3rd ASIA PACIFIC PRECIOUS METALS CONFERENCE

9-11 June 2019

PARKROYAL on Beach Road, Singapore

GramChain

Pending Patent: PCT/SG2019/050008

Gregor J. Gregersen, Founder

Silver Bullion Pte Ltd and Subsidiaries

11 June 2019

THE EVENT

3rd ASIA PACIFIC PRECIOUS METALS CONFERENCE
9-11 June 2019
PARKROYAL on Beach Road, Singapore

EVENT DATE

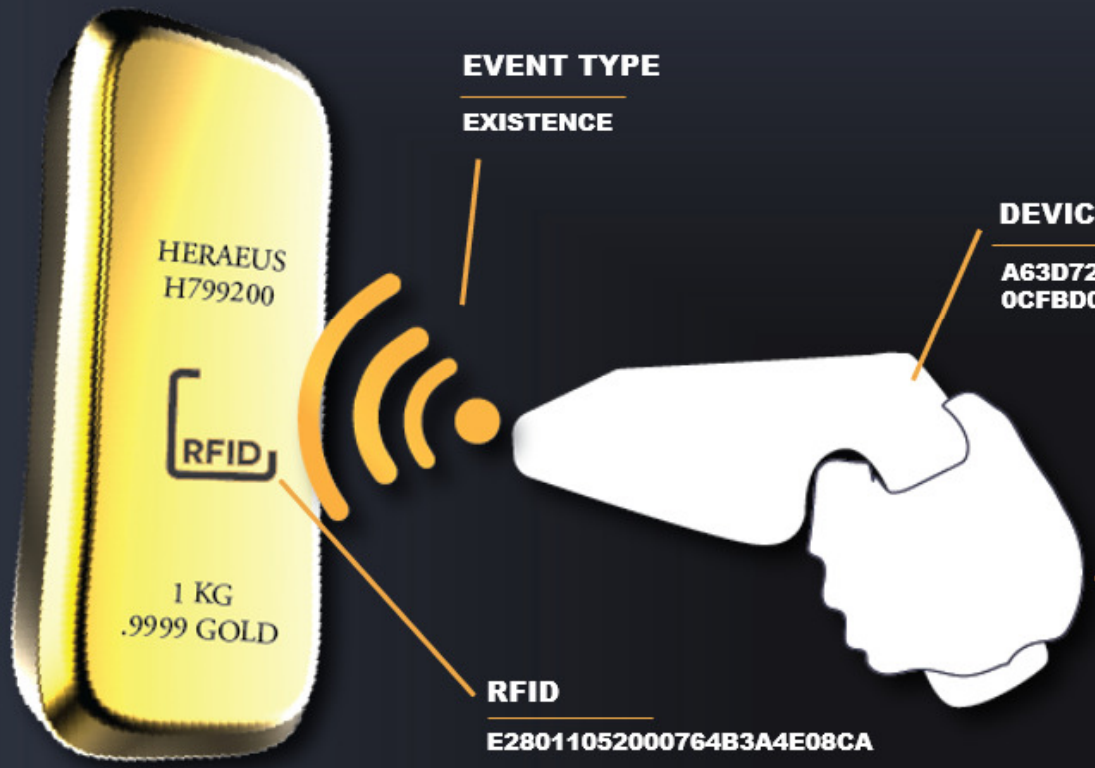
APRIL 5th 2019, 5:

LOCATION / INI

THE SAFE HOUSE SG

SUPPORTING DOCUMENT (HASHED)

61F28E734D28CD4C2E878270C7E635CB
7EF6208753CAC93CF8B93B004ED66A85



EVENT TYPE

EXISTENCE

DEVICE (HASHED)

A63D72F56F57BF68153581511A417342C9
0CFBD0945DF1FB7107B18CF2A3ABC7

OPERATOR (HASHED)

110EB102CF78A083AADE761EDABB0E6
D2F72A236E5D966539351C18051620743

RFID

E28011052000764B3A4E08CA

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THE PARCEL

Scan for Notarized Parcel History

PARCEL CATEGORY / TYPE
BULLION / BAR

PARCEL
1KG GOLD BAR - H799200

BRAND
HERAEUS

SERIAL
H799200

GROSS MASS
1 x 1 KG

PURITY / METAL
99.99% AU

PURE GRAMS
999.9 grams

VALUATION
999.9 gr x AU Spot

IMAGEHASH
61F28E734D28CD4C2E878270C7E635CB7
EF6208753CAC93CF8B93B004ED66A85

THE PARCEL

Scan for Notarized Parcel History

PARCEL CATEGORY / TYPE

WATCH / FULL SET

PARCEL

DAYTONA 116520

BRAND

ROLEX

SERIAL

87655678

VALUATION

11,000 USD

NOTES

Year 2000 Steel Model

IMAGEHASH

5E36C794B6C641BA212E6B30F6E8D3FCBCE
C6E0B9FB32C1CDCF24FB636C489BD

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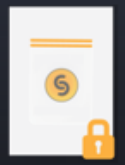
THE EVENT HASH

RFID / GCID – Primary Tracking ID


```
"Event":{
   "EventDate":"2019-03-21T04:23:16.8552749Z",
   "EventTypeCode":"Scan",
   "Initiator":"TSH",
   "DeviceHash":"6B0F2B199BD0A320A46745D8ACBB052993FDFED302227C4412BE74A29C885749",
   "OperatorHash":"DC17BCE9A3905E53B5EA89580F459202AB6838EF791009ACEBC7E1BCC7FEE864",
   "DocumentHash":""
},
```

Event Document


```
"Parcel":{
   "ParcelName":"",
   "ItemCategoryCode":"bullion",
   "ItemTypeCode":"Bar",
   "BrandCode":"RCM",
   "SerialNR":"123456789",
   "ItemQuantity":1,
   "GrossGrams":1.0,
   "ImageHash":"7351F0420B5381485CFDECCEEB9E585B02F0D2E031F71E8B87200FEFACF5B788",
   "MetalCode":"AU",
   "Purity":0.999,
   "PureGrams":0.999
},
```

Parcel Photo


```
"Status":{
   "VaultID":"TSH",
   "CustodianID":"",
   "UtilizationLockCode":"Free",
   "SubCustodyHash":"",
   "VaultLocation":""
},
```


PRIOR EVENT HASH – creates an event chain to prove event orders

42738DC7FE2021A675C92F069F445B4A0
81A03C1A6FFE698BAF76F22490E4CB5

"The Blockchain Notary Stamp"

EVENTS CHAIN FOR A SAMPLE P2P LOAN

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VAULTS
- **Commercial Vaults**

Time

- Delivery
- UnLock
- Lock
- Valuation
- Assignment
- Scan

Vault Customers

CUSTODIANS - Store for others
- Escrow / Lending Services
- Asset Tokenization
- Bullion Dealers
- Fund Managers

CUSTOMERS – Store directly
- Individuals
- Companies
- Trusts

Services

SERVICE PROVIDERS
- Audit Services
- Testing Services
- Valuation Services

A P2P Lending example

GramChain Explorer

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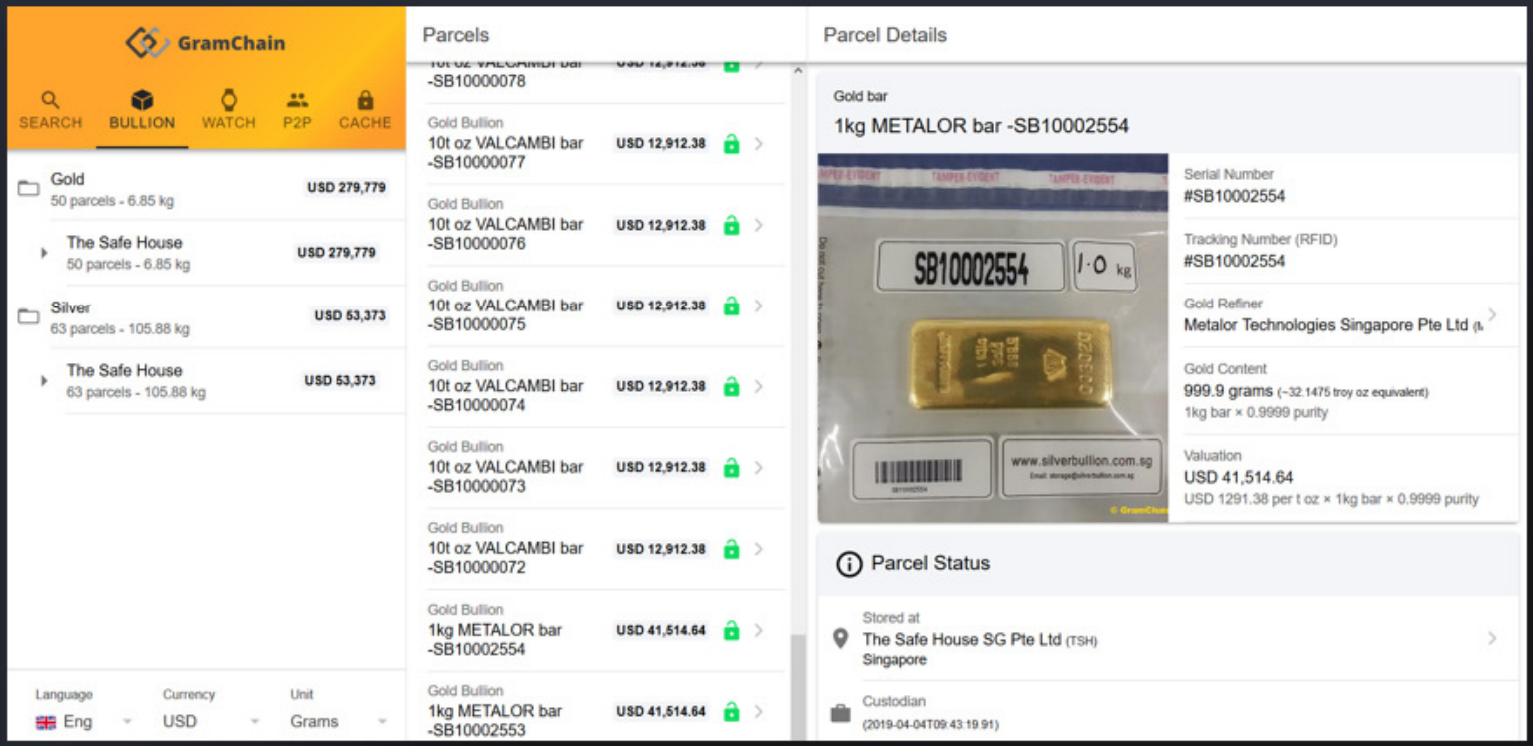
Scan–
2/2/2019 5:51
1KG Gold

Lock –
3/1/2019 4:53
1KG Gold

Assignment
3/3/2019 8:02
1 KG Gold