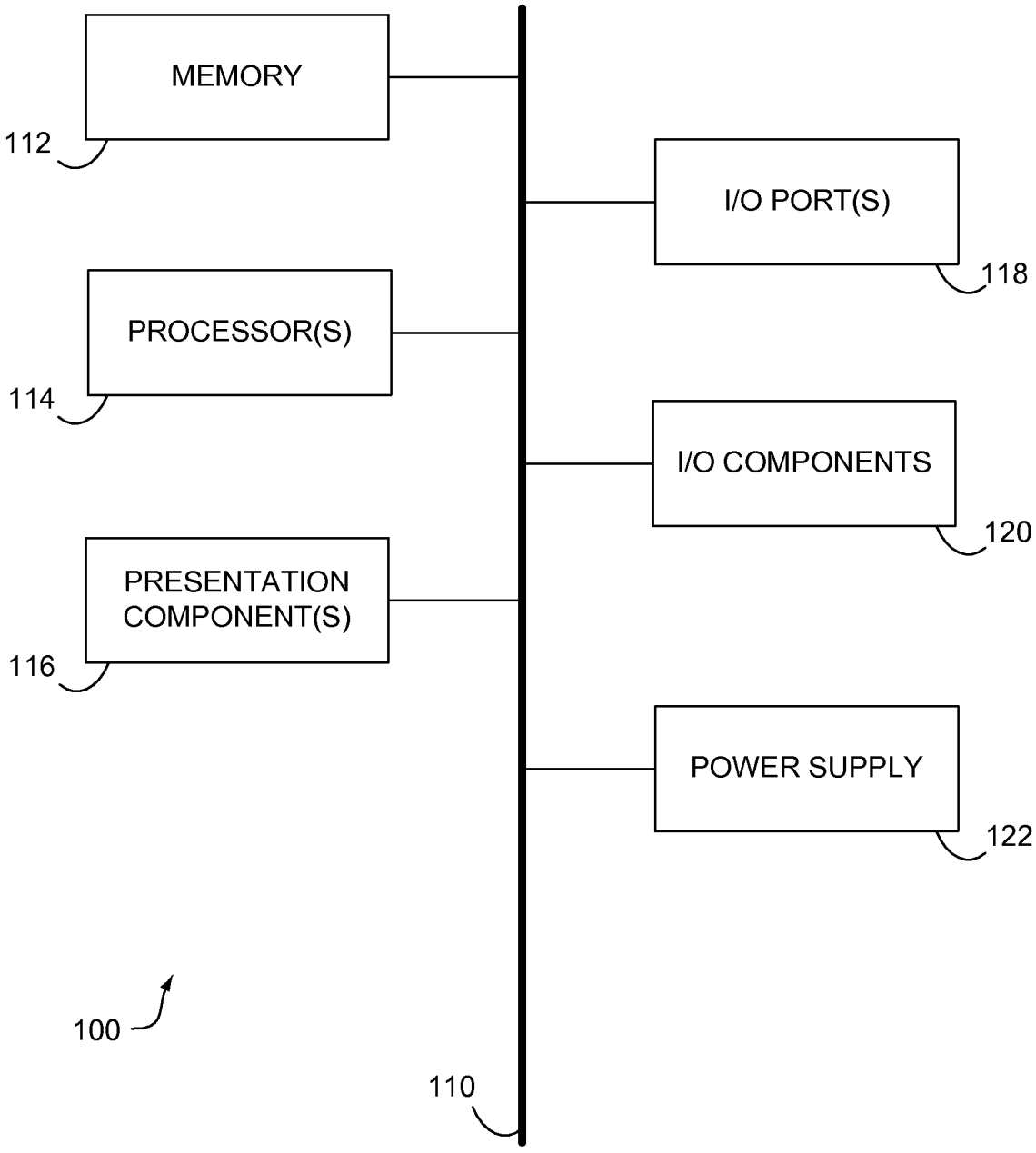
MEMORY
112
PROCESSOR(S)
114
PRESENTATION COMPONENT(S)
116
I/O PORT(S)
118
I/O COMPONENTS
120
POWER SUPPLY
122
100
110

FIG. 1.

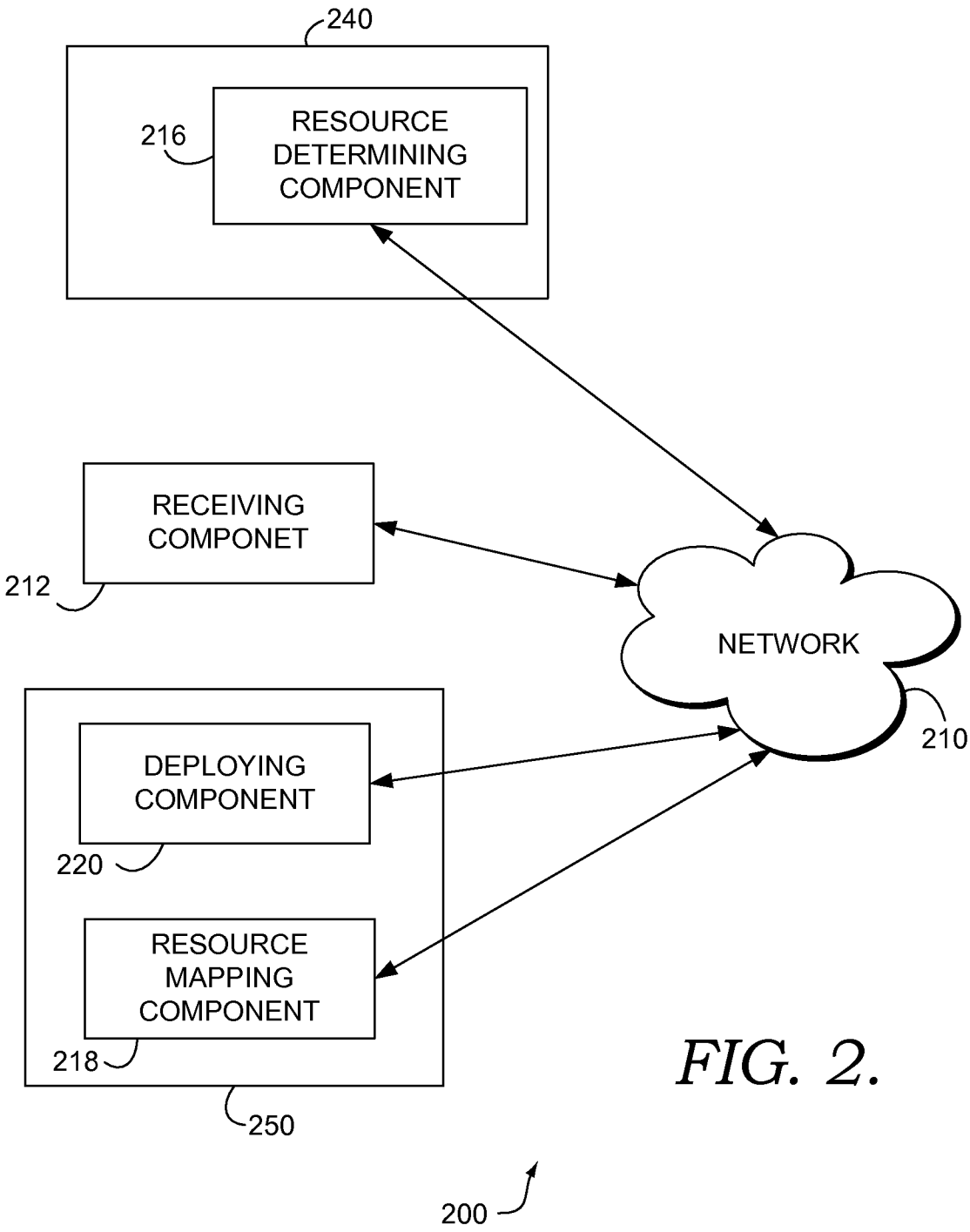
240
RESOURCE DETERMINING COMPONENT
216
RECEIVING COMPONET
212
NETWORK
210
DEPLOYING COMPONENT
220
RESOURCE MAPPING COMPONENT
218
250
200

FIG. 2.

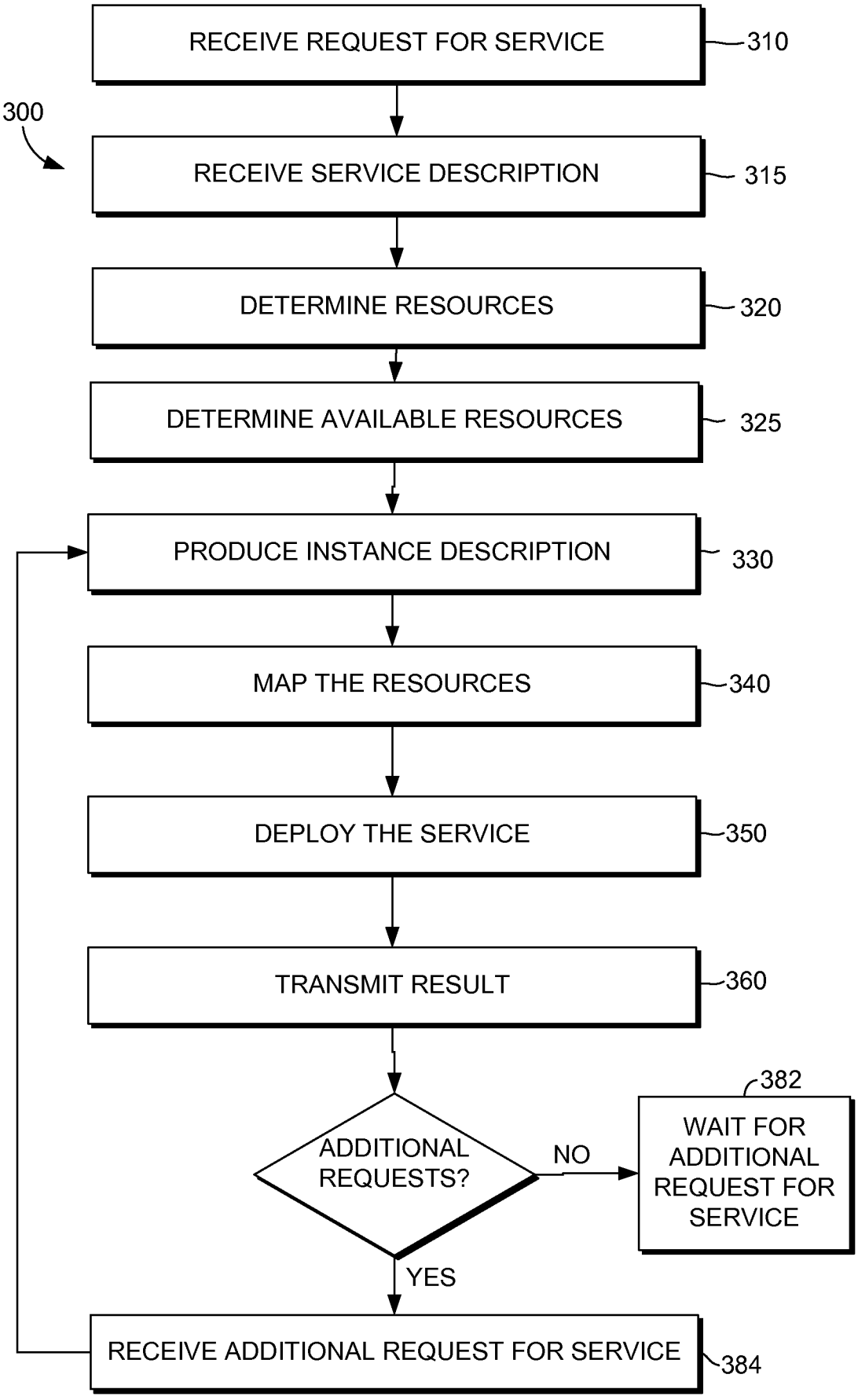
RECEIVE REQUEST FOR SERVICE
310
300
RECEIVE SERVICE DESCRIPTION
315
DETERMINE RESOURCES
320
DETERMINE AVAILABLE RESOURCES
325
PRODUCE INSTANCE DESCRIPTION
330
MAP THE RESOURCES
340
DEPLOY THE SERVICE
350
TRANSMIT RESULT
360
382
ADDITIONAL REQUESTS?
NO
WAIT FOR ADDITIONAL REQUEST FOR SERVICE
YES
RECEIVE ADDITIONAL REQUEST FOR SERVICE
384

FIG. 3.

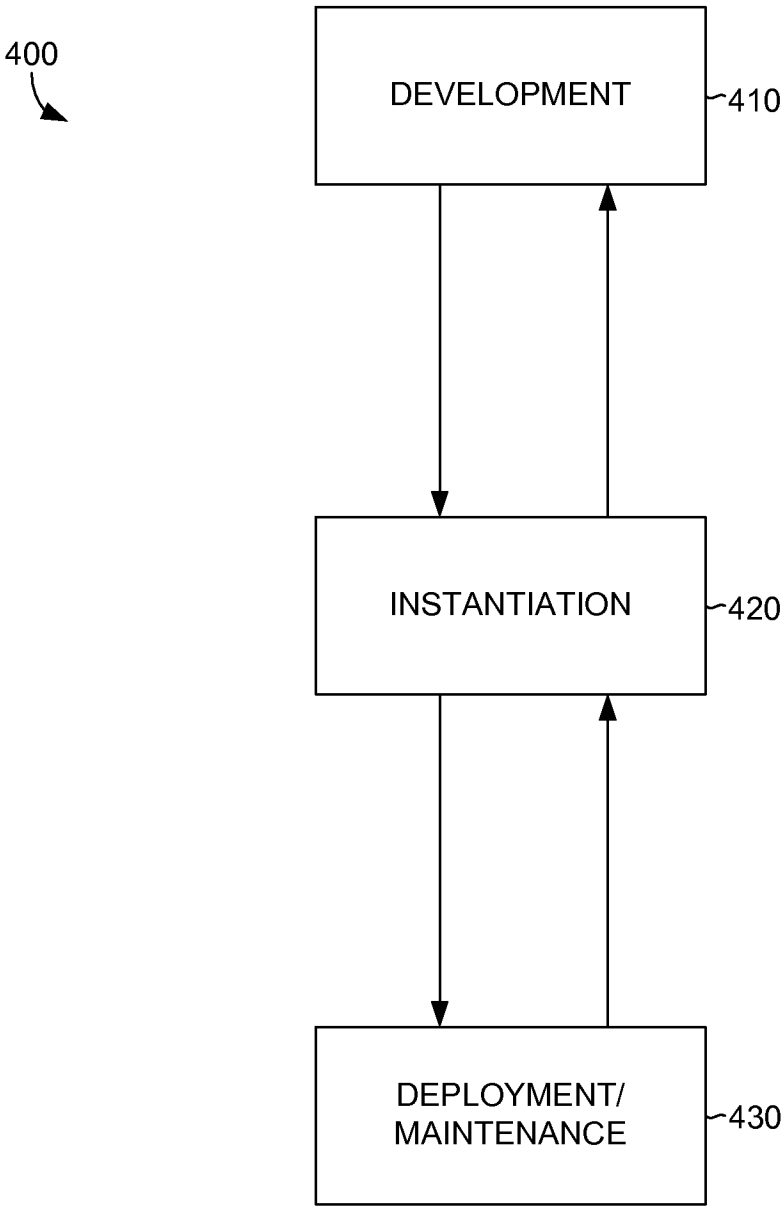
400
DEVELOPMENT
410
INSTANTIATION
420
DEPLOYMENT/
MAINTENANCE
430

FIG. 4.

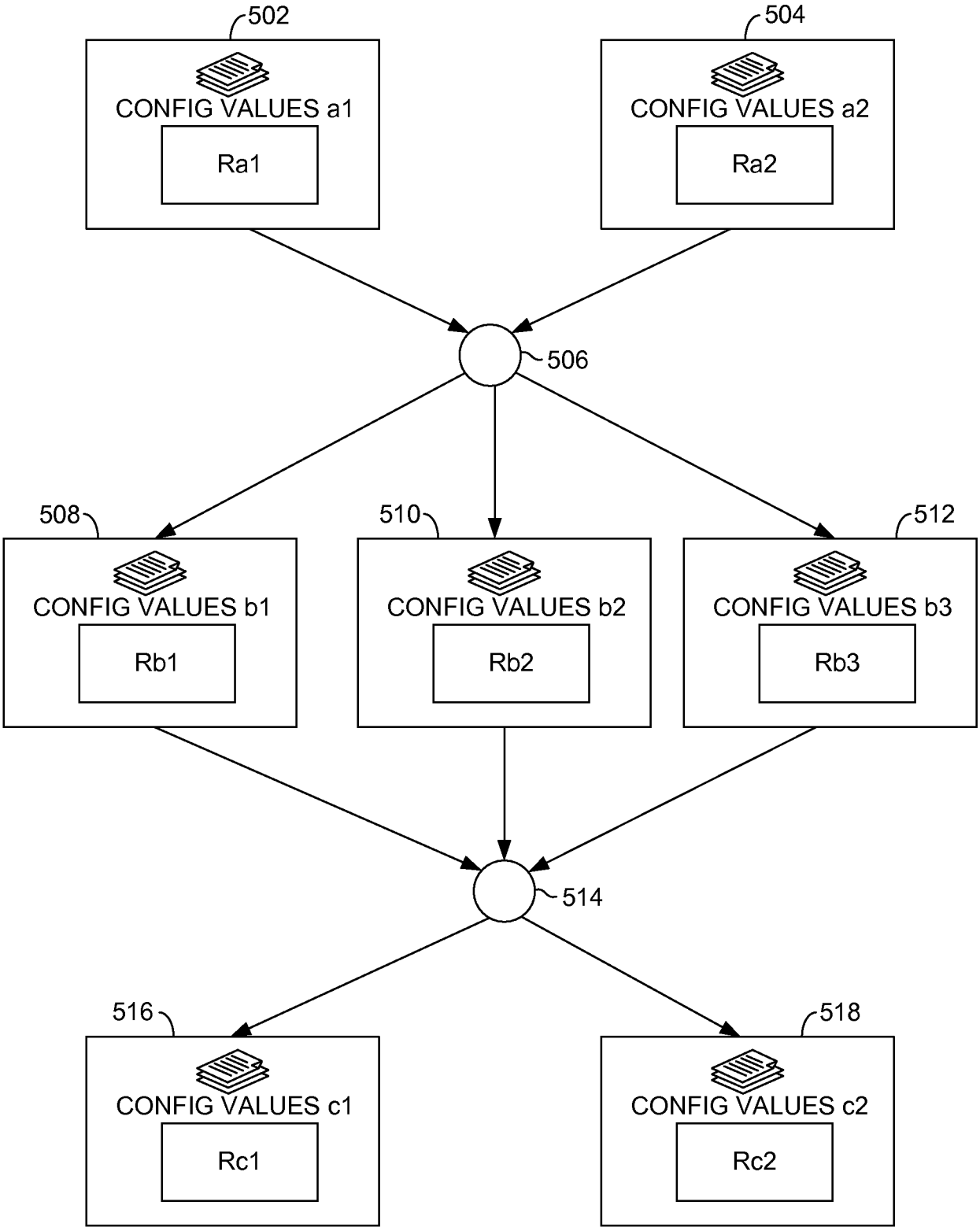
502
CONFIG VALUES a1
Ra1
504
CONFIG VALUES a2
Ra2
506
508
CONFIG VALUES b1
Rb1
510
CONFIG VALUES b2
Rb2
512
CONFIG VALUES b3
Rb3
514
516
CONFIG VALUES c1
Rc1
518
CONFIG VALUES c2
Rc2

FIG. 5.

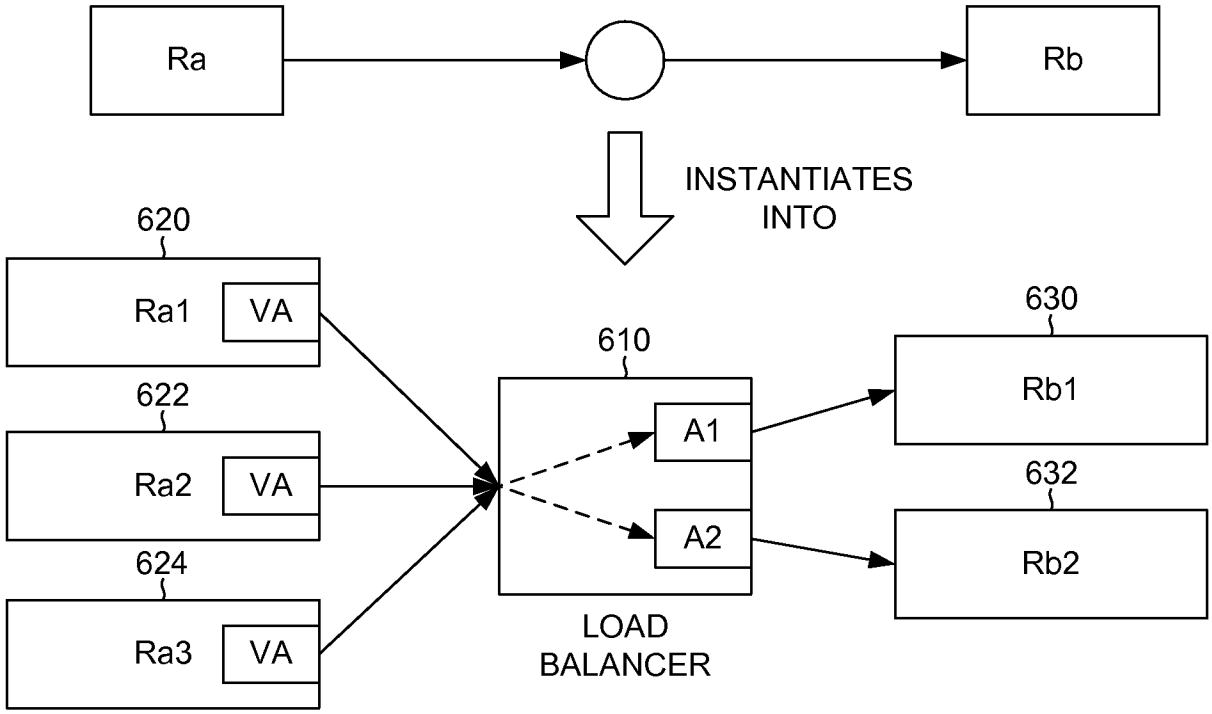
Ra
Rb
INSTANTIATES
INTO
620
Ra1
VA
622
Ra2
VA
624
Ra3
VA
610
A1
A2
LOAD
BALANCER
630
Rb1
632
Rb2

FIG. 6.

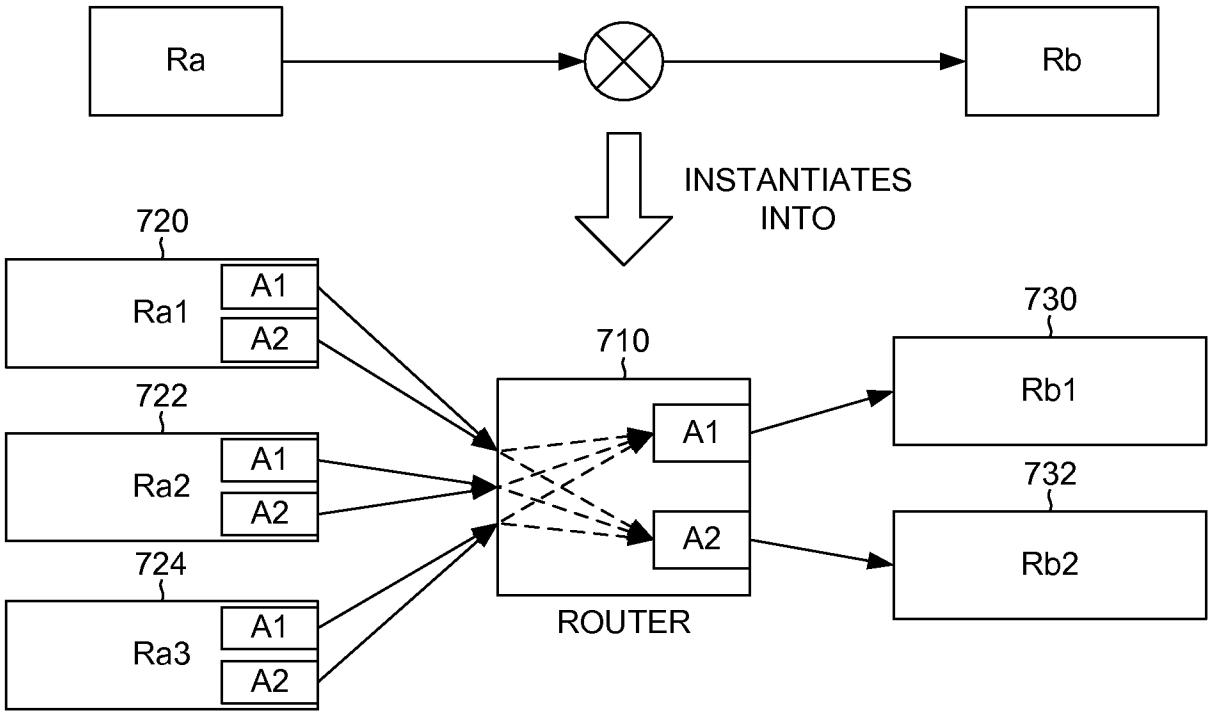
Ra
Rb
INSTANTIATES
INTO
720
Ra1
A1
A2
722
Ra2
A1
A2
724
Ra3
A1
A2
710
A1
A2
ROUTER
730
Rb1
732
Rb2

FIG. 7.

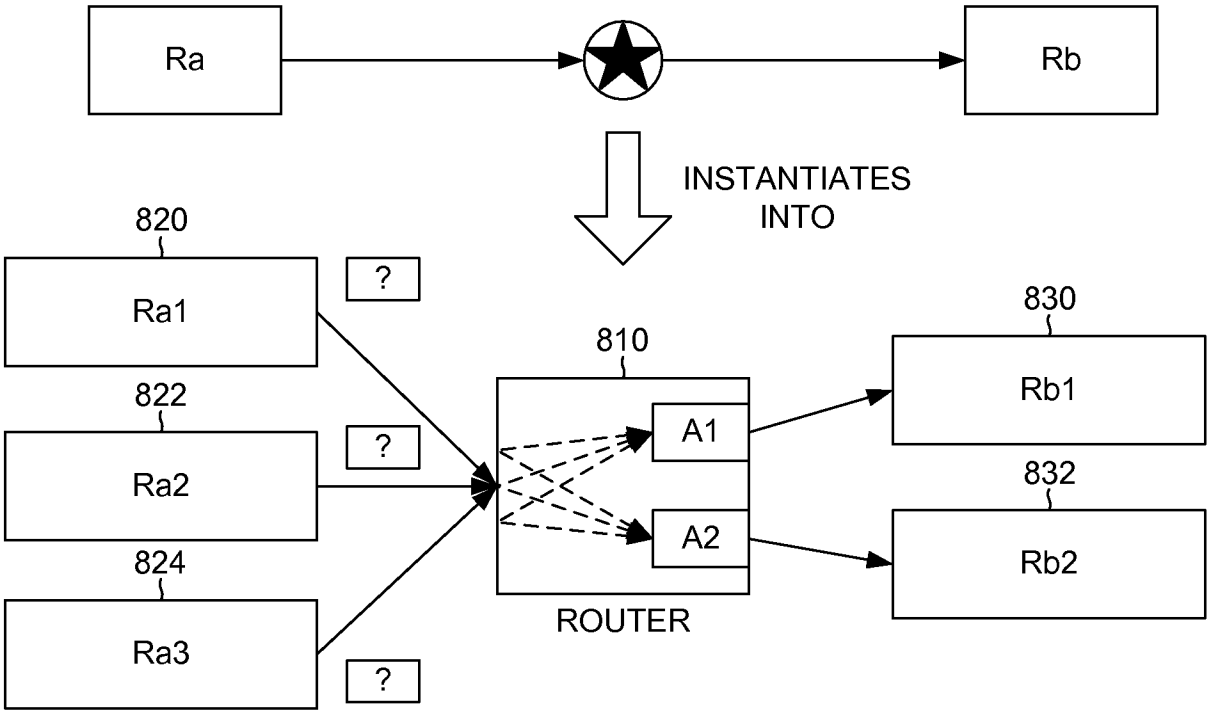
Ra
Rb
INSTANTIATES
INTO
820
Ra1
?
822
Ra2
?
824
Ra3
?
810
A1
A2
ROUTER
830
Rb1
832
Rb2

FIG. 8.

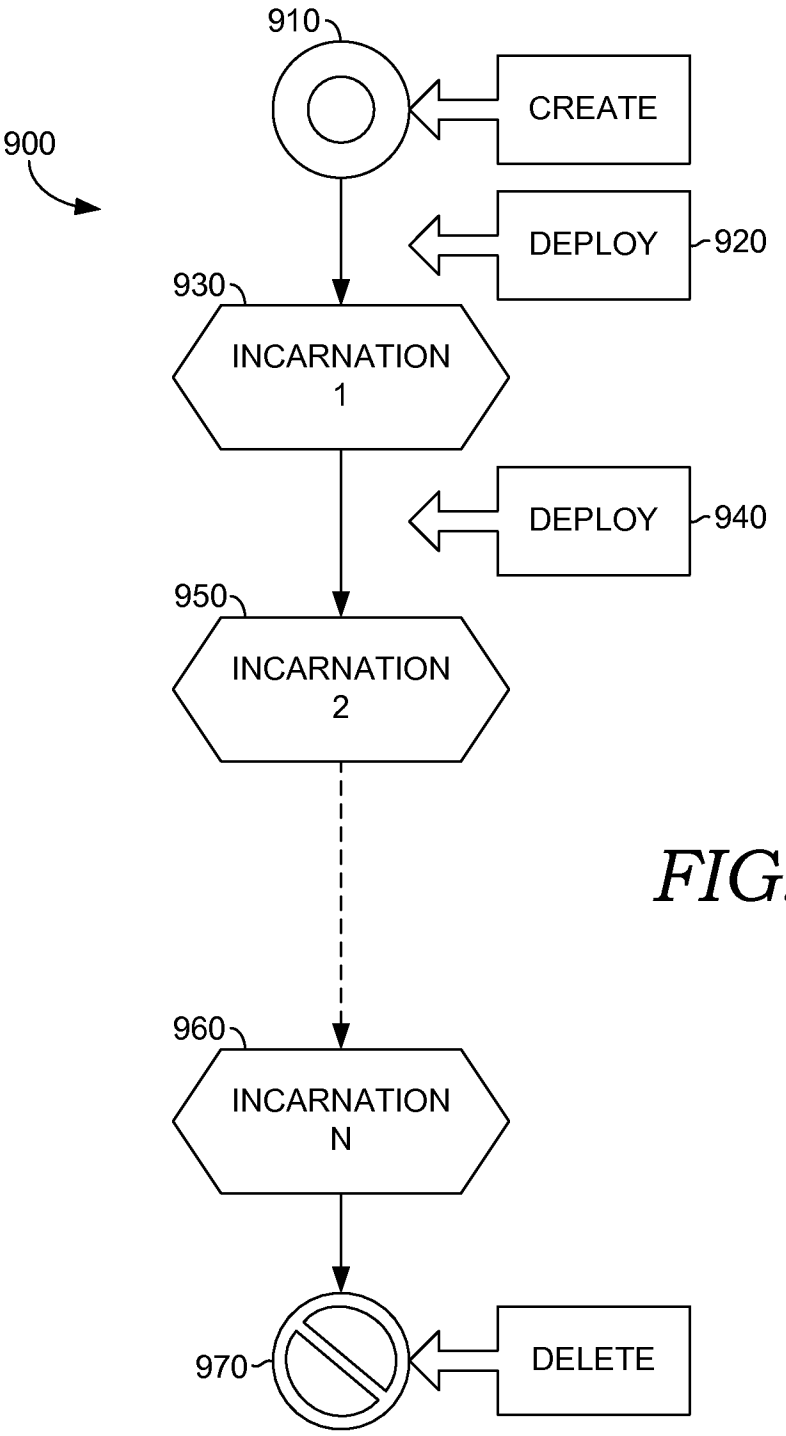
900
910
CREATE
DEPLOY
920
930
INCARNATION 1
DEPLOY
940
950
INCARNATION 2
960
INCARNATION N
970
DELETE

FIG. 9.