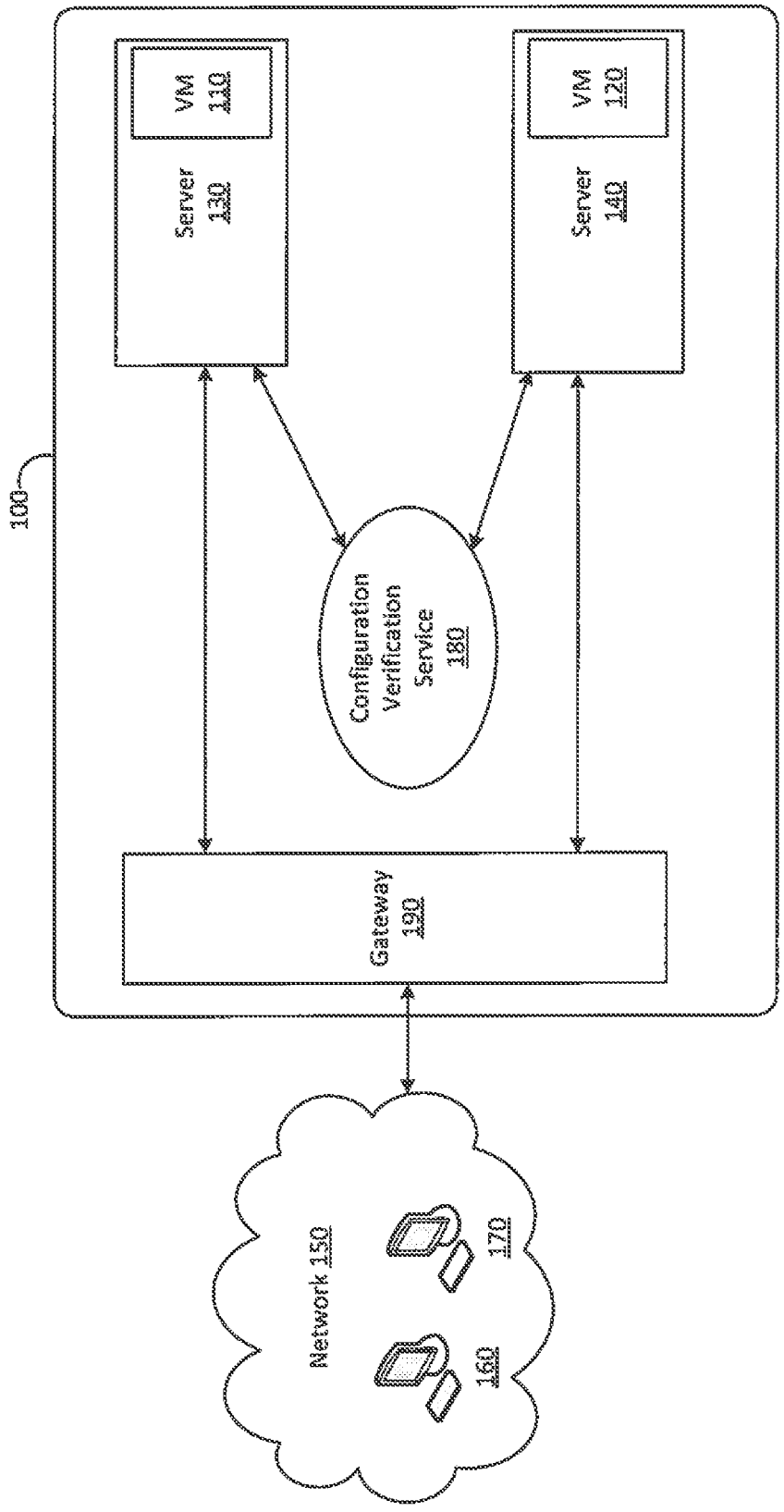
100
VM 110
Server 130
VM 120
Server 140
Configuration Verification Service 180
Gateway 190
Network 150
170
160

FIG. 1

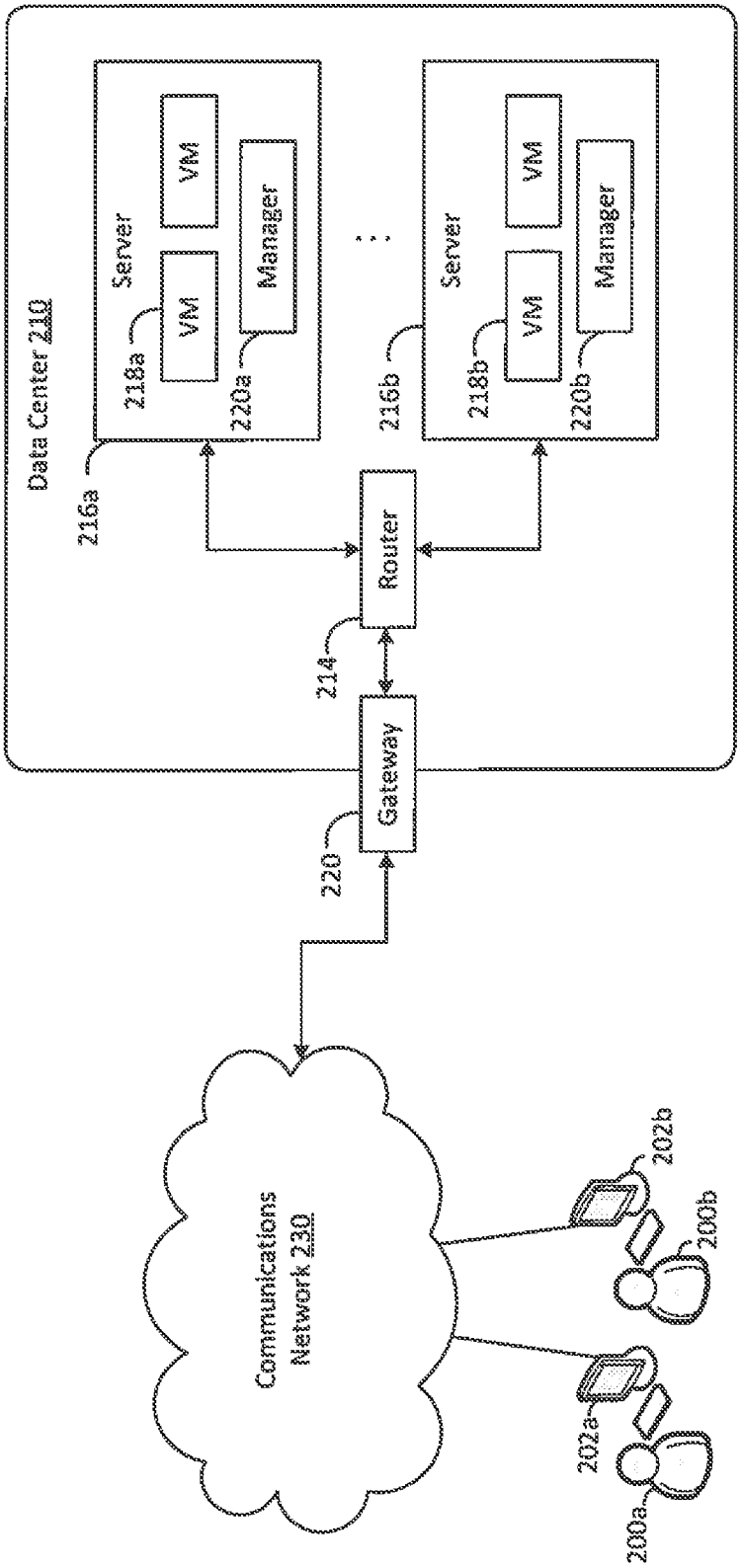
Data Center 210
Server
VM
VM
Manager
218a
220a
216a
216b
218b
220b
Router
214
Gateway
220
Communications Network 230
202a
202b
200a
200b

FIG. 2

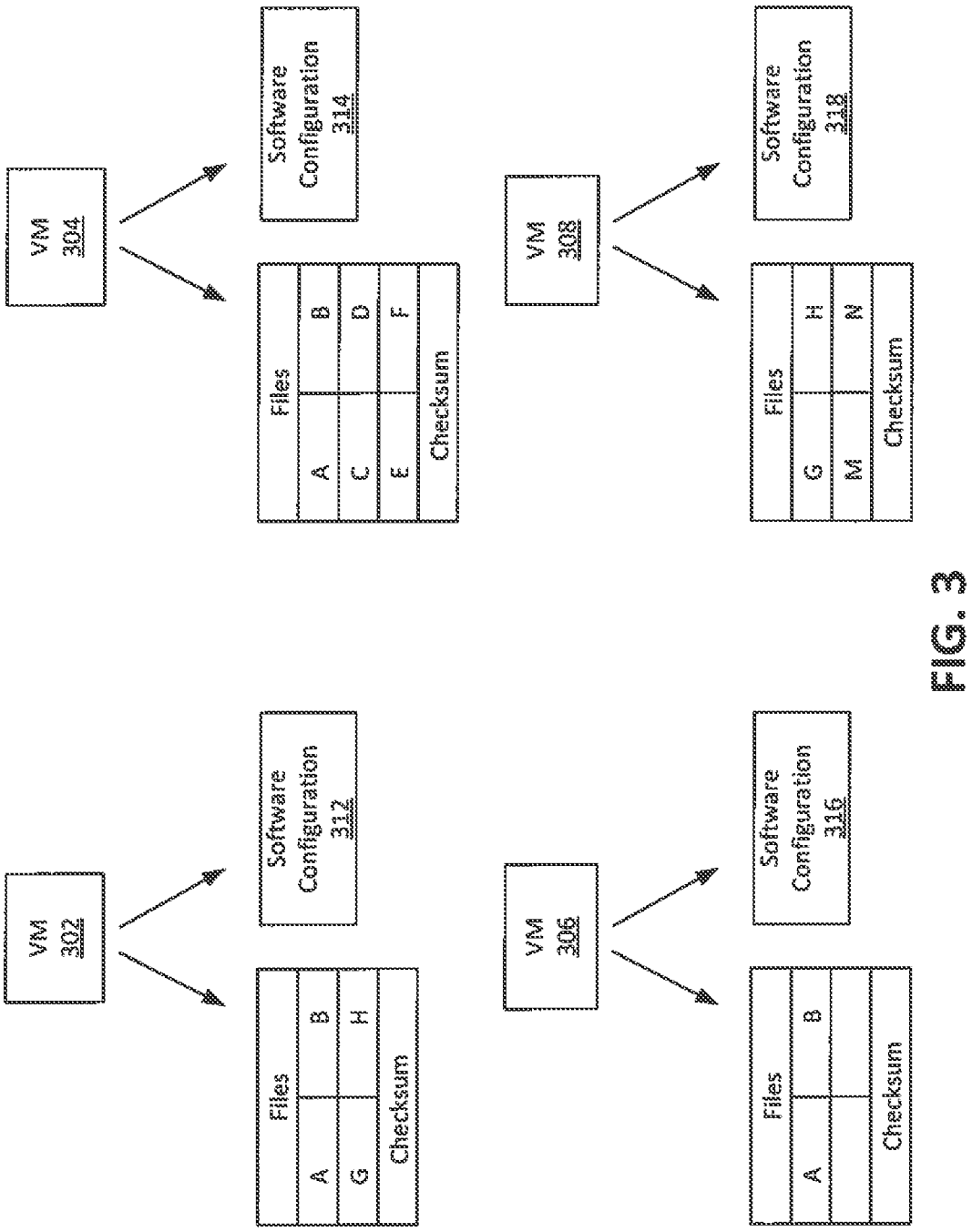
VM 302
Software Configuration 312
Files
A
B
G
H
Checksum
VM 304
Software Configuration 314
Files
A
B
C
D
E
F
Checksum
VM 306
Software Configuration 316
Files
A
B
Checksum
VM 308
Software Configuration 318
Files
G
H
M
N
Checksum

FIG. 3

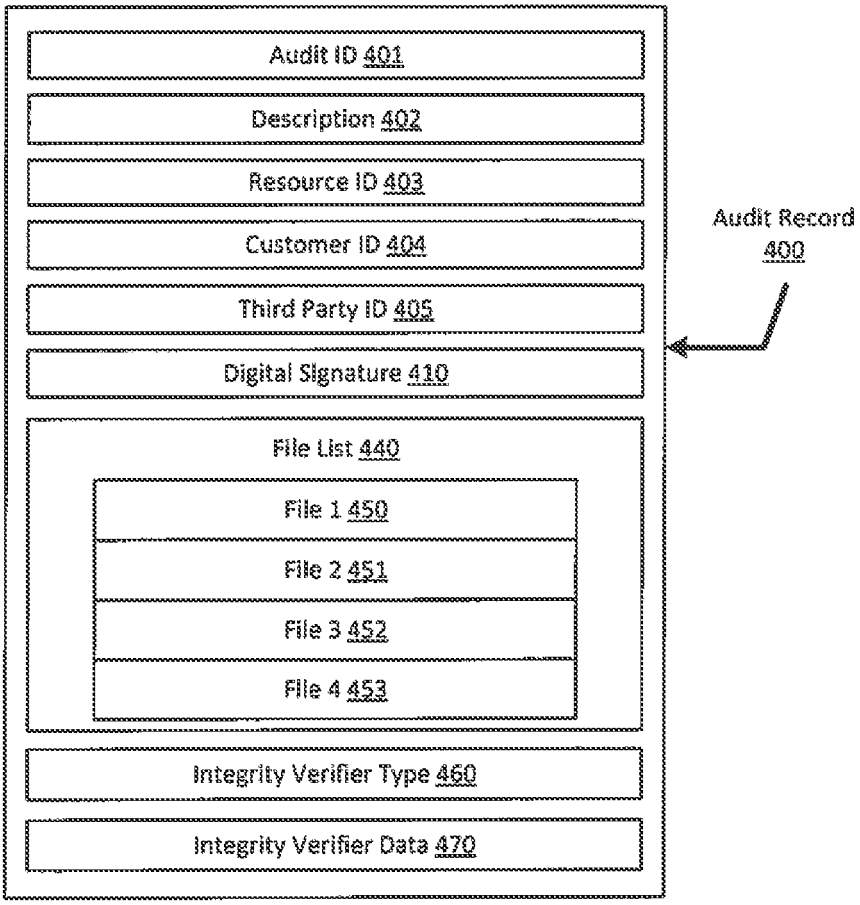
Audit ID 401
Description 402
Resource ID 403
Customer ID 404
Third Party ID 405
Digital Signature 410
File List 440
File 1 450
File 2 451
File 3 452
File 4 453
Integrity Verifier Type 460
Integrity Verifier Data 470
Audit Record
400

FIG. 4

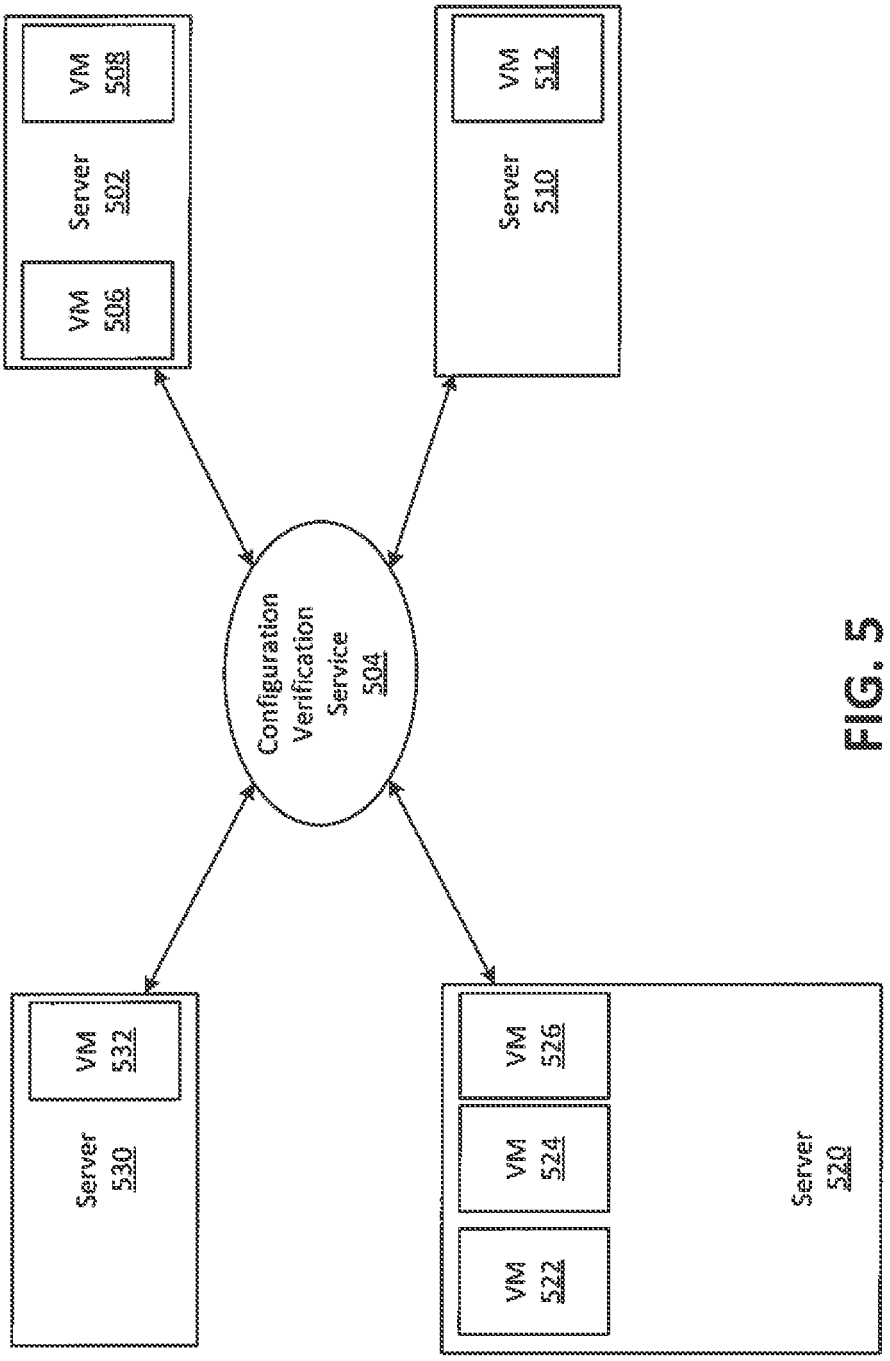
VM 508
Server 502
VM 506
VM 512
Server 510
Configuration Verification Service 504
VM 532
Server 530
VM 526
VM 524
VM 522
Server 520

FIG. 5

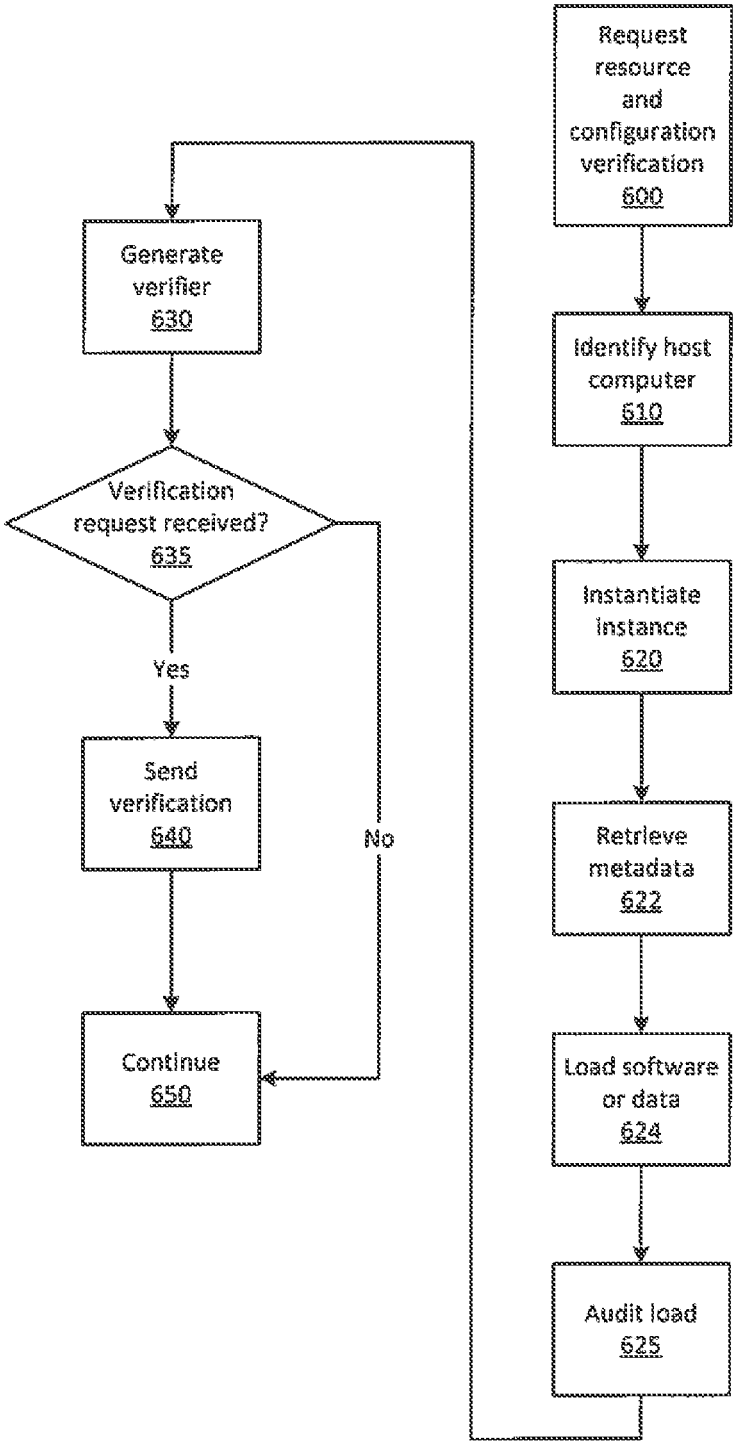
Request resource and configuration verification 600
Identify host computer 610
Instantiate instance 620
Retrieve metadata 622
Load software or data 624
Audit load 625
Generate verifier 630
Verification request received? 635
Yes
No
Send verification 640
Continue 650

FIG. 6

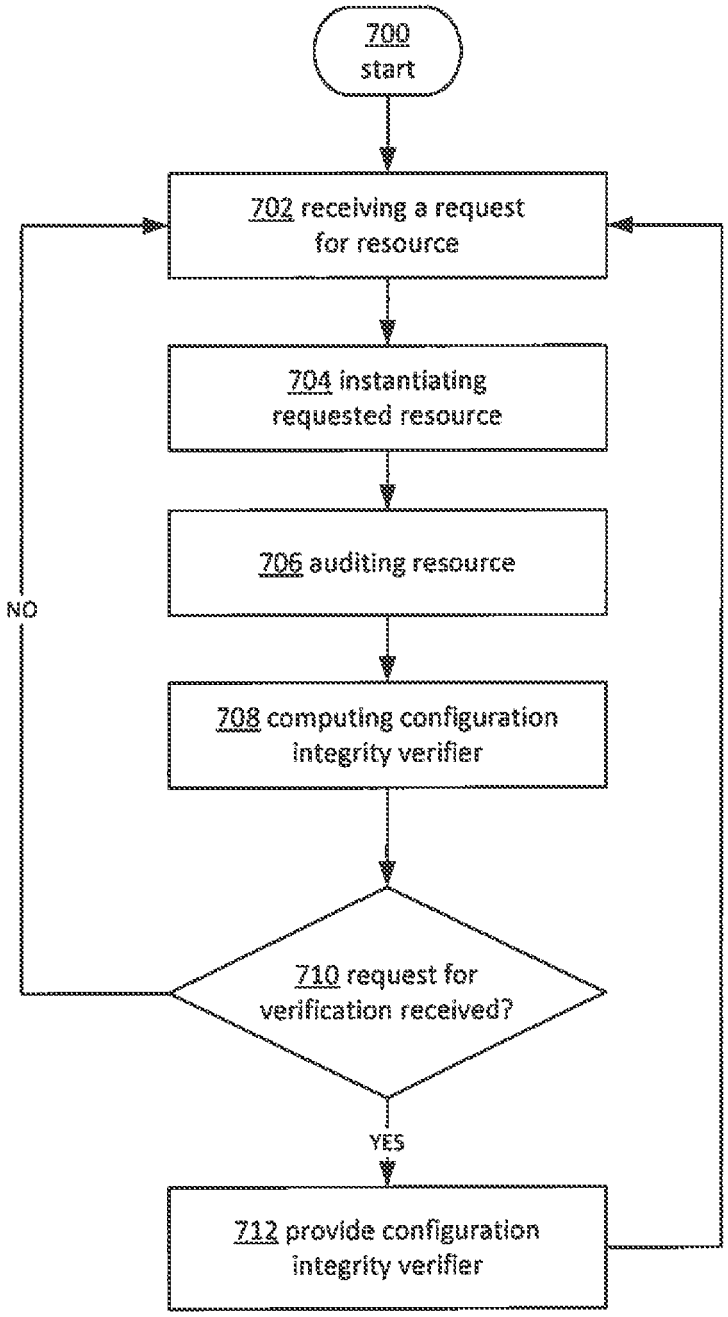
700
start
702 receiving a request for resource
704 instantiating requested resource
706 auditing resource
708 computing configuration integrity verifier
710 request for verification received?
NO
YES
712 provide configuration integrity verifier

FIG. 7