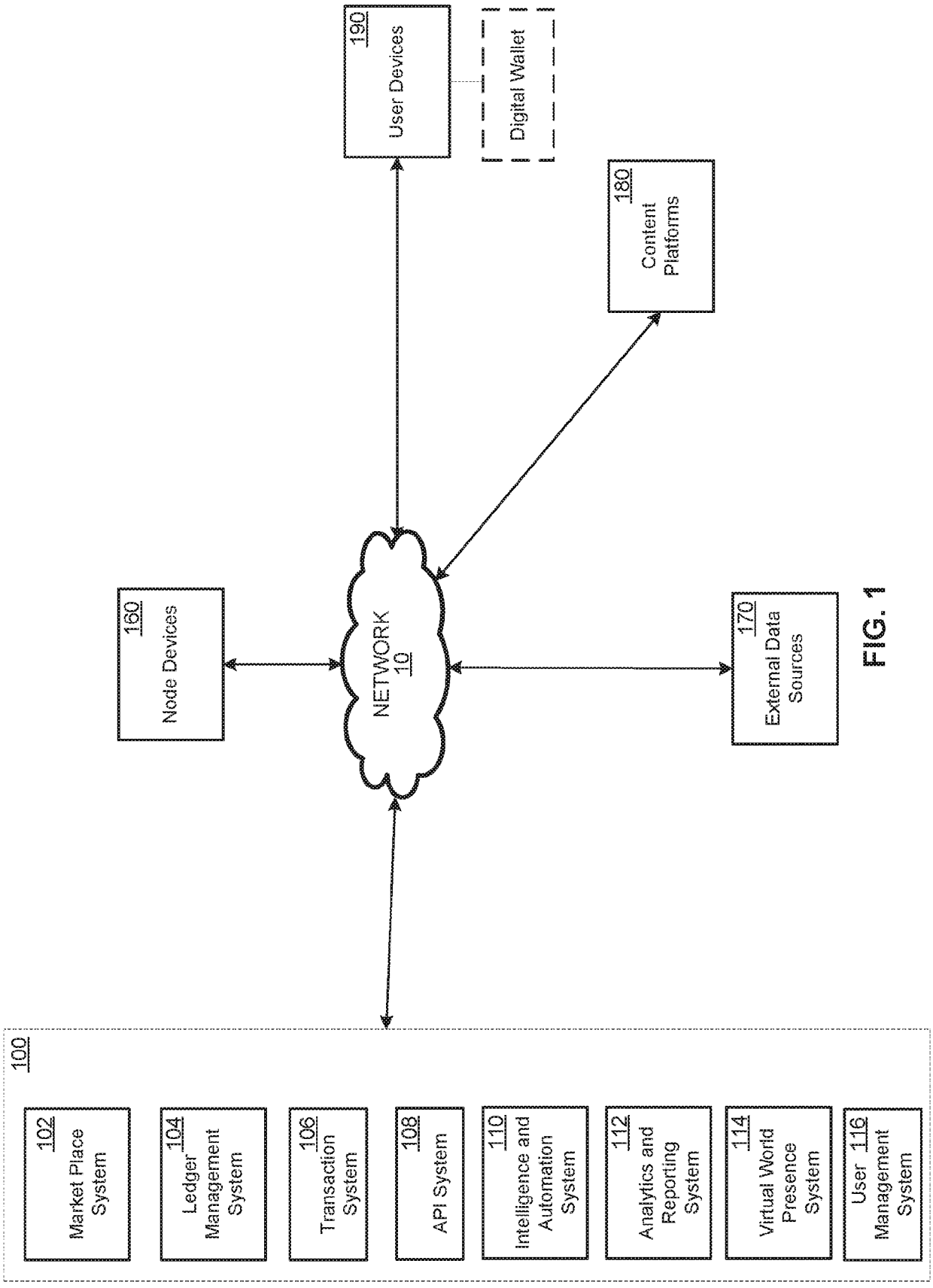
100
102 Market Place System
104 Ledger Management System
106 Transaction System
108 API System
110 Intelligence and Automation System
112 Analytics and Reporting System
114 Virtual World Presence System
User 116 Management System
NETWORK 10
160 Node Devices
190 User Devices
Digital Wallet
180 Content Platforms
170 External Data Sources

FIG. 1

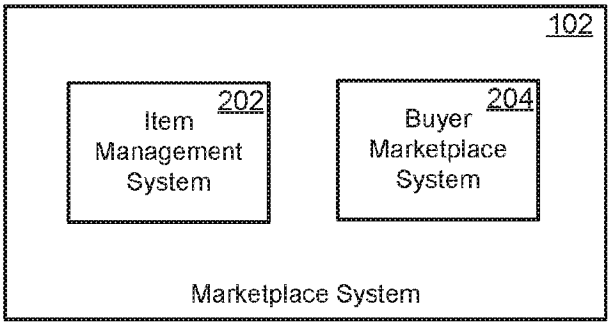
102
202
Item Management System
204
Buyer Marketplace System
Marketplace System

FIG. 2

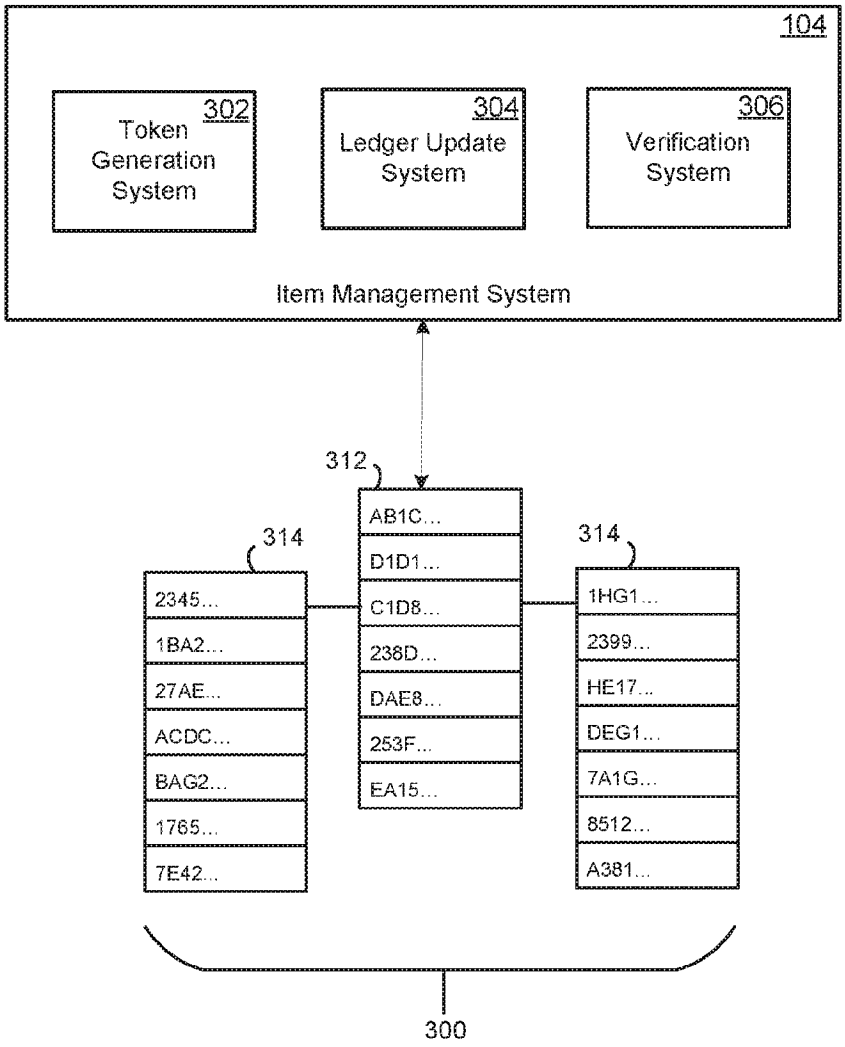
104
302
Token Generation System
304
Ledger Update System
306
Verification System
Item Management System
312
AB1C...
D1D1...
C1D8...
238D...
DAE8...
253F...
EA15...
314
2345...
1BA2...
27AE...
ACDC...
BAG2...
1765...
7E42...
314
1HG1...
2399...
HE17...
DEG1...
7A1G...
8512...
A381...
300

FIG. 3

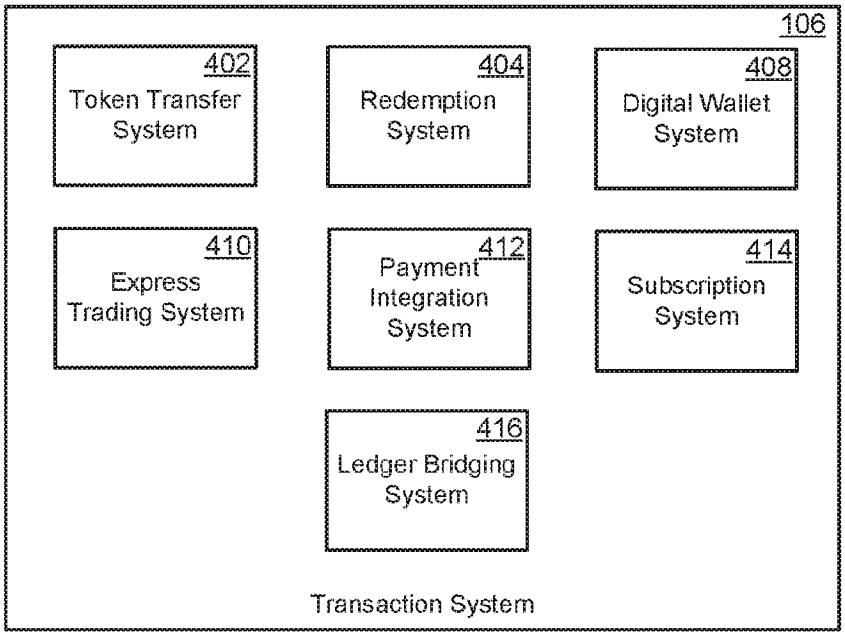
106
402
Token Transfer System
404
Redemption System
408
Digital Wallet System
410
Express Trading System
412
Payment Integration System
414
Subscription System
416
Ledger Bridging System
Transaction System

FIG. 4

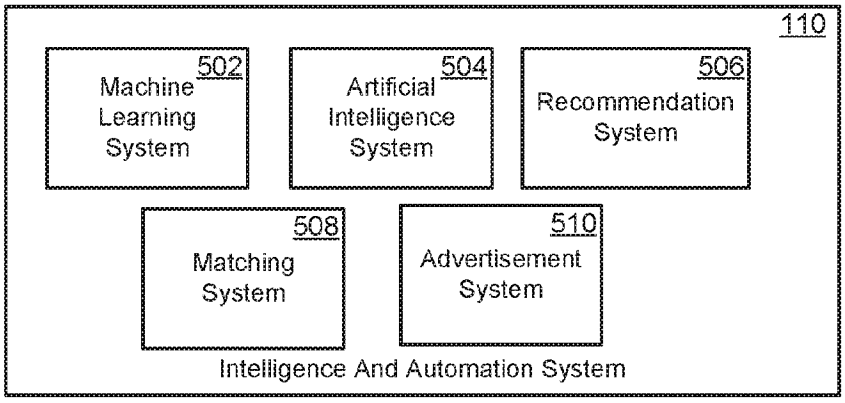
110
502
Machine Learning System
504
Artificial Intelligence System
506
Recommendation System
508
Matching System
510
Advertisement System
Intelligence And Automation System

FIG. 5

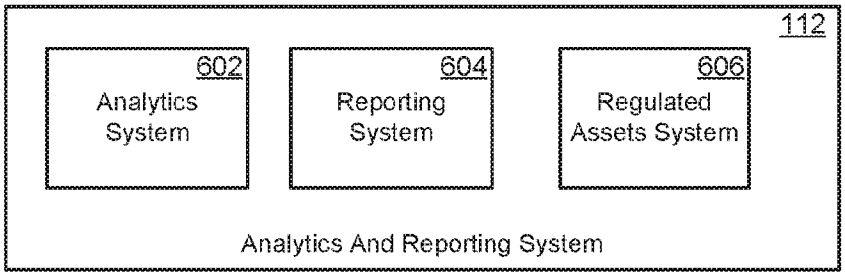
112
602
Analytics System
604
Reporting System
606
Regulated Assets System
Analytics And Reporting System

FIG. 6

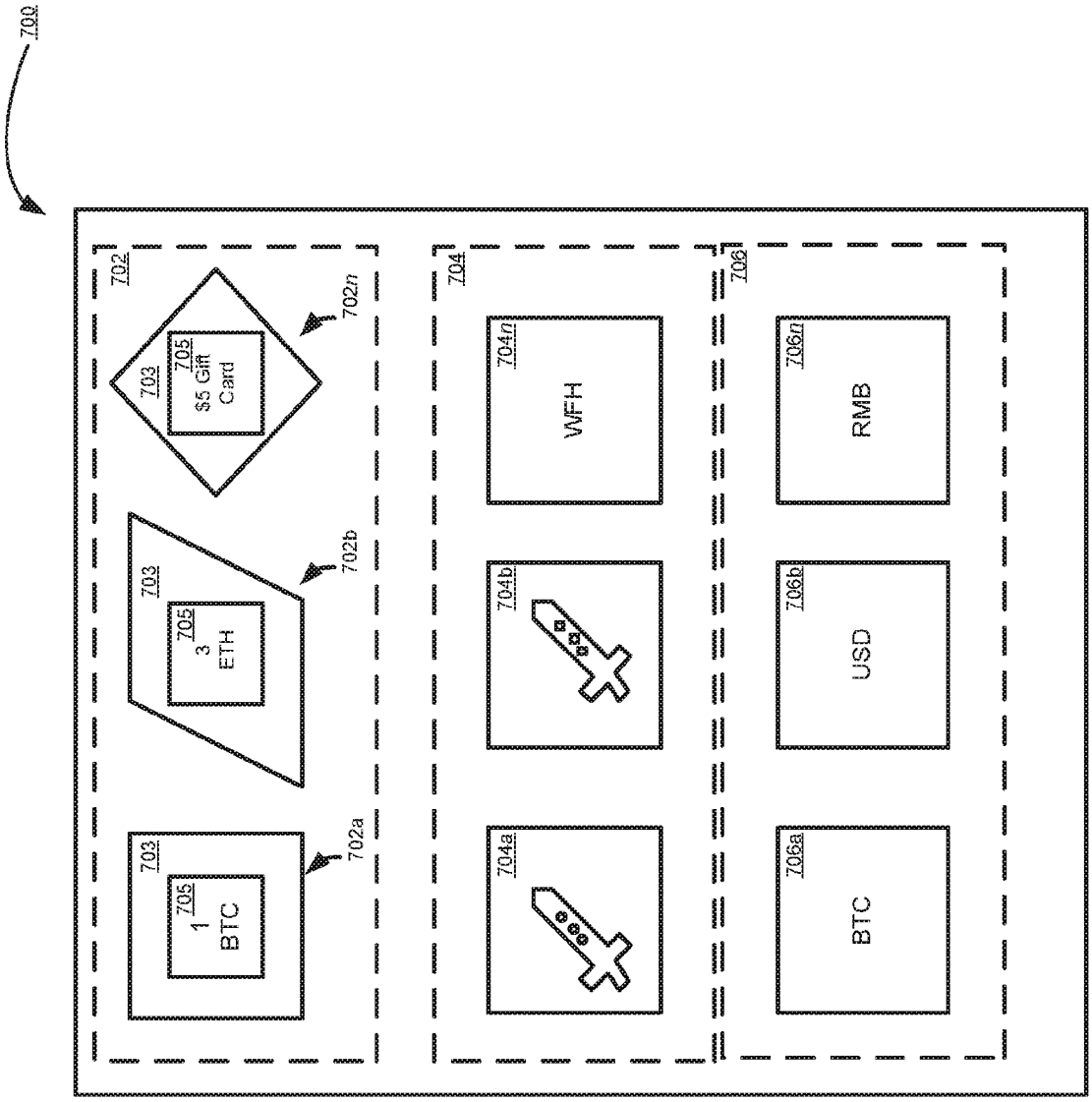
700
702
702a
703
705
1
BTC
702b
703
705
3
ETH
702n
703
705
$5 Gift
Card
704
704a
704b
704n
WFH
706
706a
BTC
706b
USD
706n
RMB

FIG. 7

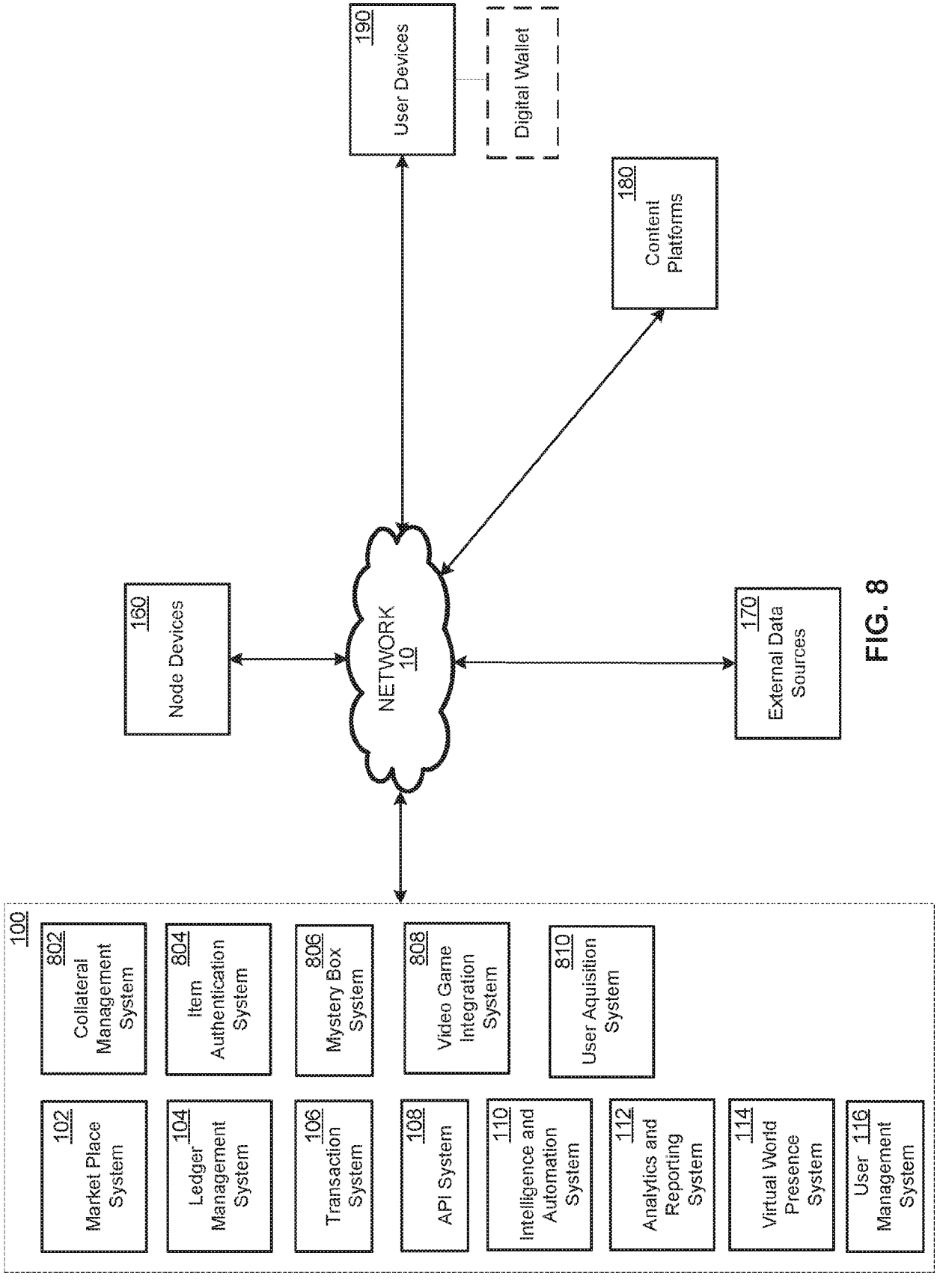
100
802 Collateral Management System
804 Item Authentication System
806 Mystery Box System
808 Video Game Integration System
810 User Aquisition System
102 Market Place System
104 Ledger Management System
106 Transaction System
108 API System
110 Intelligence and Automation System
112 Analytics and Reporting System
114 Virtual World Presence System
User 116 Management System
NETWORK 10
160 Node Devices
190 User Devices
Digital Wallet
180 Content Platforms
170 External Data Sources

FIG. 8

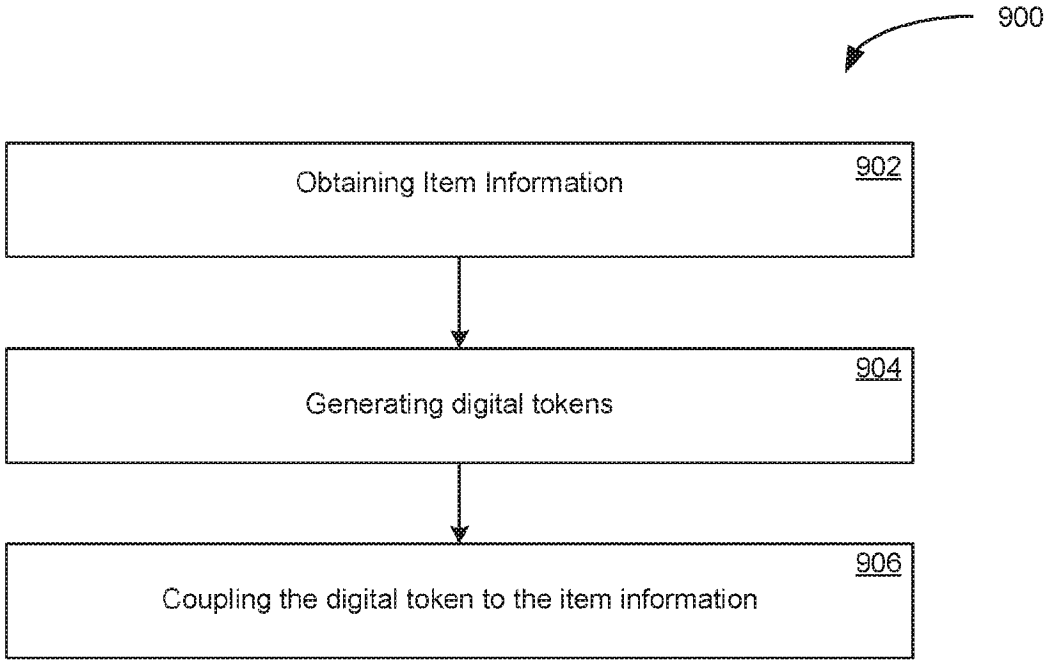
900
Obtaining Item Information
902
Generating digital tokens
904
Coupling the digital token to the item information
906

FIG. 9

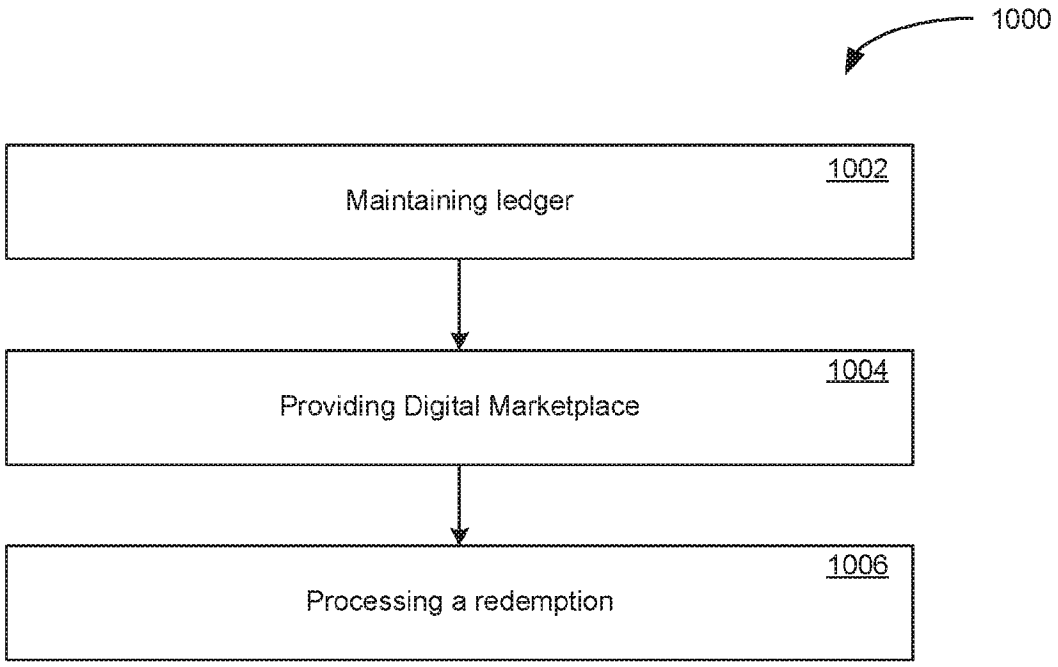
1000
1002
Maintaining ledger
1004
Providing Digital Marketplace
1006
Processing a redemption

FIG. 10

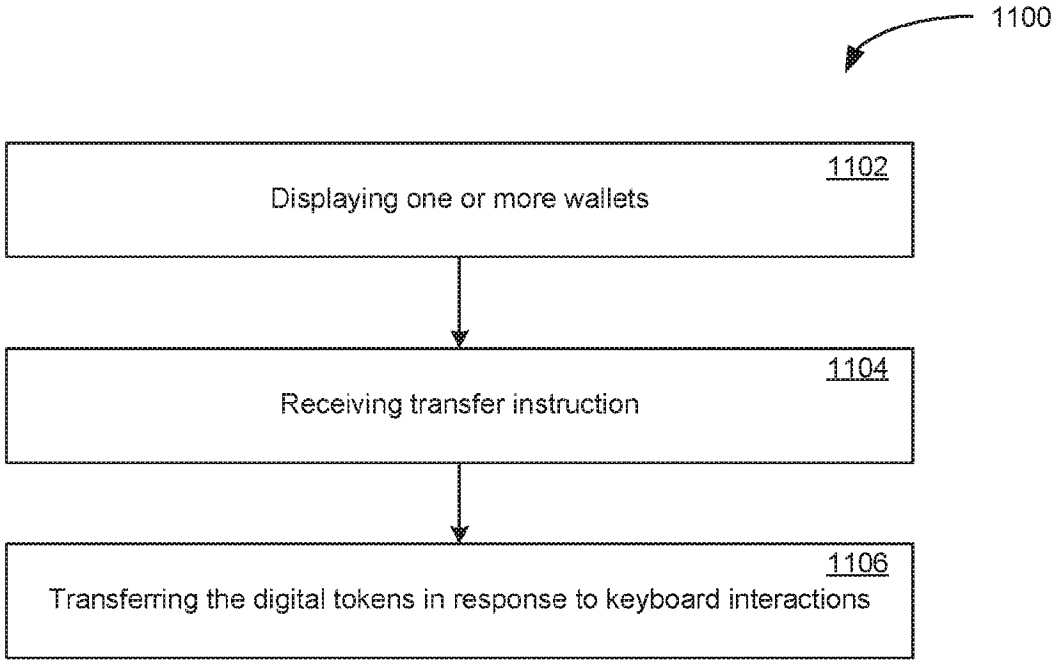
1100
1102
Displaying one or more wallets
1104
Receiving transfer instruction
1106
Transferring the digital tokens in response to keyboard interactions

FIG. 11

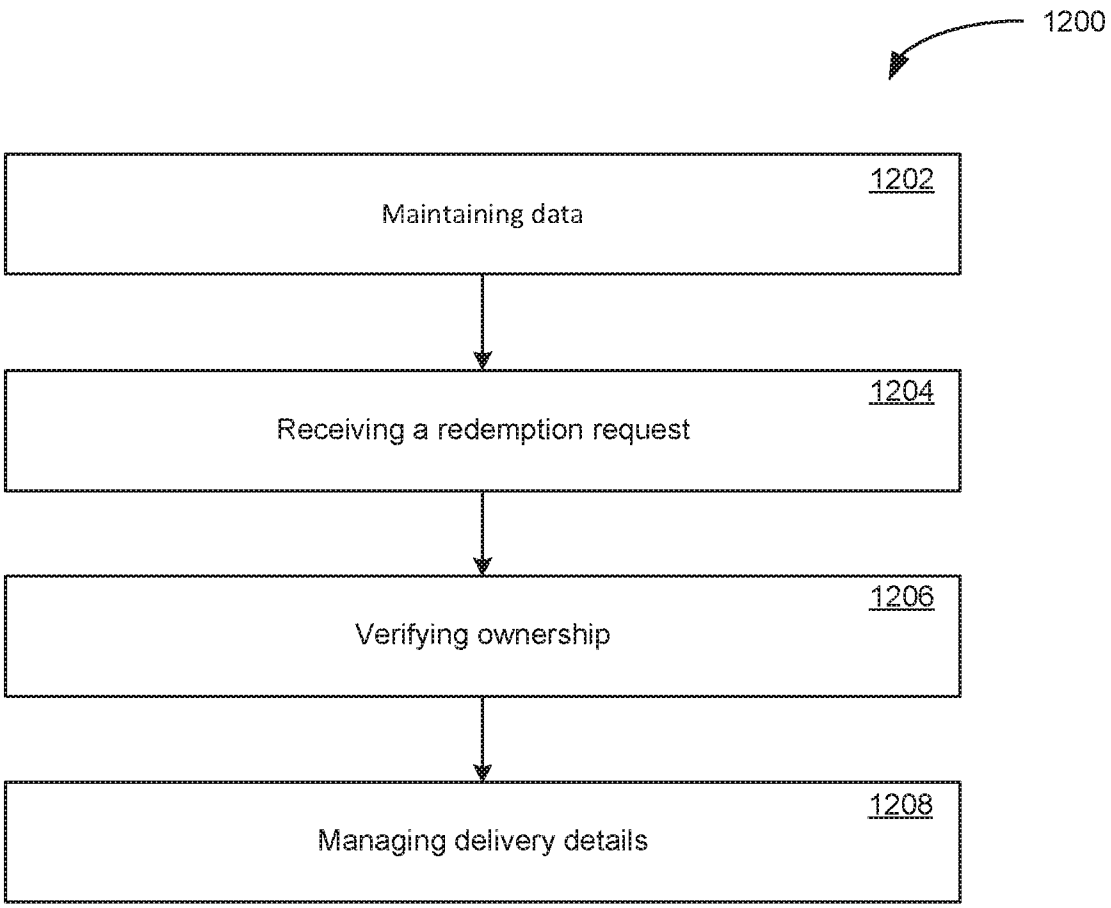
1200
1202
Maintaining data
1204
Receiving a redemption request
1206
Verifying ownership
1208
Managing delivery details

FIG. 12

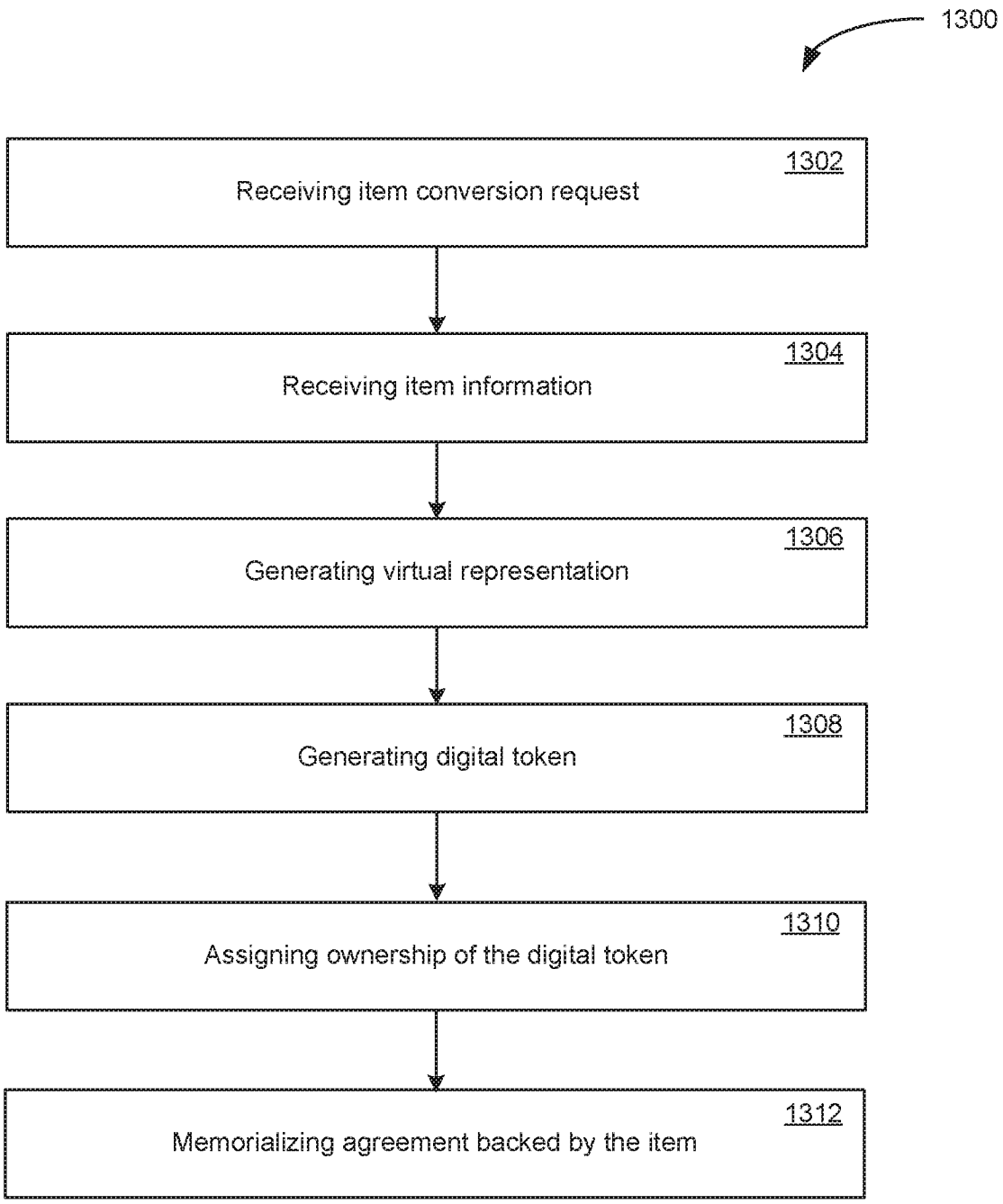
1300
1302
Receiving item conversion request
1304
Receiving item information
1306
Generating virtual representation
1308
Generating digital token
1310
Assigning ownership of the digital token
1312
Memorializing agreement backed by the item

FIG. 13

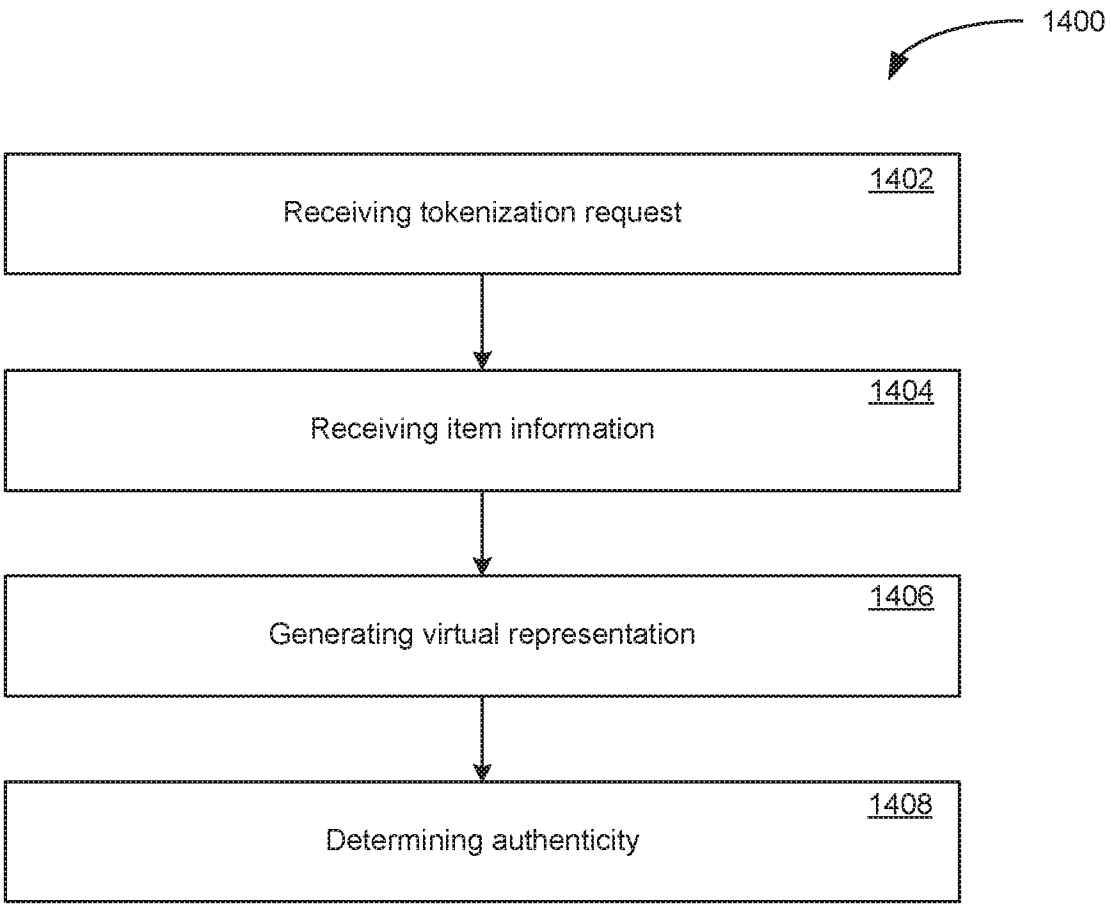
1400
1402
Receiving tokenization request
1404
Receiving item information
1406
Generating virtual representation
1408
Determining authenticity

FIG. 14

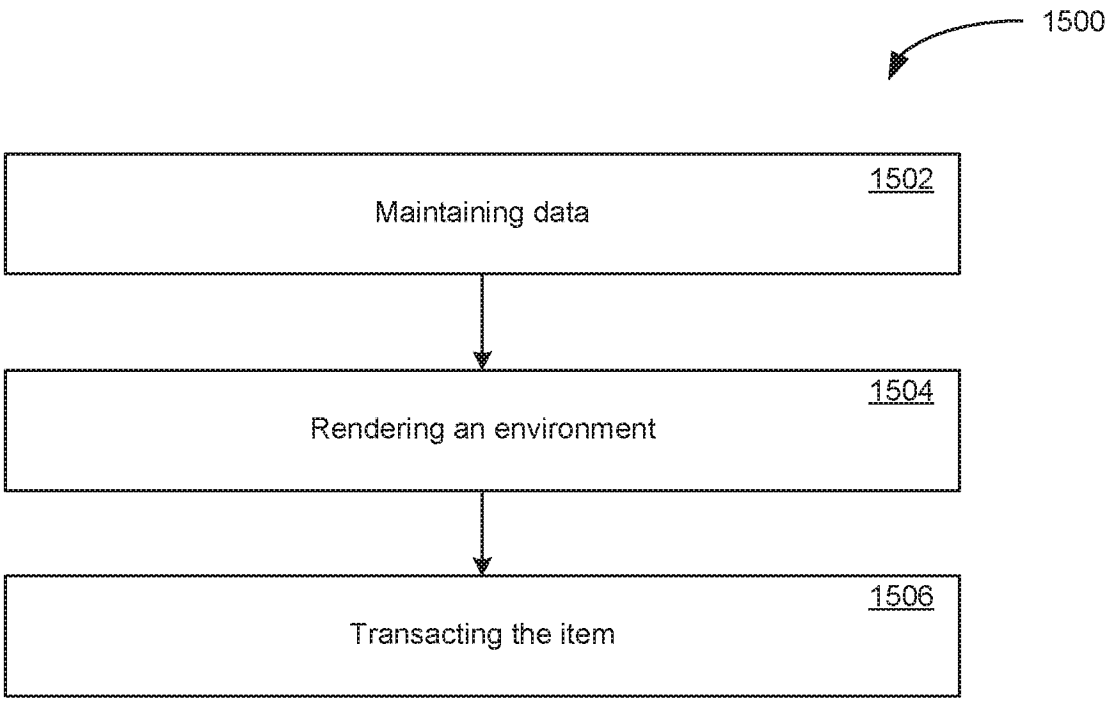
1500
1502
Maintaining data
1504
Rendering an environment
1506
Transacting the item

FIG. 15

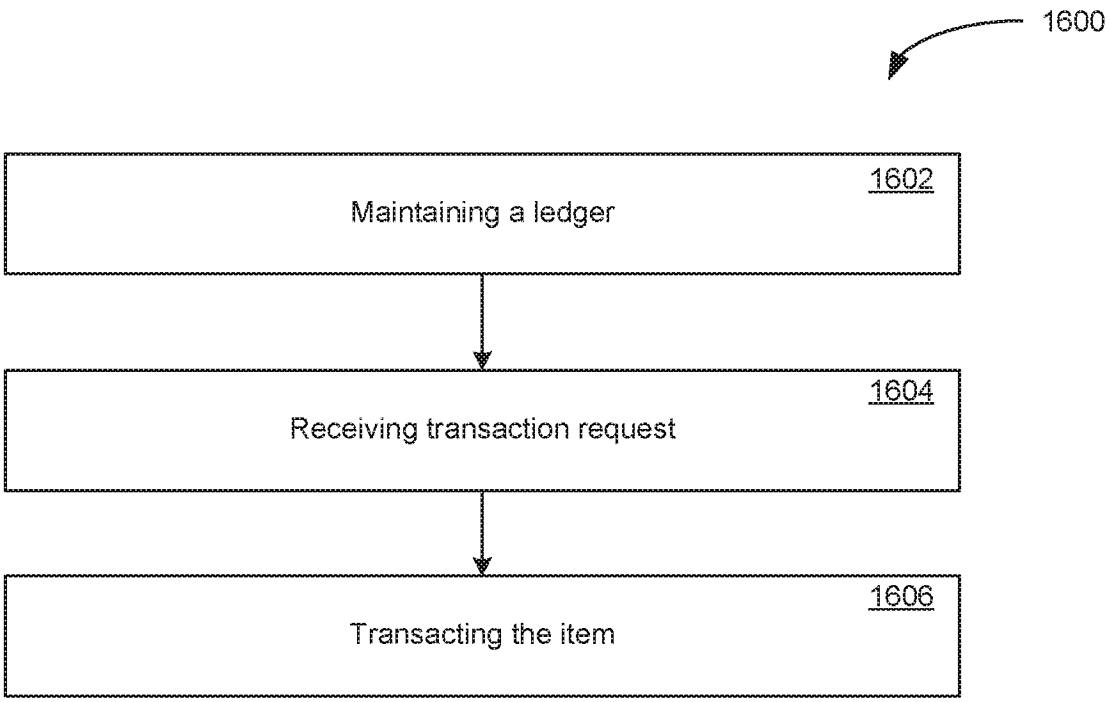
1600
1602
Maintaining a ledger
1604
Receiving transaction request
1606
Transacting the item

FIG. 16

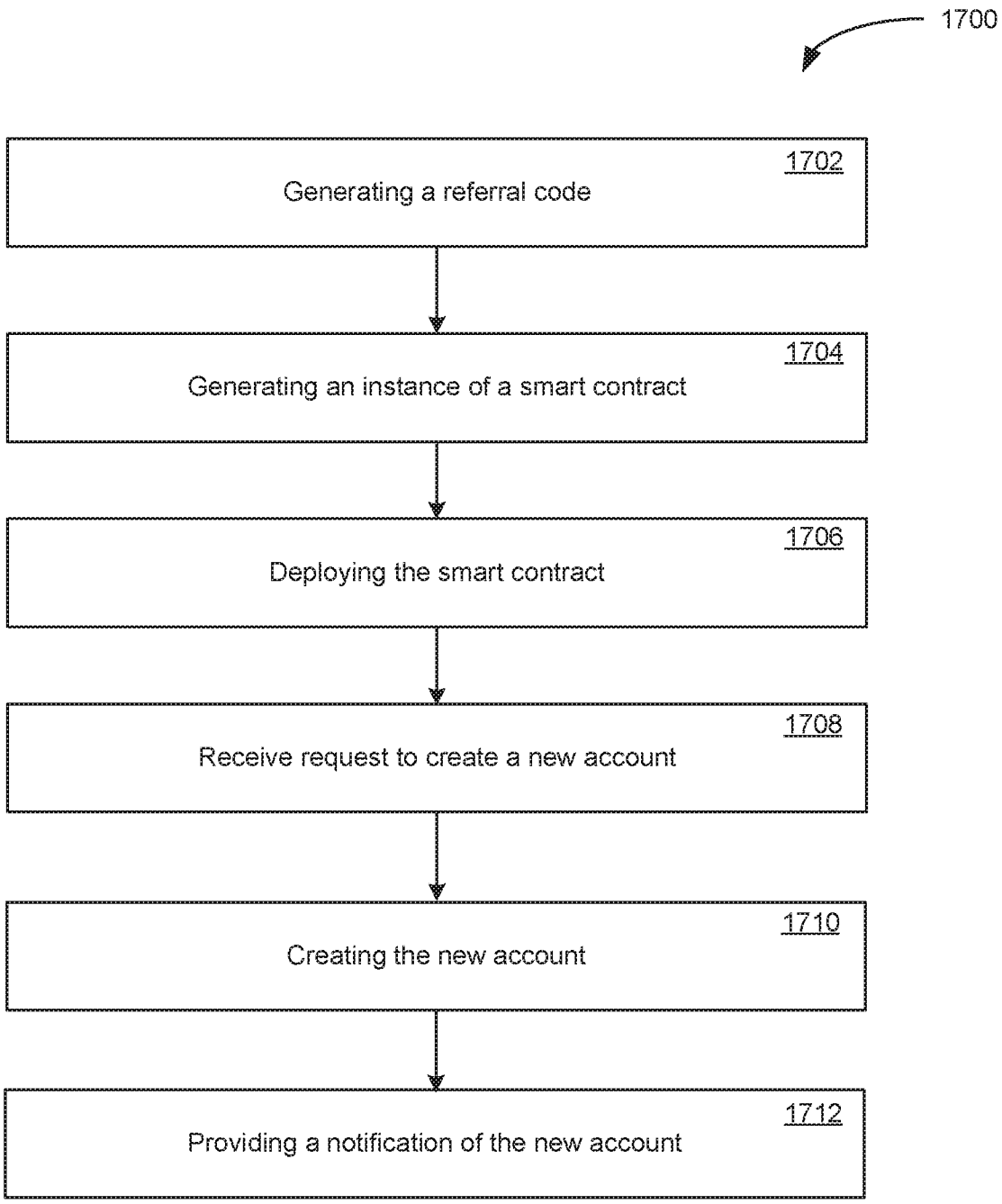
1700
1702
Generating a referral code
1704
Generating an instance of a smart contract
1706
Deploying the smart contract
1708
Receive request to create a new account
1710
Creating the new account
1712
Providing a notification of the new account

FIG. 17

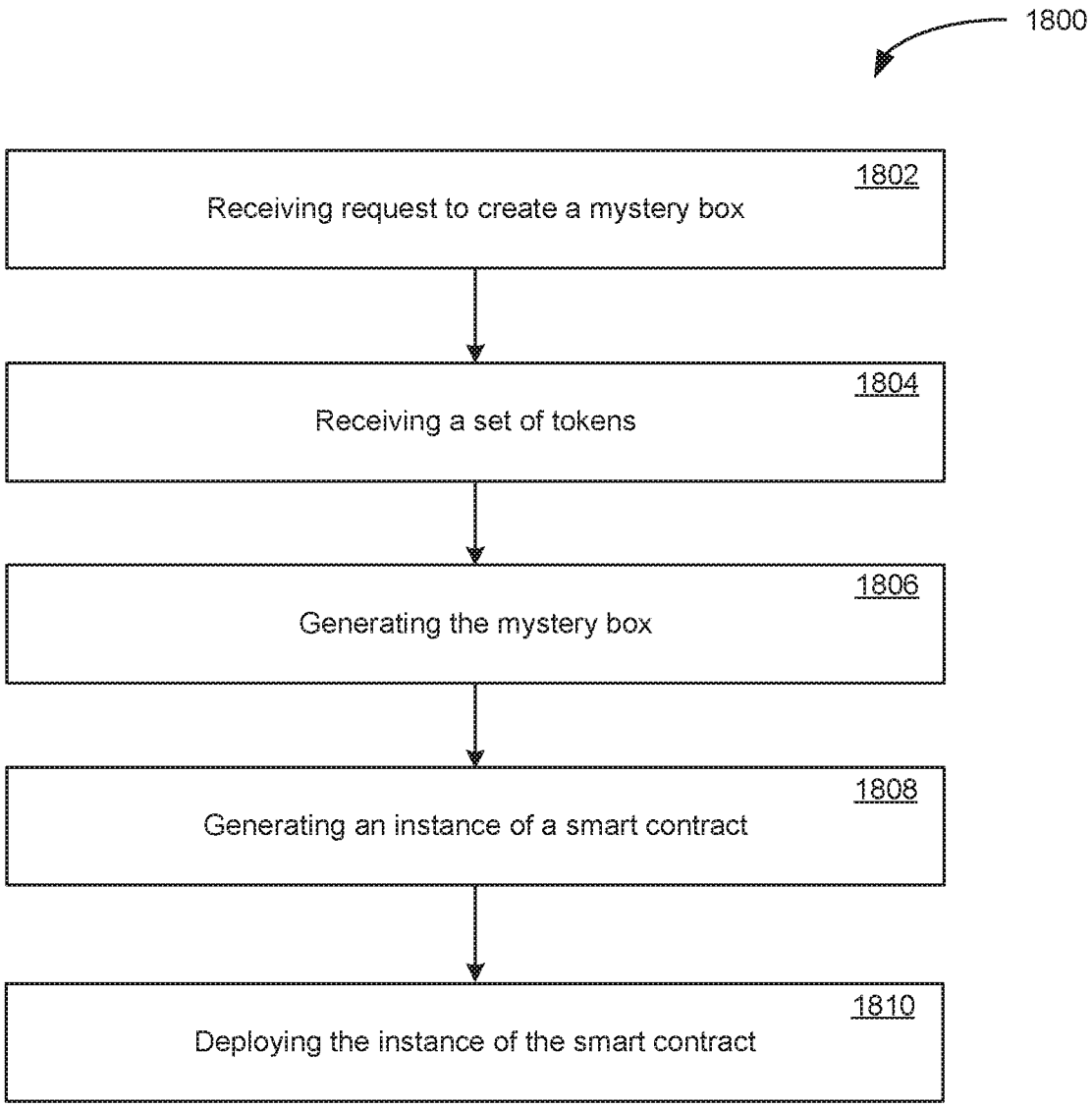
1800
1802
Receiving request to create a mystery box
1804
Receiving a set of tokens
1806
Generating the mystery box
1808
Generating an instance of a smart contract
1810
Deploying the instance of the smart contract

FIG. 18

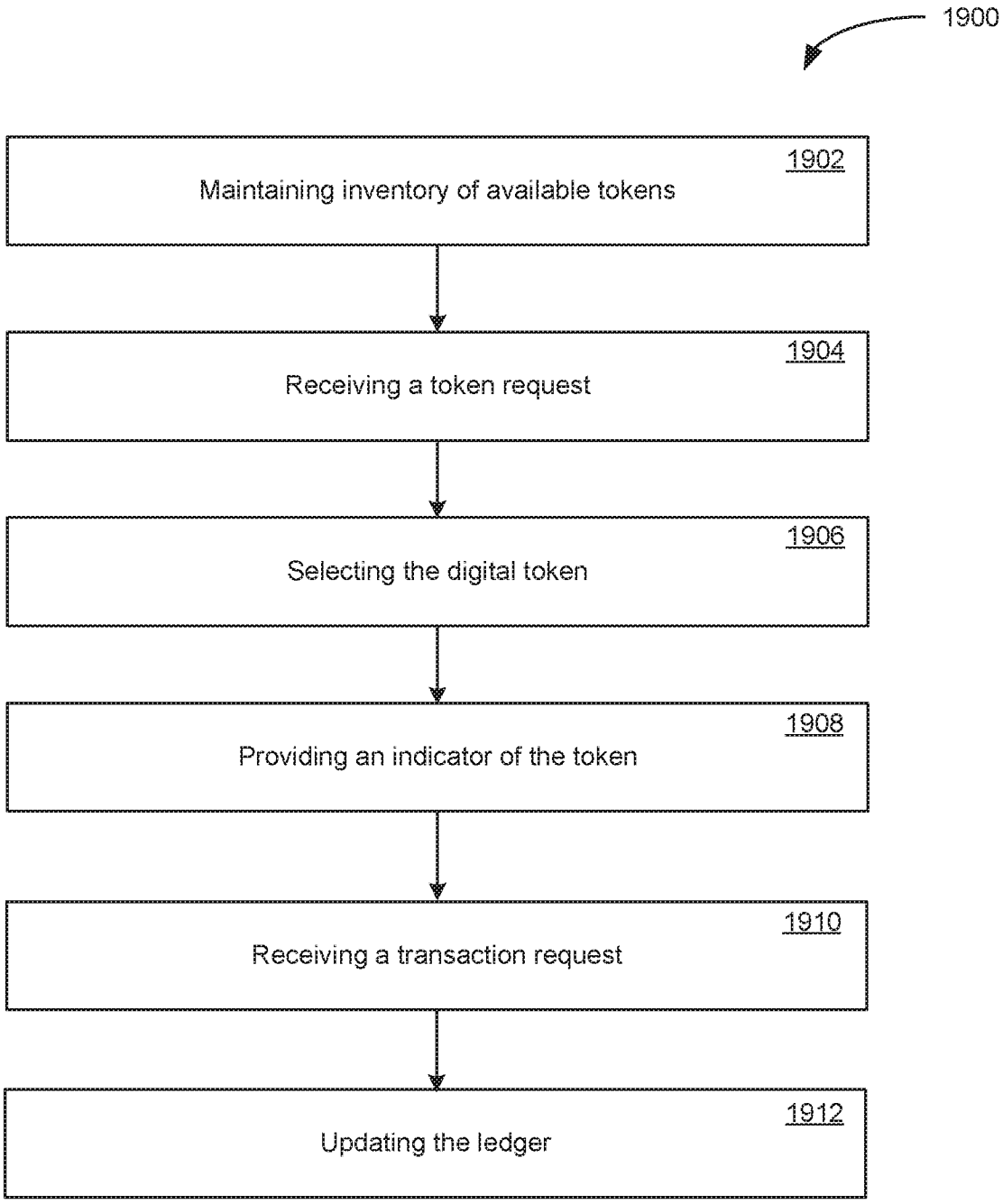
1900
1902
Maintaining inventory of available tokens
1904
Receiving a token request
1906
Selecting the digital token
1908
Providing an indicator of the token
1910
Receiving a transaction request
1912
Updating the ledger

FIG. 19