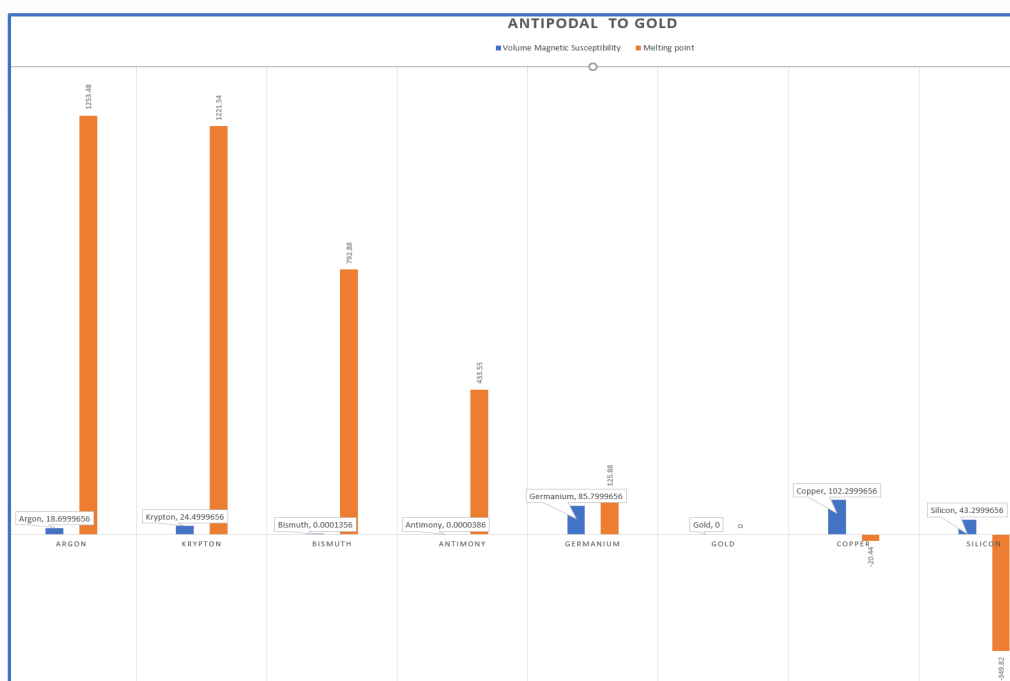


Figure 5, Magnetic Susceptibility and melting point DISTANCES from gold.

Real World Materials

Mendeleyev elements are not useful materials, they only represent an idealistic dream in a materialistic world. The actual selection list needs more than Mendeleyev simplifications. After the first scientific steps engineering follows. Several material properties database examined to prepare the Big Data Science ingredient selection model (unknown, a) (unknown, b). All these rejected because they focus on science without practical results.

Table 2,

Real world material selection list

Material class	ANTIPODAL Materials count
Carbon	866
Ceramic &	10004
Fluid &	7562
Metal &	17052
Engineering Material	8063
Polymer &	97635
Pure Element &	507
TOTAL WEBMAT materials&	141689

A huge commercial database is selected with all of the information necessary for antipodal material selection (unknown, 2021). The database selected to prepare omnifarious tangible articles with traceable ingredients. The database contains these micro-ingredients. From these 140,000 database items I search the Antipodal material for gold, paper and generally of all other materials. The WEBMAT needs enhancement from Physics, Chemical, Electric and radiology properties with business and marketing data (table 3). These and other commercialization properties has to be taken into account for the simple pair of vector-ingredient. In the real world for an actual product host and traceable ingredient are not predefined. A new unique traceable outside box-cover for a cell phone could has a metallic or plastic cover with added associated ingredients. For this simple case I evaluated a preliminary list of our manufacturer (unknown, 2021) with 141689 different materials. If it cannot be found a material with requested properties a viable option is to tailor one from existing material with various technologies (Adegbola et al., 2020)

Table 3,

Material properties for Antipodal use.

business	Physics	electric	chem/radio
Affordance	Coercive Force	Conductivity	Chemical Properties
Antitrust	Corrosion Resistance	Dielectric Strength	X-rays absorption
Commercial availability.	Density	Electrical Conductivity	Entanglement
Conflict	Ductility / Malleability	Electrical Properties	Melting point
Social Network	Elasticity / Stiffness	Electrical Resistivity	X-rays energization.
Creative Destruction	Fracture Toughness	Magnetic Properties	
Delegation	Mechanical Properties	high electrical resistance	
Distribution	Physical Properties	thermal conductivity.	
Extrinsic value	Plasticity	Chemical Properties	
Horizontal Integration	Porosity	X-rays absorption	
Intrinsic value	Shape and Size	Entanglement	
Know-How	Specific Gravity		
Market Share	Strength, Fatigue		

Marketing	Strength, Shear		
Operational Sequence	Strength, Tensile		
Overlapping Materials	Strength, Yield		
price estimation.	Thermal Properties		
Rare	Toughness		
Symbolism	Melting point		

Digital evidences and Multimedia

Pure Digital Evidences are produced automatically and irrevocable in every stage of operation in any Digital Computer:

- Digital to Analog converters transform through sampling analogue real life incidents to digital sequences.
- Digital evidences in its intellectual form are understood currently only by computers
- Digital evidences are bulletproof testimonies but counter and counter-counter actions spread misleading data-storms.

Multimedia as word lemma came from ancient multimedia CD-ROM times when computers used various media to fulfil complicate tasks. We agree on Anonymity as the absolute best feature for any forensic system (Wu et al., 2020).

Tangible World

Our system is built on top of the SIGINT (Signal Intelligence) approach of Forensics, the only way to handle gold and banknotes multi trillion market. In all cases there are two forensic objects:

1. The tangible article, a small but rather not huge object.
2. The digital evidence produced when the above object passes through or around the antipodal scanner.

I try to keep the digital evidence in a formal simple structure similar for all media, sensors, deep learning techniques and host-objects. Until today, this homogeneity reduces the integrity of the measurements. The procedure, the file structure and design ideas could be selected from:

- Multi method multi antipodal ingredients scanning.
- Dual or triple pass, the first defines the methodology, the second comes to a conclusion and third verifies the findings.
- Two- and three-dimensional space (Li and Wang, 2020b) with multiple complex geometry heuristic calculations.
- Deep learning algorithms for ingredient exact position and pattern recognition (Ziyan and Shiguo, 2021).

At a conceptual approach our arrangements construct a Tangible to Digital worlds secure bridge.

Technology Provenance, Integrity, Authenticity

The fundamental Antipode material Physics supplement defined initially 1868 (Schindler, 2008) but in this form prepared recently during this research (Zisopoulos, 2021b). The necessity of purified gold is older than our civilization (Stein, 1999). The current solution patented in May 2021 (Athanasios Zisopoulos, 2022) after studying carefully the necessity of new golden coins issuance after 12 Feb 2020. The patent took so long in order to solve casting problems and digital evidence secure representation of any golden coin or bullion with certified nominal and real value. The digital inscribed paper is a metaphor of the old idea of watermarking in the digital era. The idea started with the problems in paper based in Historic Bonds (Li and Wang, 2020a). To solve this very dangerous conflict I came to the corresponding "antipodal" patent (Zisopoulos, 2021a). Invention

patent world assure accuracy of origination counting in hours and days. Although the WIPO classification added traceability in 2015 no other patents filed thereafter (WIPO, 2021a) (WIPO, 2021b). Forensic Methodology integrity theoretically is very high according to accompanied dataset (Zisopoulos, 2021b). The integrity is very high using third part patented ready to use NDT technology instead our own scanning method-ologies for gold and paper sheet (Athanasios Zisopoulos, 2022), (Zisopoulos, 2021a). The gold forensic evident are very accurate since the traceable ingredients is sealed inside the golden coin and I reserved additional tests to be executed in factory only. The paper sheet fibers could be alternated slightly due to the volatile nature of paper regular use. This settled with different scanning methods, Data Science verification methodologies, intelligence search in a huge database of traces. The accuracy of data and its conformity fit the expected value, after being transmitted or processed of any kind. There is a problem in banknote paper due to the small size and every day hard usage. General digital identification and evidences design guidelines for integrity and authenticity are:

- very high accuracy in scanning.
- expensive exotic traceable ingredients.
- secret NDT spectrum coverage for every antipodal product (coin, paper sheet, banknote, other)
- custom secret Data Science applications.

The ideal situation in digital investigation would be to vanish evil from the world restoring the initial noble order where no need of Forensics existed. The increased safety features of antipodal element embodied in any tangible object is a step towards that scope. Any thief, counterfeiter and forgery shack suddenly are surrounded by three dimensional objects ready to fulfill their desires but with the strong possibility to be persisted stamped. Another discussion for terrorist and untaxed money is the seeking of their next paradise. I retrack their auditing trails with developments like:

- Increasing adoption of standardization like ISO20022
- the radical Quantum Financing yet to be realized (Zisopoulos, 2021 d)
- Insurance options for law enforcement in a legitimate Blockchain(Zisopoulos, 2021c).

The new generation of crime could convert everything to gold and start all over their illegal actions. The organized international counter fraud community waits for them dominating the gold and any precious or not tangible item. This anticipatory schema solves criminality problem and minimizes forensics actions for example using ScQL, a metadata structured query language for Big Data of scientific databases (Pinoli et al., 2019).

Crypto Gold Backed Assets

The Gold 2.0 nature of crypto assets described perfectly as “common claims” for crypto coins (Baur and Hoang, 2021). There are researchers and academic studies that faces differently the problem (Palamalai et al., 2021)(Nekhili and Sultan, 2021) and they bypass the axioms of the World Financial Authorities (IMF, Treasury Department and ECB). This bypass led us to the belief that the whole Blockchain implementation has not monetary value. It concerns a huge behavioral operation at the Luizi Pirandello limits in his famous act “COSI E (SE VI PARE) = Right You Are (if you think so)”. His speech in front of Swedish academy during his NOBEL price declares that most remarkable feature of Pirandello's art is his almost magical power to turn psychological analysis into good theatre (Pirandello, 1934).

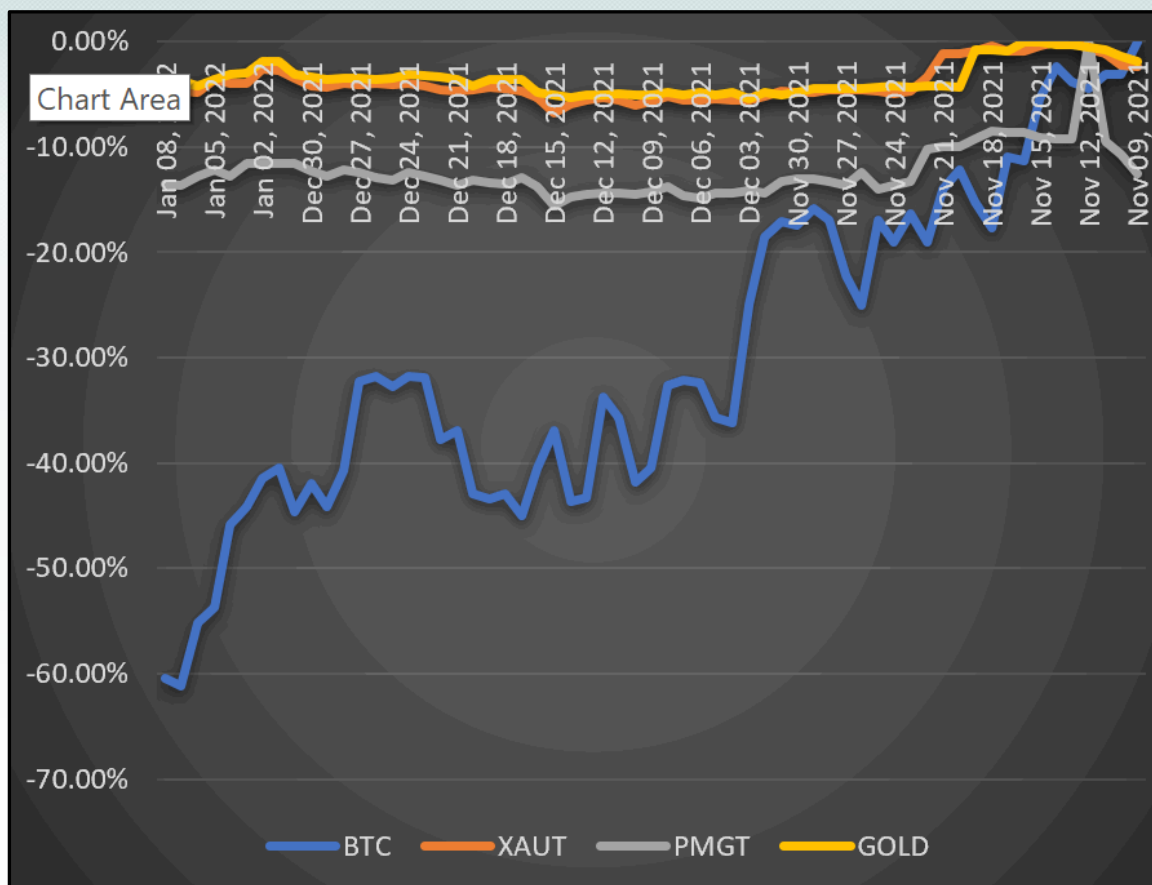


Figure 6, Bitcoin, gold backed up crypto and GOLD assets.

However, the crypto ecosystem benefits are present and financial world will be based upon it. Jalan and Roman selected five gold backed up coins (Jalan et al., 2021) from which a table was prepared with four indicative assets:

- Bitcoin (BTC)
- Tether Gold (XAUT), is considered gold due to its USD equivalence.
- Perth Mint Gold Token (PMGT) has very low market cap (1 MUSD)
- Gold

Figure 6 shows the asset price volatility for the last two months of the year 2021. The figure confirms the common sense that gold and FIAT money are monetary cornerstones while crypto assets are closer to a financial psychology, financial fraud and pandemic behavior (Yousaf and Ali, 2020) (Palamalai et al., 2021).

Results

The results of the above research are harmonized equally between behavioral and experimental banking, monetary and auditing. In the competing international finance world, the two patents retain any strategic business intelligence benefit for the next 20 years. Specific results are:

- Minding and stamping identifiable unique gold coins with unparallel monetary value.
- Creation from scratch a regional golden coin repository with digital and physical golden coins.
- Preparation of office paper sheets to be printed, handwritten and stamp, every one unique in the universe.
- Secure digital representation of paper and gold to form a type of Safe Keeping Receipt (SKR) for all golden assets participating in repository.
- Gold Forgery avoidance and compliance with antiterrorist EU legislation.
- Preparation of gold world to enter the digital era and Quantum Financial Systems.

Apart from these concrete results there are collateral general effects:

- Reinstatement of verified gold coin as major asset in Quantum Financial Centuries to come.
- Severe Law Enforcement capabilities in the perforated crypto coin ecosystems.
- Marginal use of WIPO patents for Business development and acquirement of preferential market rights.
- Initiation of a new life for tangible world against the inconsistency of digital evil microcosm.
- Regain the experimental and behavioral human being values as expressed in true temporospatial materialistic world.

The only noticeable negative result is the quantization of any tangible materialistic object. This has nothing to do with the financial benefits of quantized secure digital gold. The question "How digital and control is optimal" did not answered yet and the pandemic explanation is not satisfactory.

Discussion

A melodramatic conclusion for our antipodal digital evident proposal could be:

- To preserve gold pureness through advanced engineering,
- To support regional development, society follows, democracy can wait a little.
- To provide anything with Big-Data antipodal digital evidences,
- To prepare a next stage digital investigation, based on traditional tangible articles
- To use IoT and Data Science advanced developments.
- All these could be partially financed by insurance efficiency

Apart of all Forensic evident for the antipodal methodology I strongly support the USD moto "in God We Trust". It needs a lot of research productive engineering to get there. Unfortunately, our research raised more problems than it solved. The patent realization faces unlimited and un-solved problems currently being on alpha test:

- Extreme cost to reach WIPO worldwide level.
- Lab test is investigated preliminary materials and properties
- Beta test for industry available sensors faces price-benefit selection criterium.
- Traceable ingredients selection where Big Data needs exceed
- All gold forgery problems solved but the cost of anti-terrorist compliance could endanger the gold owner participation.

Golden coin GPS location will be added to the coin scanner after the will of the coin owner. Although the thrilled standard claims temporospatial to reveal golden coin position violates human personality and it will not be implemented. Patent first file then disseminate Apart these drawbacks there is a huge advantage, it concerts tangible financial reality the same the last 5782 year of humanity. Everybody adopts gold and paper and their correlative digital gold repository and paperwork bureaucracy.

Conclusion / Suggestions

Day by day, byte by byte, research by research and patent by patent Elsevier and WIPO evolved all business functions into an electronically assisted operation in an integrated digital world. Towards this transformation digitization became extreme complicated. Our research started from Gold and the physical properties of Mendeleev elements as traceable ingredients into a golden coin. Then the research bureaucracy was insured and a number of invention patents for golden singularity obtained irrevocably. Through complicated minting process any golden coin acquires a unique identification digital pattern, far more complex than photo or number. This golden coin is the cornerstone of financial and monetary actions like Gold repository, Gold 3.0 schema, life after SWIFT and we expect full feature QFS implementation. Of course, the "media is not the system". I generally support Marshall McLuhan arguing that "technologies are the messages", but identifiable pure gold extends the limits of his axiom. Specially today when Solon knocks our earth door and Seisaxtheia will eliminate once again serfdom and slavery through any type of "Global Reset" in the regional form of digitizing the "under the pillow" gold. This pillow gold overturned to geography and regional development opportunity by minister Hulusi Akar [Kostidis 2022]. His

spatiotemporal intervention inspired us to formulate a new Eurasian luxury offshore destination for the new generation of rich and famous of this world. I offer my patent rights to start the secure gold repository as a first step of a huge Eurasian Shangri-La, not in Bosphorus. The development must use the banking, designers, shopping, and cosmopolitan atmosphere of Cayaman, SanMarino, Virgin Islands and Cook islands to name a few dissolving money paradises.

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