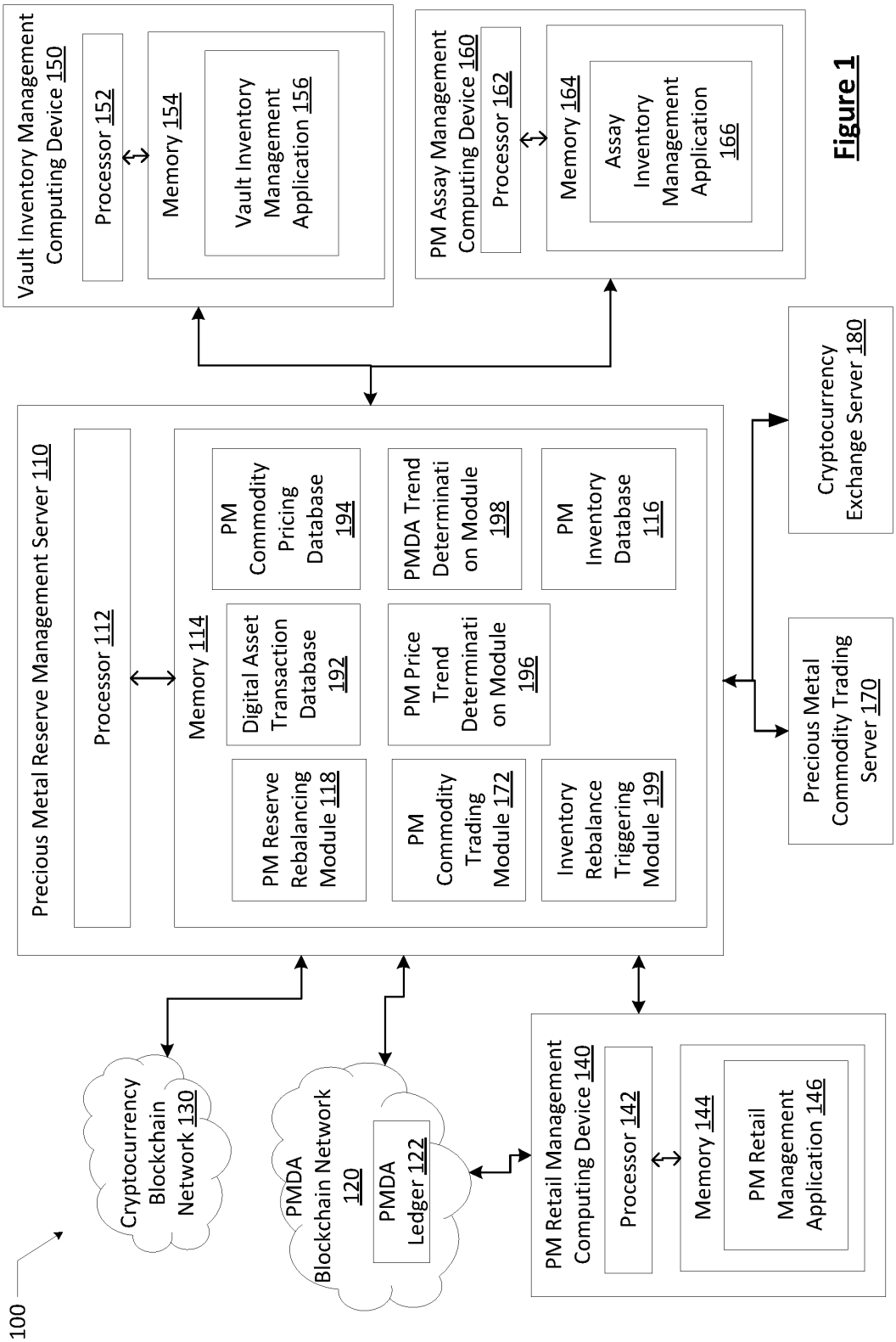

100
Cryptocurrency Blockchain Network 130
PMDA Blockchain Network 120
PMDA Ledger 122
Precious Metal Reserve Management Server 110
Processor 112
Memory 114
PM Reserve Rebalancing Module 118
Digital Asset Transaction Database 192
PM Commodity Pricing Database 194
PM Commodity Trading Module 172
PM Price Trend Determination Module 196
PMDA Trend Determination Module 198
Inventory Rebalance Triggering Module 199
PM Inventory Database 116
Vault Inventory Management Computing Device 150
Processor 152
Memory 154
Vault Inventory Management Application 156
PM Assay Management Computing Device 160
Processor 162
Memory 164
Assay Inventory Management Application 166
PM Retail Management Computing Device 140
Processor 142
Memory 144
PM Retail Management Application 146
Cryptocurrency Exchange Server 180
Precious Metal Commodity Trading Server 170

Figure 1

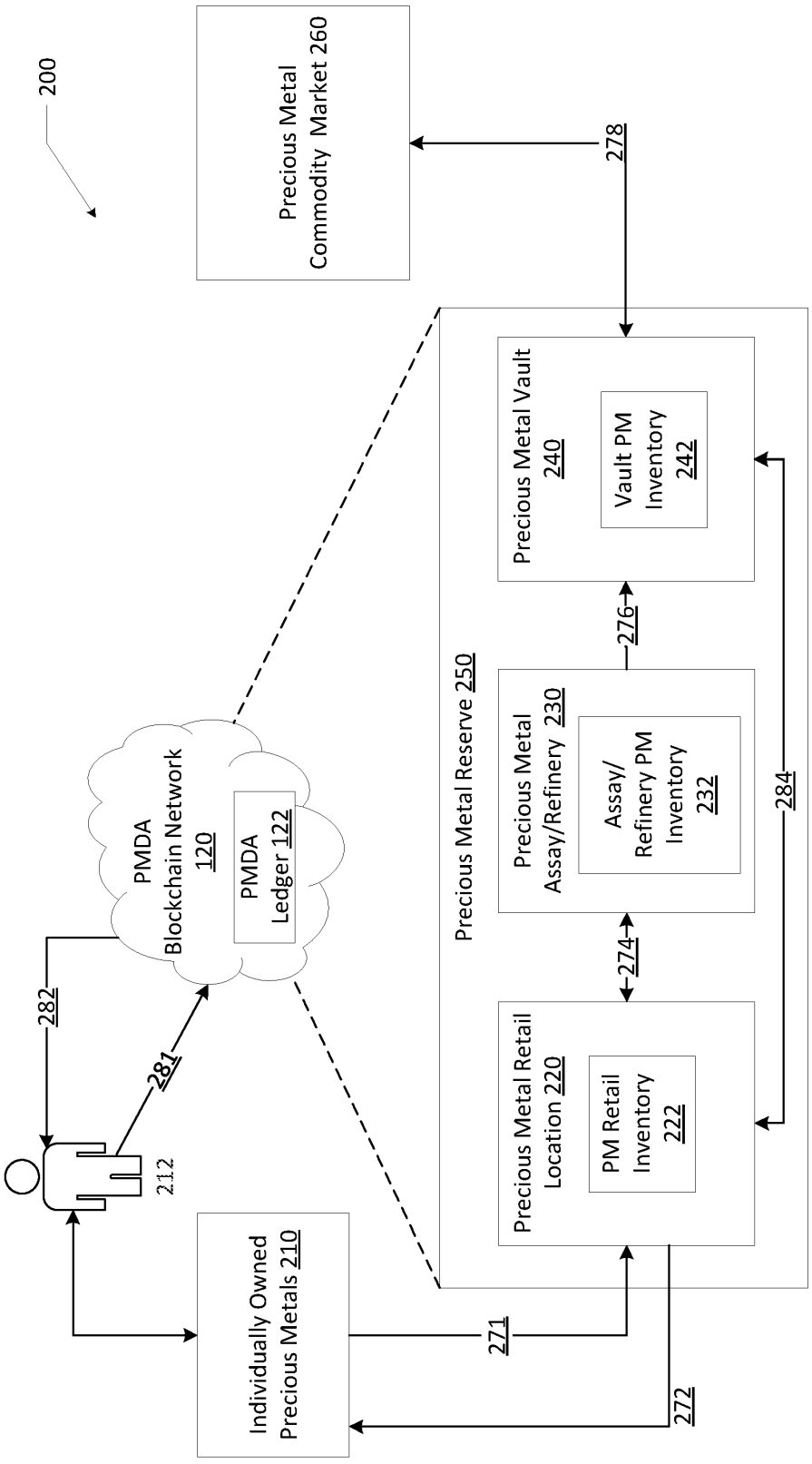

200
Precious Metal Commodity Market 260
278
Precious Metal Reserve 250
Precious Metal Vault 240
Vault PM Inventory 242
276
Precious Metal Assay/Refinery 230
Assay/ Refinery PM Inventory 232
274
Precious Metal Retail Location 220
PM Retail Inventory 222
284
PMDA Blockchain Network 120
PMDA Ledger 122
282
281
212
Individually Owned Precious Metals 210
271
272

Figure 2

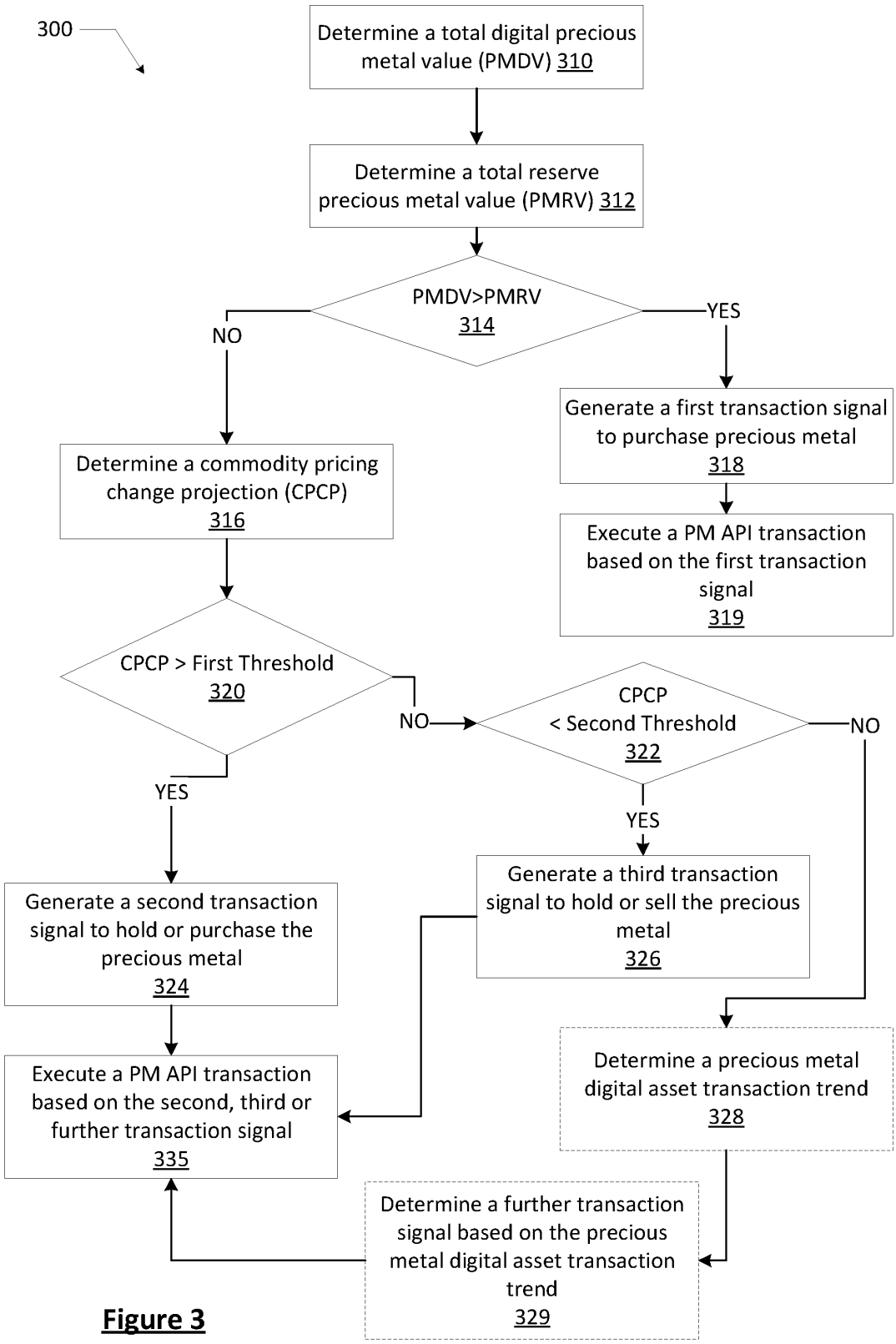

300
Determine a total digital precious metal value (PMDV) 310
Determine a total reserve precious metal value (PMRV) 312
PMDV>PMRV 314
NO
YES
Generate a first transaction signal to purchase precious metal 318
Execute a PM API transaction based on the first transaction signal 319
Determine a commodity pricing change projection (CPCP) 316
CPCP > First Threshold 320
NO
CPCP < Second Threshold 322
NO
YES
YES
Generate a second transaction signal to hold or purchase the precious metal 324
Generate a third transaction signal to hold or sell the precious metal 326
Execute a PM API transaction based on the second, third or further transaction signal 335
Determine a precious metal digital asset transaction trend 328
Determine a further transaction signal based on the precious metal digital asset transaction trend 329

Figure 3

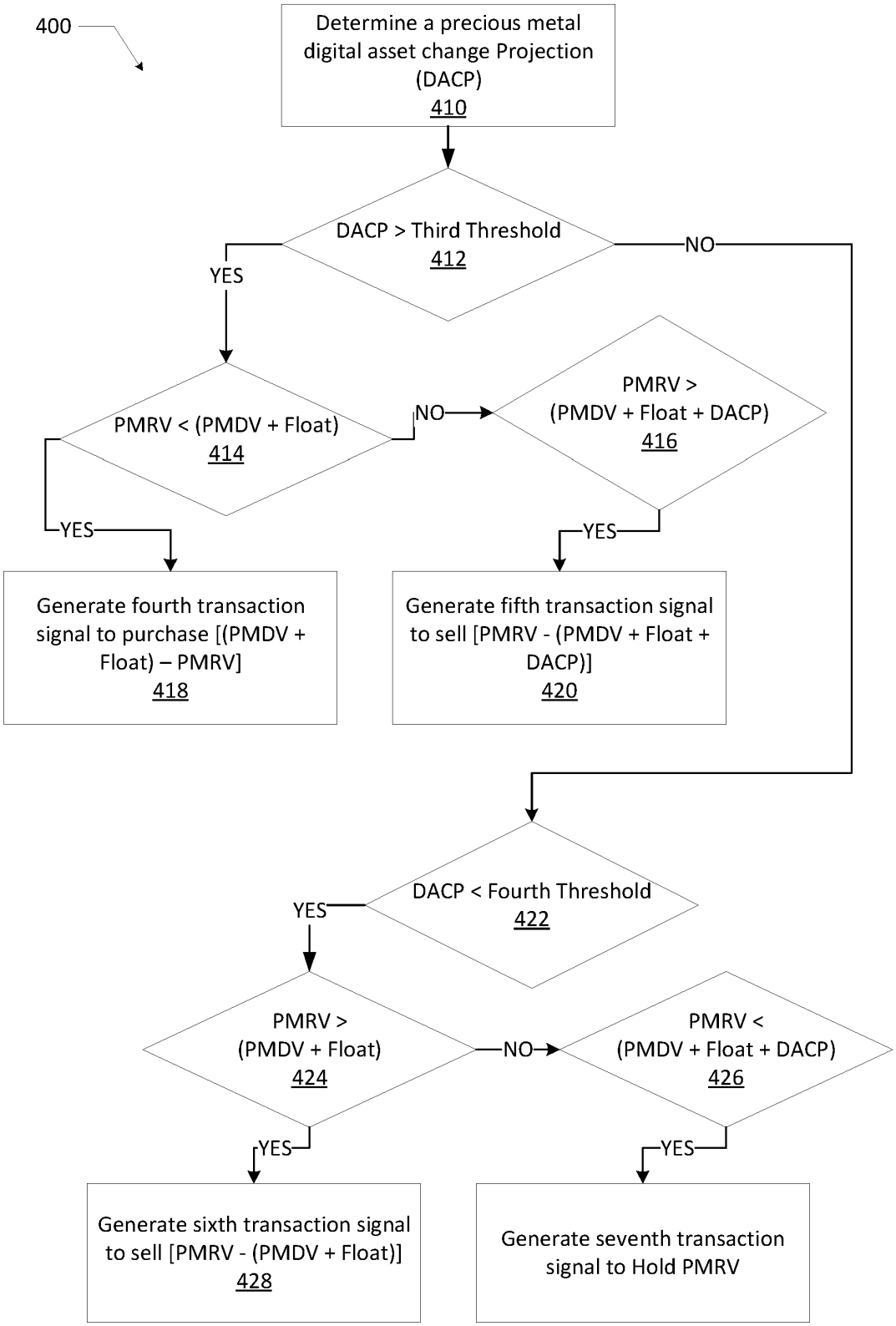

400
Determine a precious metal digital asset change Projection (DACP)
410
DACP > Third Threshold
412
YES
NO
PMRV < (PMDV + Float)
414
NO
PMRV > (PMDV + Float + DACP)
416
YES
YES
Generate fourth transaction signal to purchase [(PMDV + Float) – PMRV]
418
Generate fifth transaction signal to sell [PMRV - (PMDV + Float + DACP)]
420
DACP < Fourth Threshold
422
YES
PMRV > (PMDV + Float)
424
NO
PMRV < (PMDV + Float + DACP)
426
YES
YES
Generate sixth transaction signal to sell [PMRV - (PMDV + Float)]
428
Generate seventh transaction signal to Hold PMRV

Figure 4

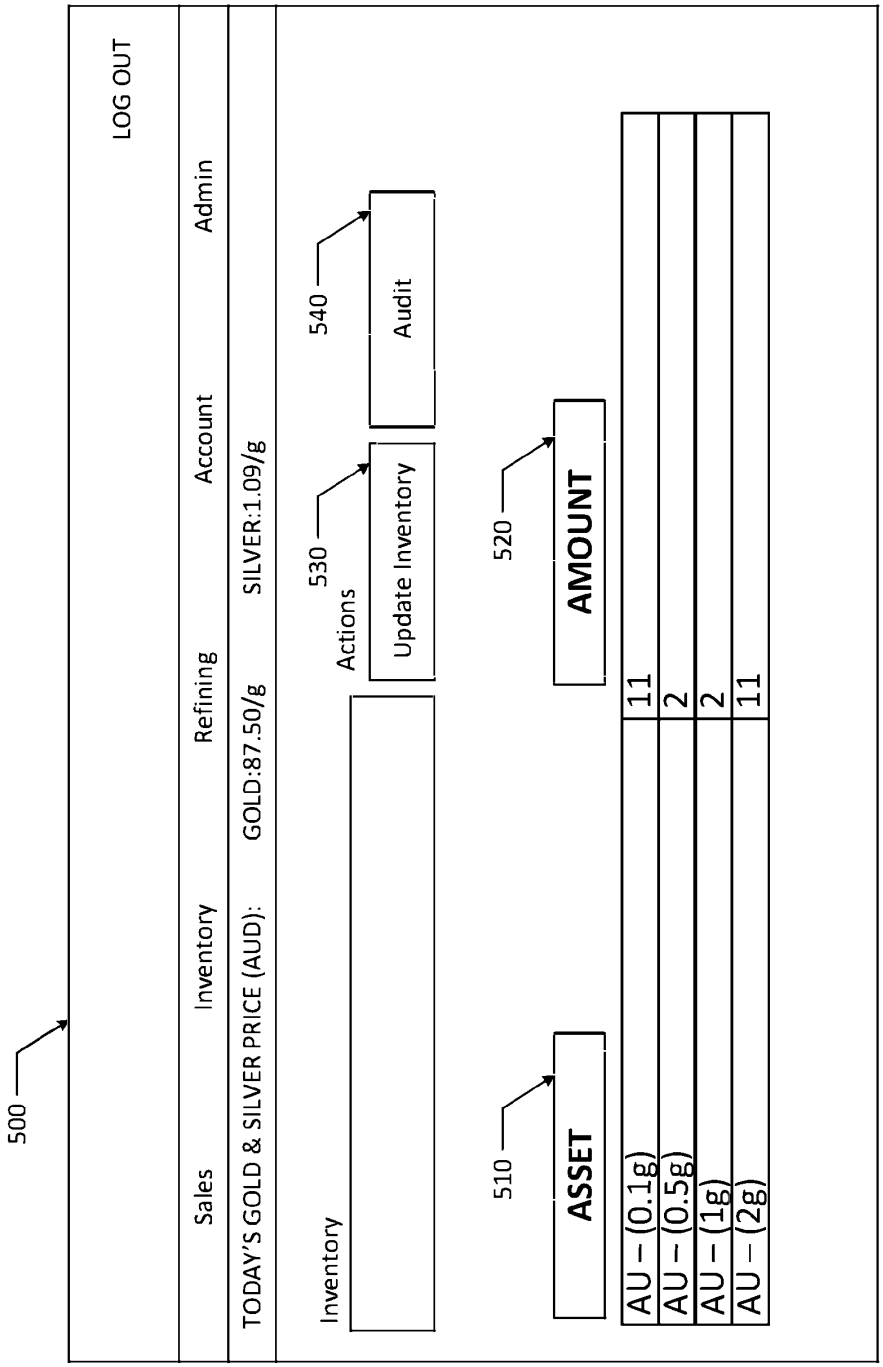

500
LOG OUT
Sales
Inventory
Refining
Account
Admin
TODAY'S GOLD & SILVER PRICE (AUD):
GOLD:87.50/g
SILVER:1.09/g
Inventory
530
Actions
Update Inventory
540
Audit
510
ASSET
520
AMOUNT
AU – (0.1g)
11
AU – (0.5g)
2
AU – (1g)
2
AU – (2g)
11

Figure 5

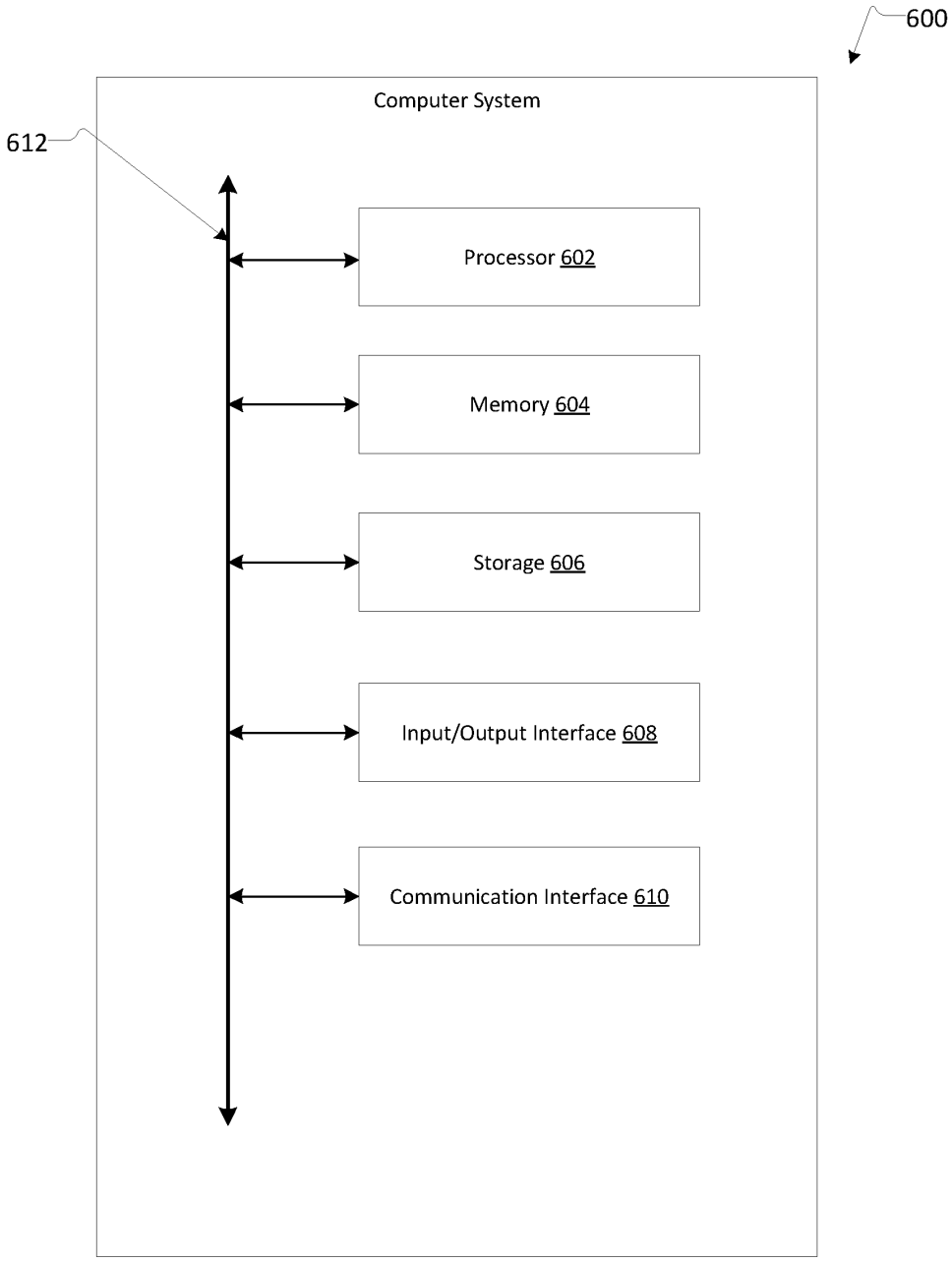

600
Computer System
612
Processor 602
Memory 604
Storage 606
Input/Output Interface 608
Communication Interface 610

Figure 6