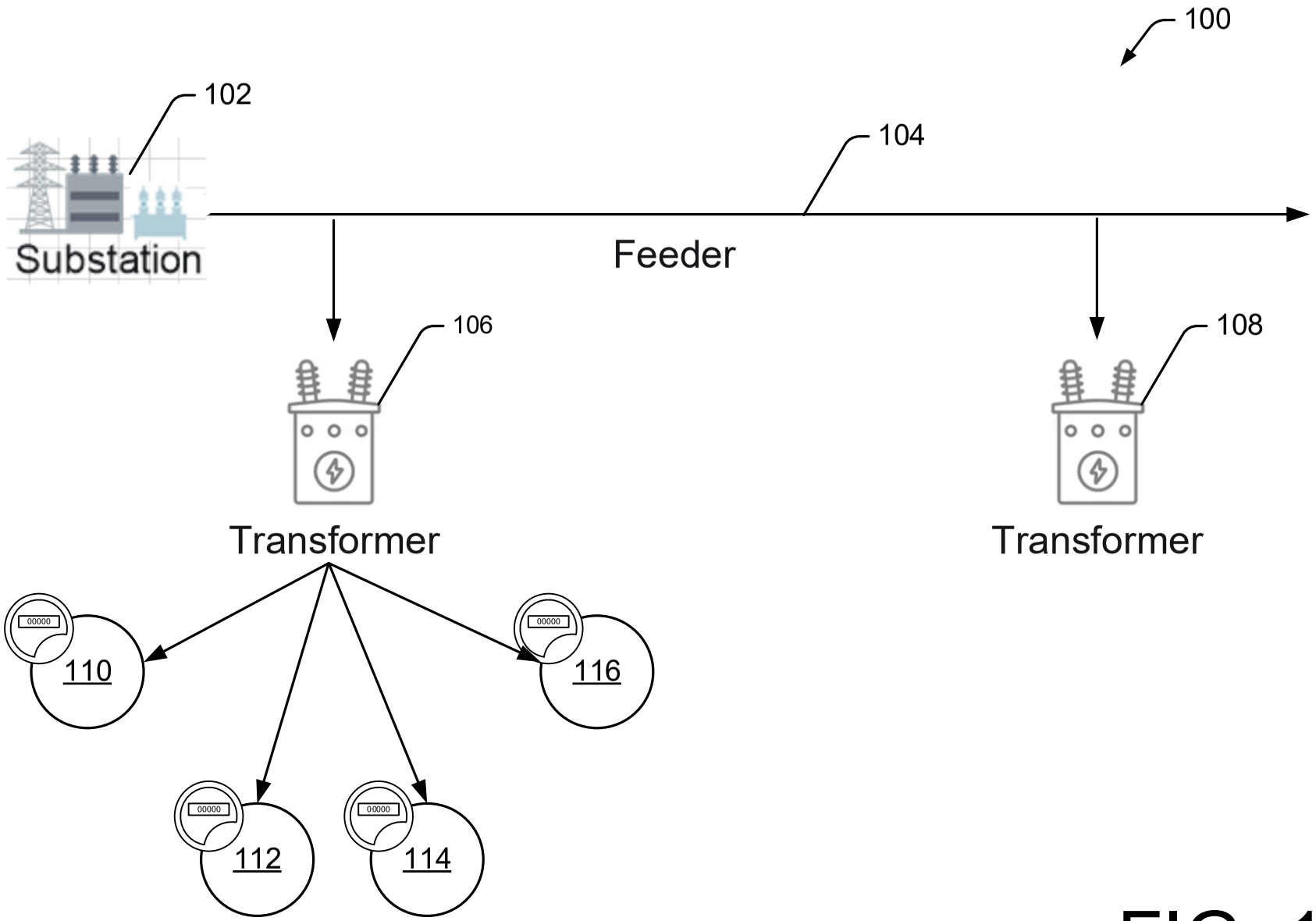

100
102
104
Substation
Feeder
106
108
Transformer
Transformer
110
112
114
116

FIG. 1

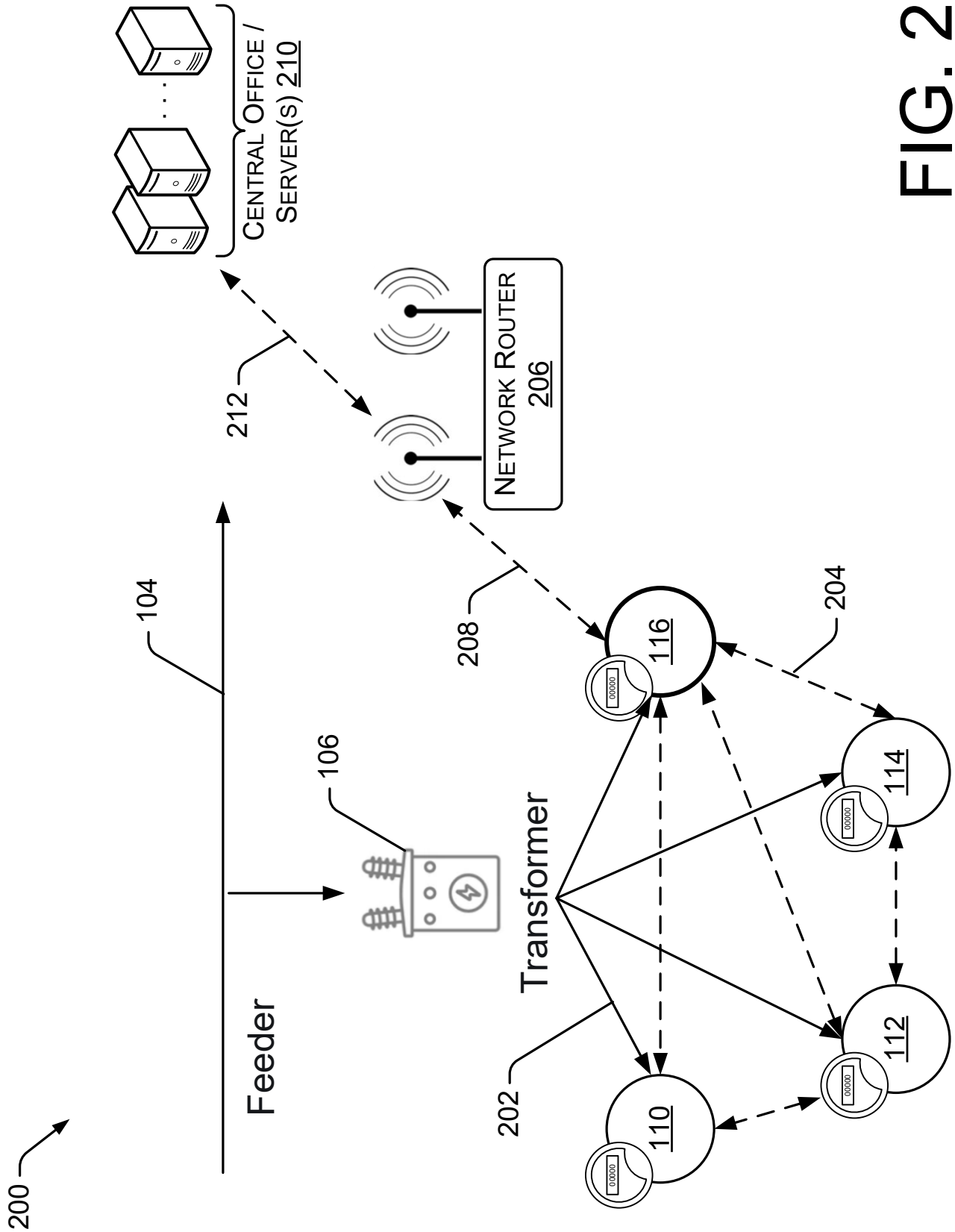

200
Feeder
104
106
Transformer
202
110
112
114
116
204
208
NETWORK ROUTER 206
212
CENTRAL OFFICE / SERVER(S) 210

FIG. 2

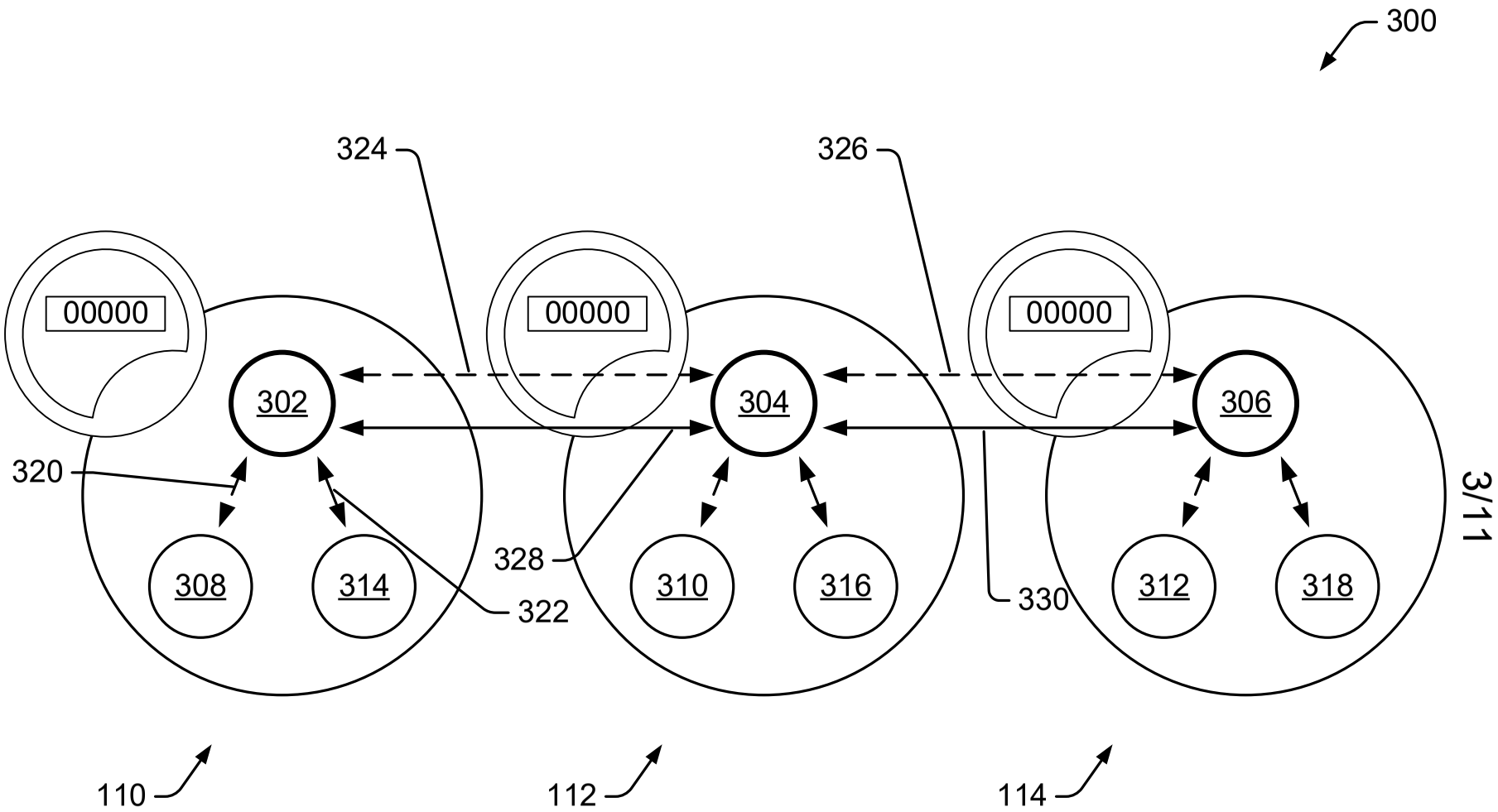

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FIG. 3

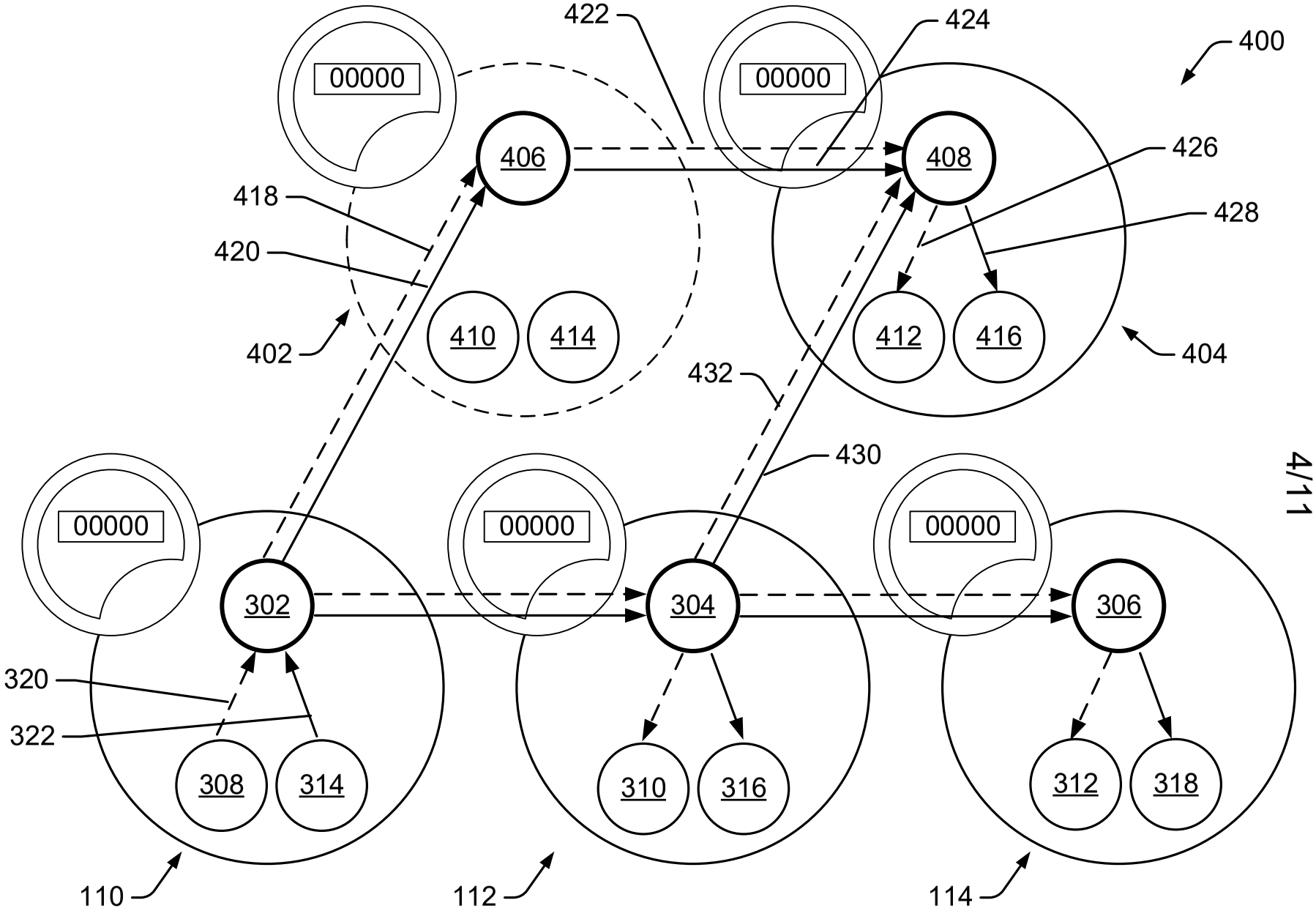

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FIG. 4

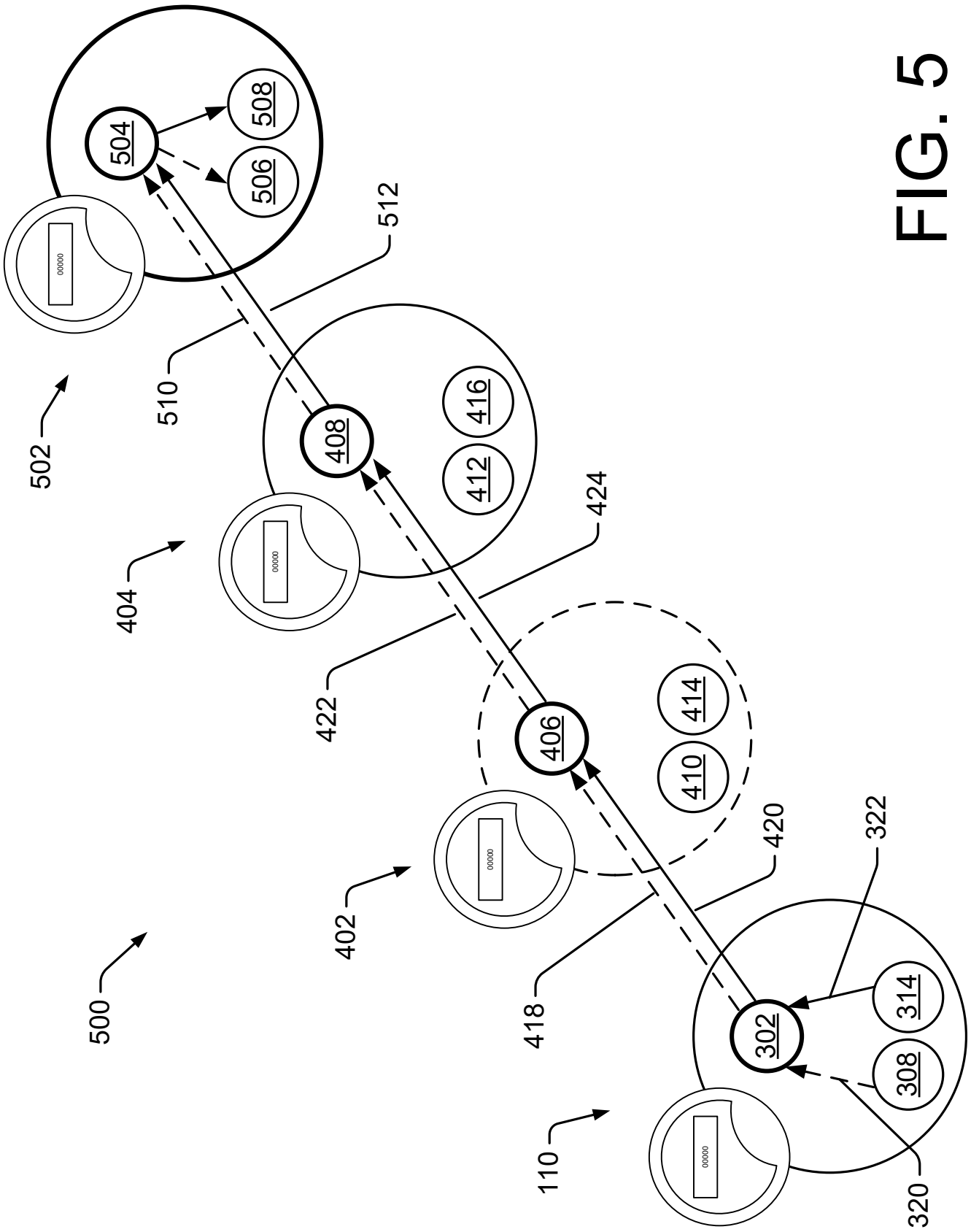

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FIG. 5

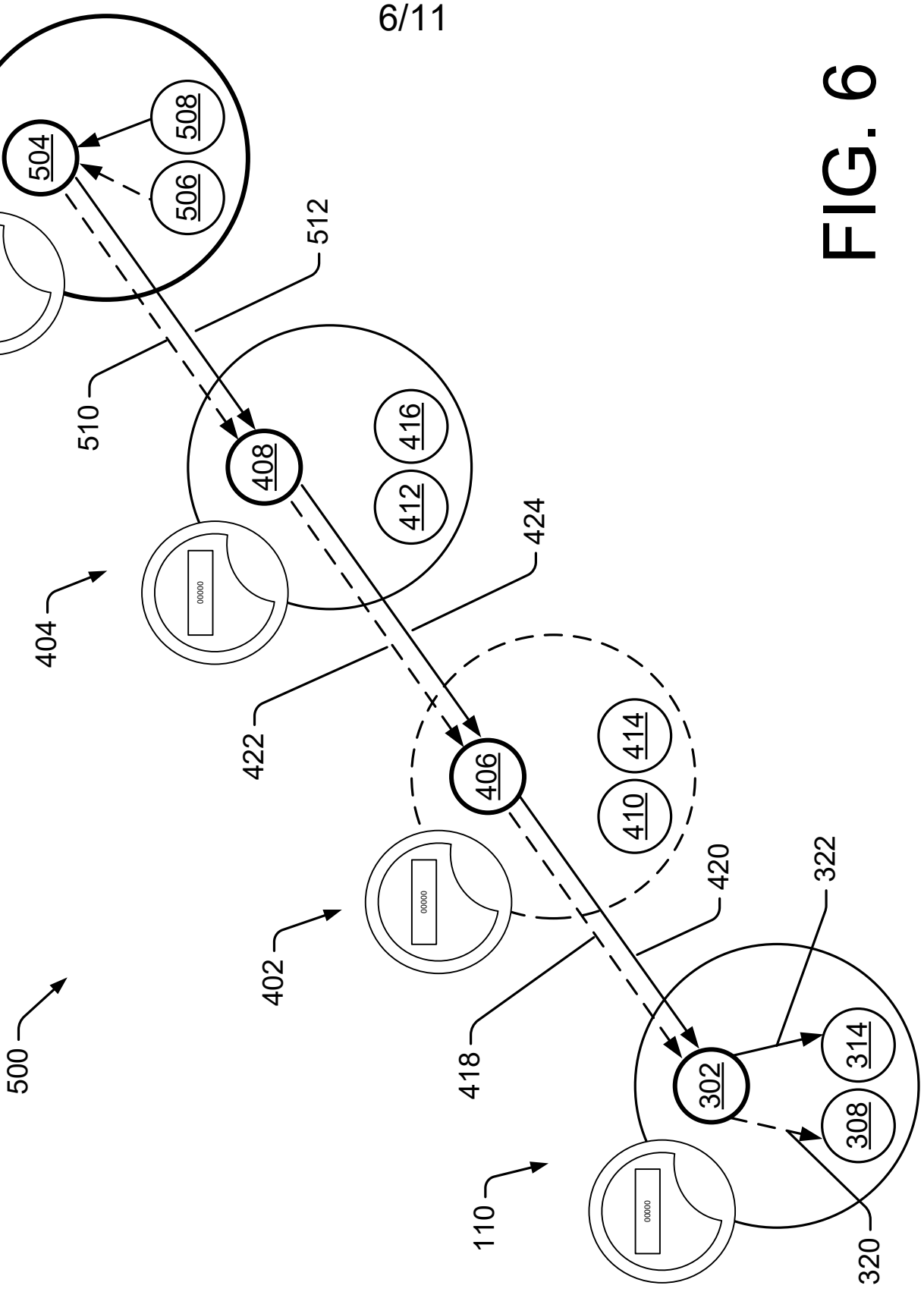

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FIG. 6

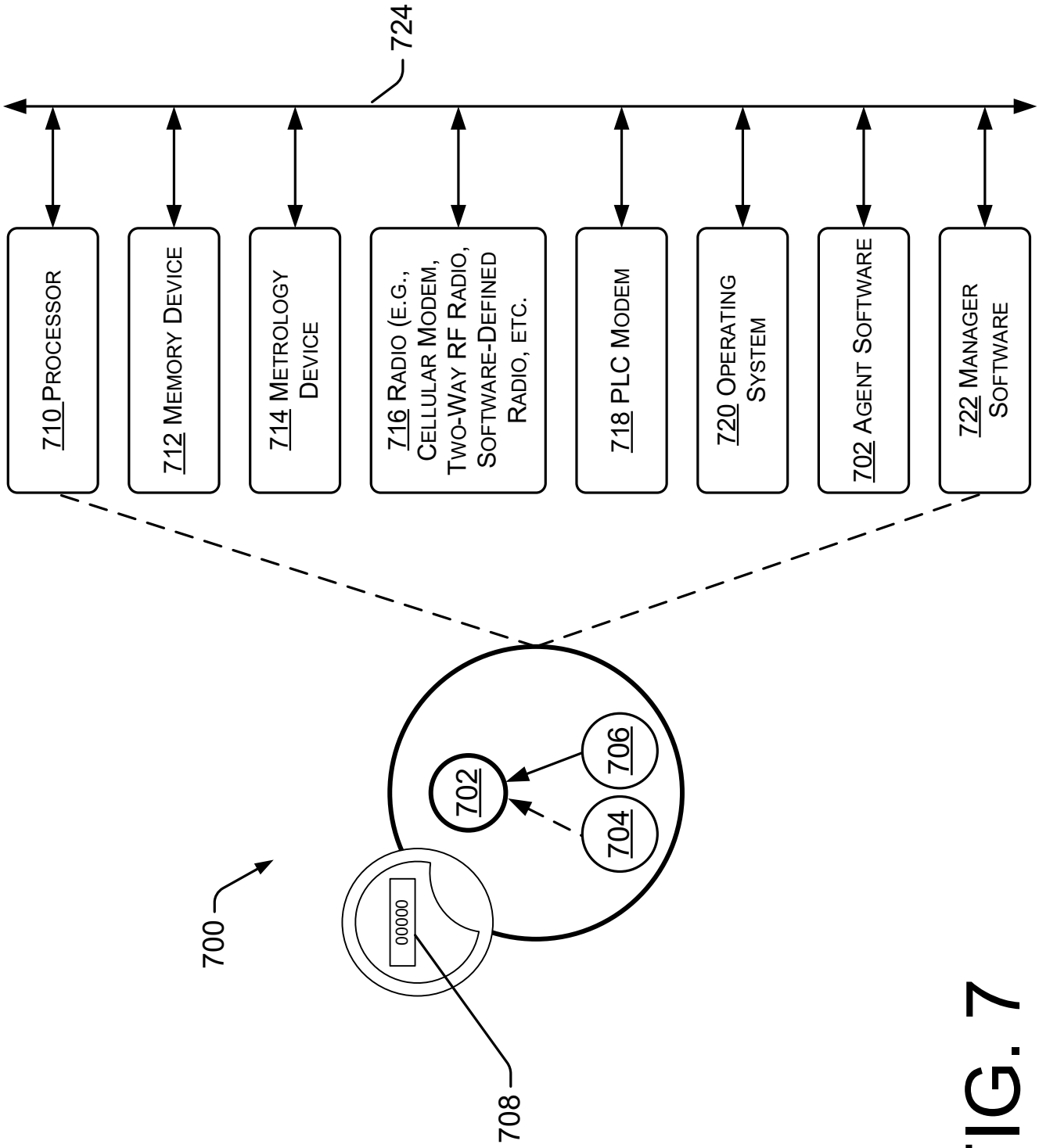

724
710 Processor
712 Memory Device
714 Metrology Device
716 Radio (e.g., Cellular Modem, Two-Way RF Radio, Software-Defined Radio, etc.
718 PLC Modem
720 Operating System
702 Agent Software
722 Manager Software
700
702
704
706
708
00000

FIG. 7

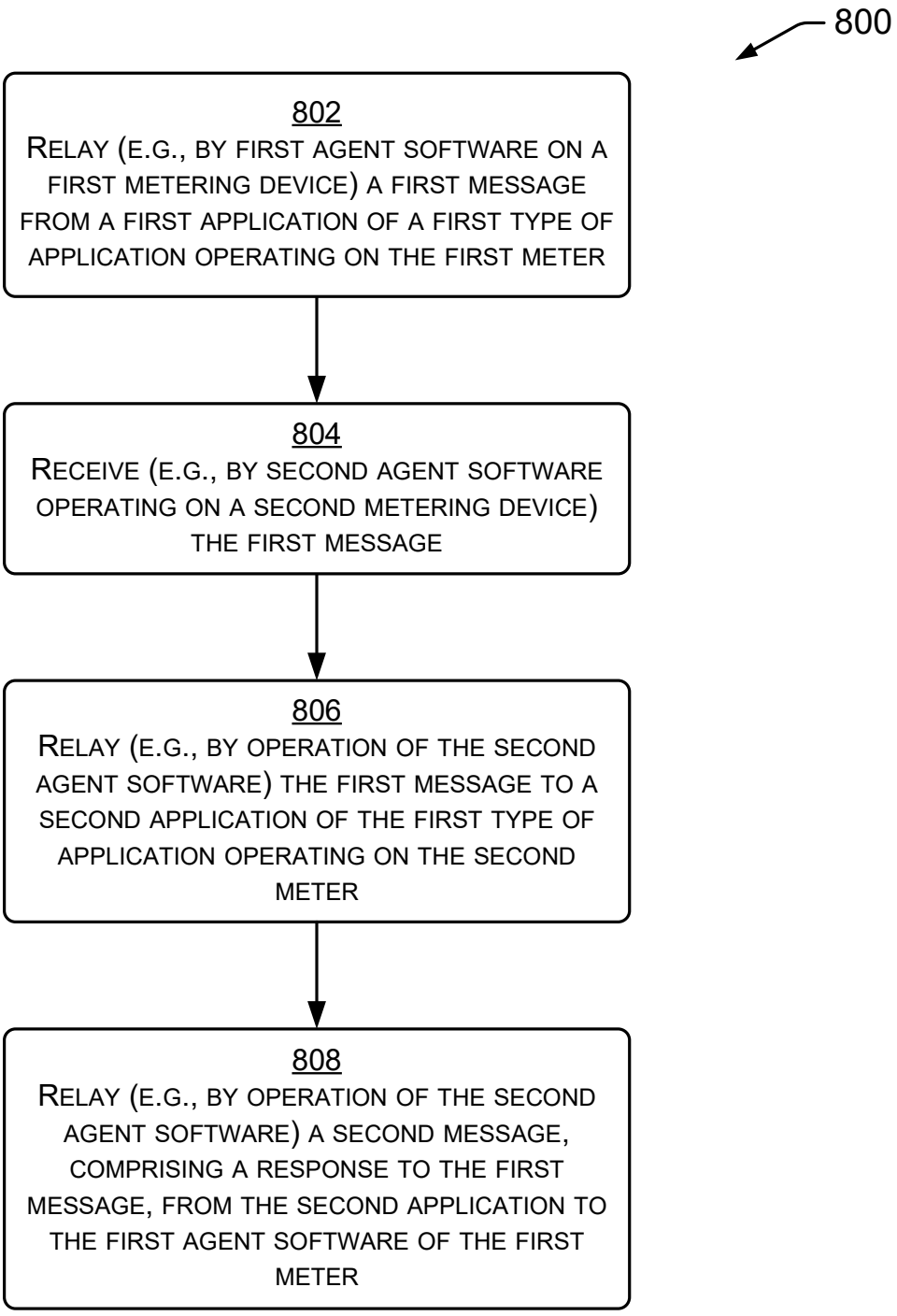

800
802
RELAY (E.G., BY FIRST AGENT SOFTWARE ON A FIRST METERING DEVICE) A FIRST MESSAGE FROM A FIRST APPLICATION OF A FIRST TYPE OF APPLICATION OPERATING ON THE FIRST METER
804
RECEIVE (E.G., BY SECOND AGENT SOFTWARE OPERATING ON A SECOND METERING DEVICE) THE FIRST MESSAGE
806
RELAY (E.G., BY OPERATION OF THE SECOND AGENT SOFTWARE) THE FIRST MESSAGE TO A SECOND APPLICATION OF THE FIRST TYPE OF APPLICATION OPERATING ON THE SECOND METER
808
RELAY (E.G., BY OPERATION OF THE SECOND AGENT SOFTWARE) A SECOND MESSAGE, COMPRISING A RESPONSE TO THE FIRST MESSAGE, FROM THE SECOND APPLICATION TO THE FIRST AGENT SOFTWARE OF THE FIRST METER

FIG. 8

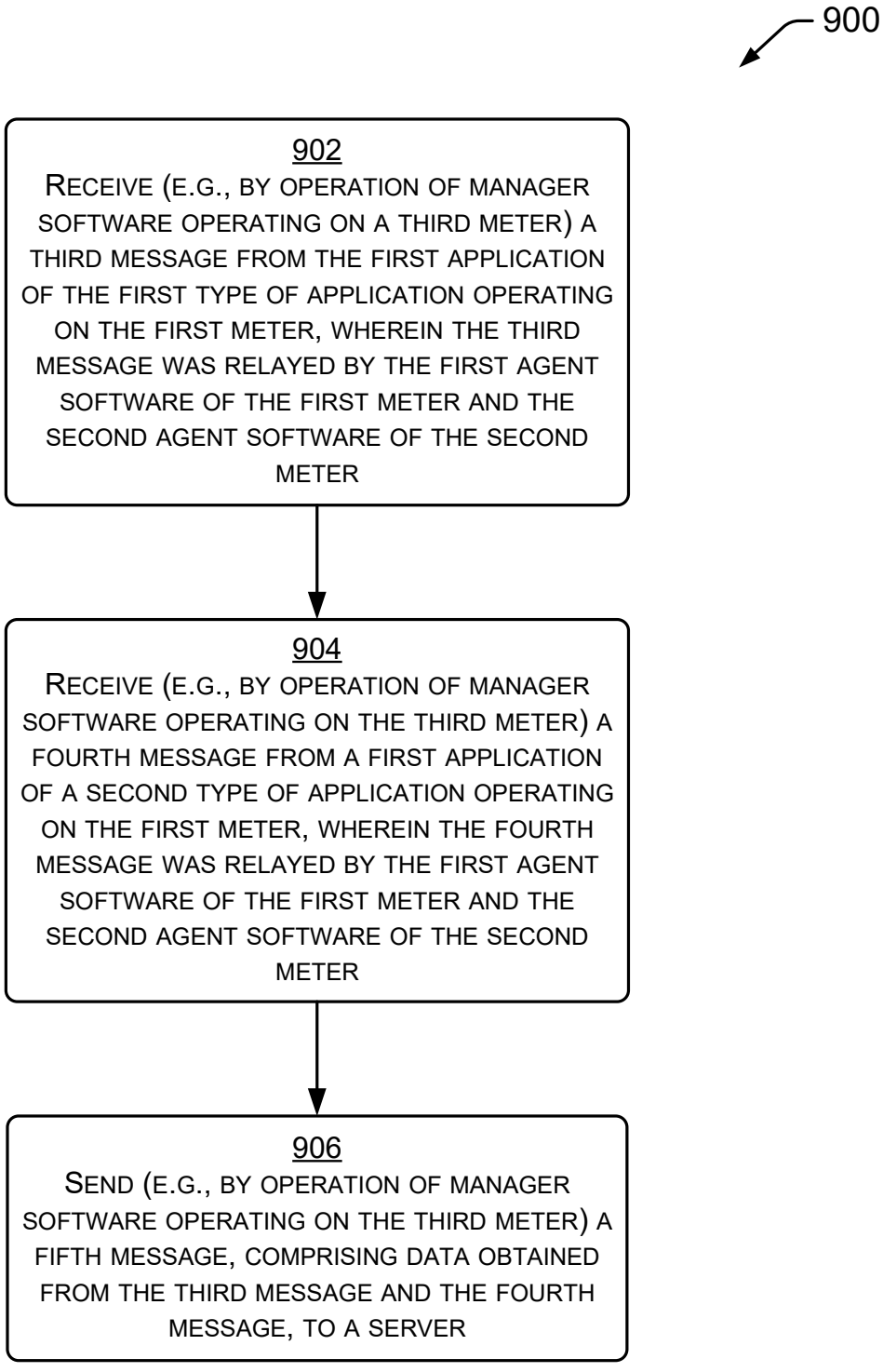

900
902
RECEIVE (E.G., BY OPERATION OF MANAGER SOFTWARE OPERATING ON A THIRD METER) A THIRD MESSAGE FROM THE FIRST APPLICATION OF THE FIRST TYPE OF APPLICATION OPERATING ON THE FIRST METER, WHEREIN THE THIRD MESSAGE WAS RELAYED BY THE FIRST AGENT SOFTWARE OF THE FIRST METER AND THE SECOND AGENT SOFTWARE OF THE SECOND METER
904
RECEIVE (E.G., BY OPERATION OF MANAGER SOFTWARE OPERATING ON THE THIRD METER) A FOURTH MESSAGE FROM A FIRST APPLICATION OF A SECOND TYPE OF APPLICATION OPERATING ON THE FIRST METER, WHEREIN THE FOURTH MESSAGE WAS RELAYED BY THE FIRST AGENT SOFTWARE OF THE FIRST METER AND THE SECOND AGENT SOFTWARE OF THE SECOND METER
906
SEND (E.G., BY OPERATION OF MANAGER SOFTWARE OPERATING ON THE THIRD METER) A FIFTH MESSAGE, COMPRISING DATA OBTAINED FROM THE THIRD MESSAGE AND THE FOURTH MESSAGE, TO A SERVER

FIG. 9

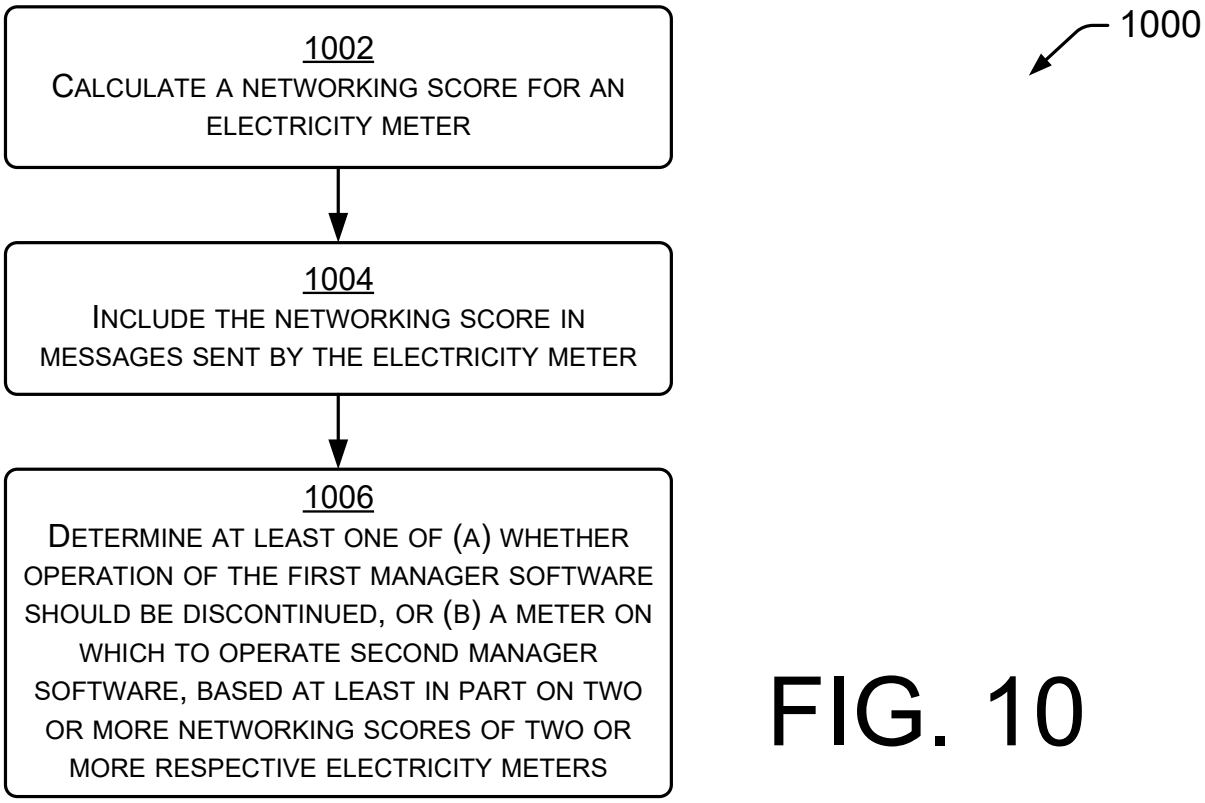

1000
1002
CALCULATE A NETWORKING SCORE FOR AN ELECTRICITY METER
1004
INCLUDE THE NETWORKING SCORE IN MESSAGES SENT BY THE ELECTRICITY METER
1006
DETERMINE AT LEAST ONE OF (A) WHETHER OPERATION OF THE FIRST MANAGER SOFTWARE SHOULD BE DISCONTINUED, OR (B) A METER ON WHICH TO OPERATE SECOND MANAGER SOFTWARE, BASED AT LEAST IN PART ON TWO OR MORE NETWORKING SCORES OF TWO OR MORE RESPECTIVE ELECTRICITY METERS

FIG. 10

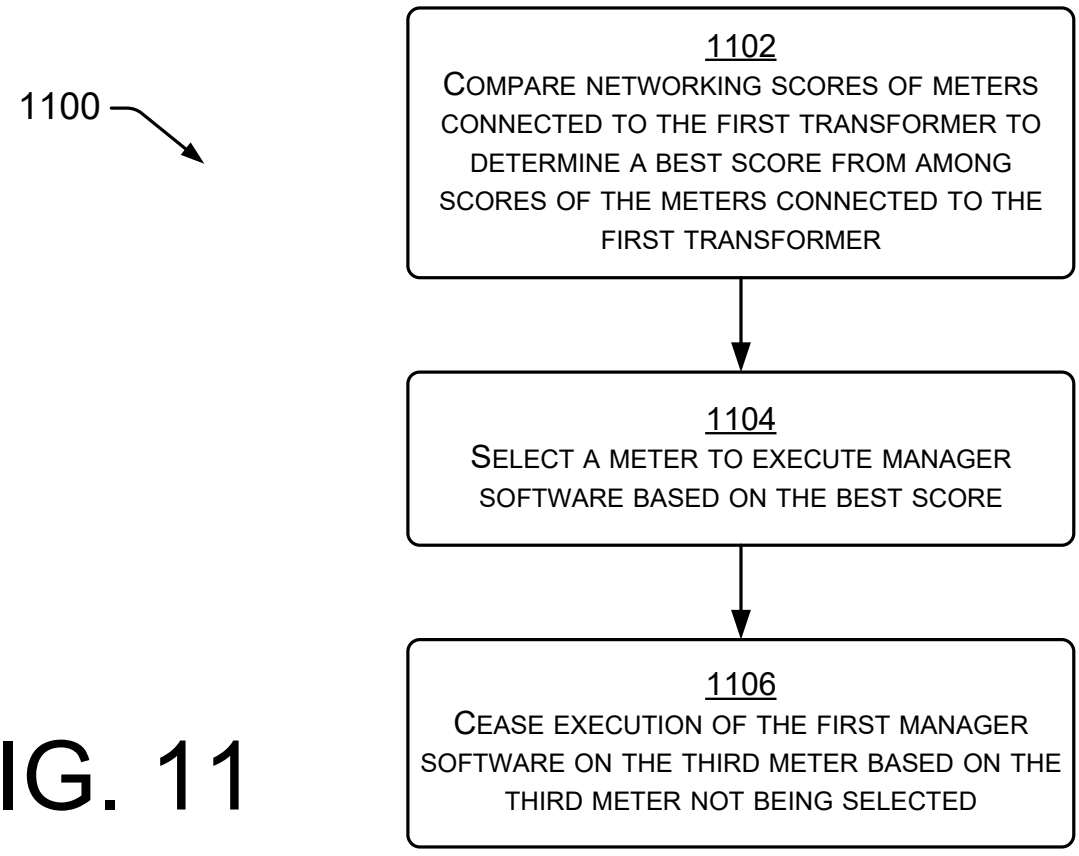

1100
1102
COMPARE NETWORKING SCORES OF METERS CONNECTED TO THE FIRST TRANSFORMER TO DETERMINE A BEST SCORE FROM AMONG SCORES OF THE METERS CONNECTED TO THE FIRST TRANSFORMER
1104
SELECT A METER TO EXECUTE MANAGER SOFTWARE BASED ON THE BEST SCORE
1106
CEASE EXECUTION OF THE FIRST MANAGER SOFTWARE ON THE THIRD METER BASED ON THE THIRD METER NOT BEING SELECTED

FIG. 11

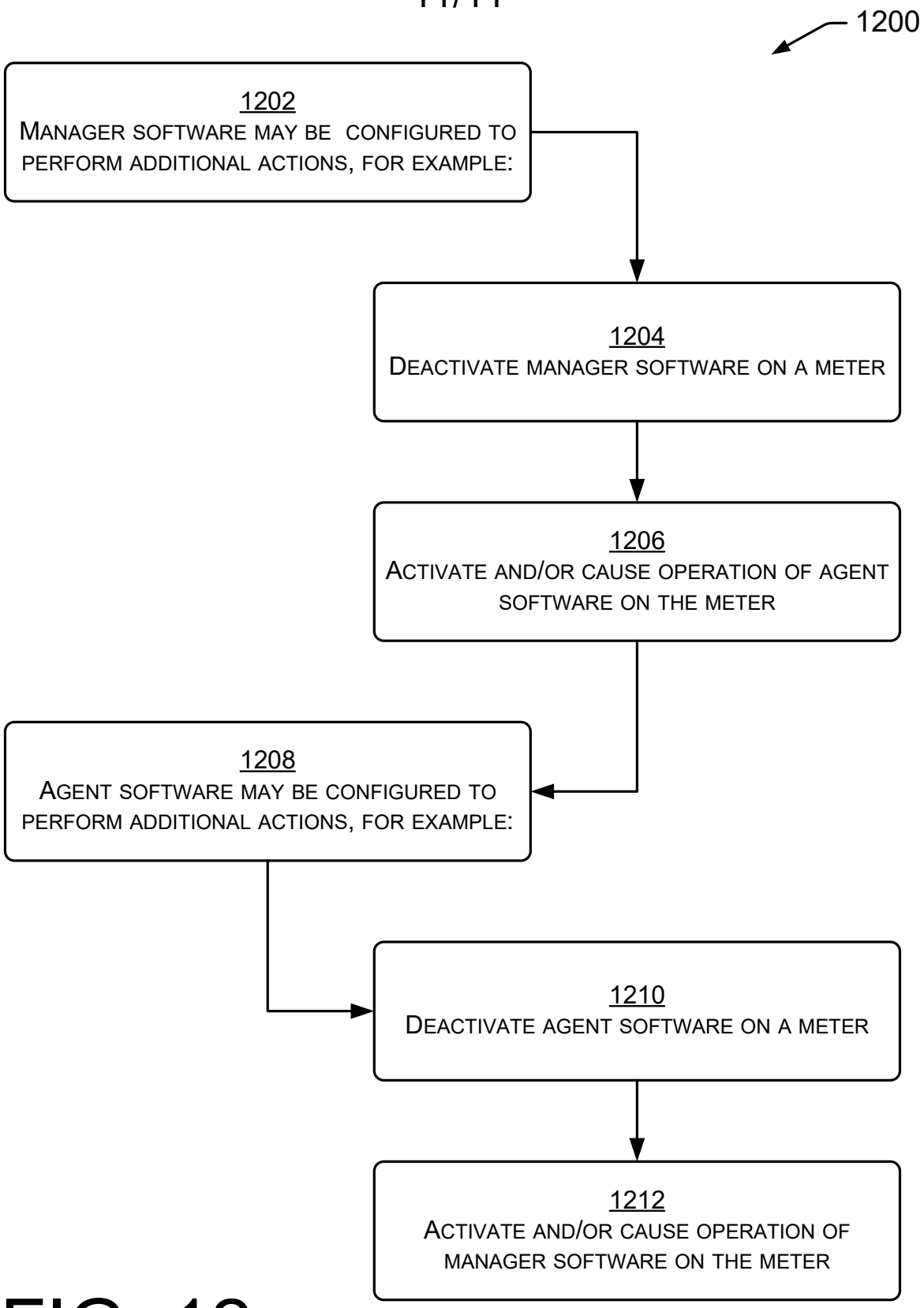

1200
1202
MANAGER SOFTWARE MAY BE CONFIGURED TO PERFORM ADDITIONAL ACTIONS, FOR EXAMPLE:
1204
DEACTIVATE MANAGER SOFTWARE ON A METER
1206
ACTIVATE AND/OR CAUSE OPERATION OF AGENT SOFTWARE ON THE METER
1208
AGENT SOFTWARE MAY BE CONFIGURED TO PERFORM ADDITIONAL ACTIONS, FOR EXAMPLE:
1210
DEACTIVATE AGENT SOFTWARE ON A METER
1212
ACTIVATE AND/OR CAUSE OPERATION OF MANAGER SOFTWARE ON THE METER

FIG. 12