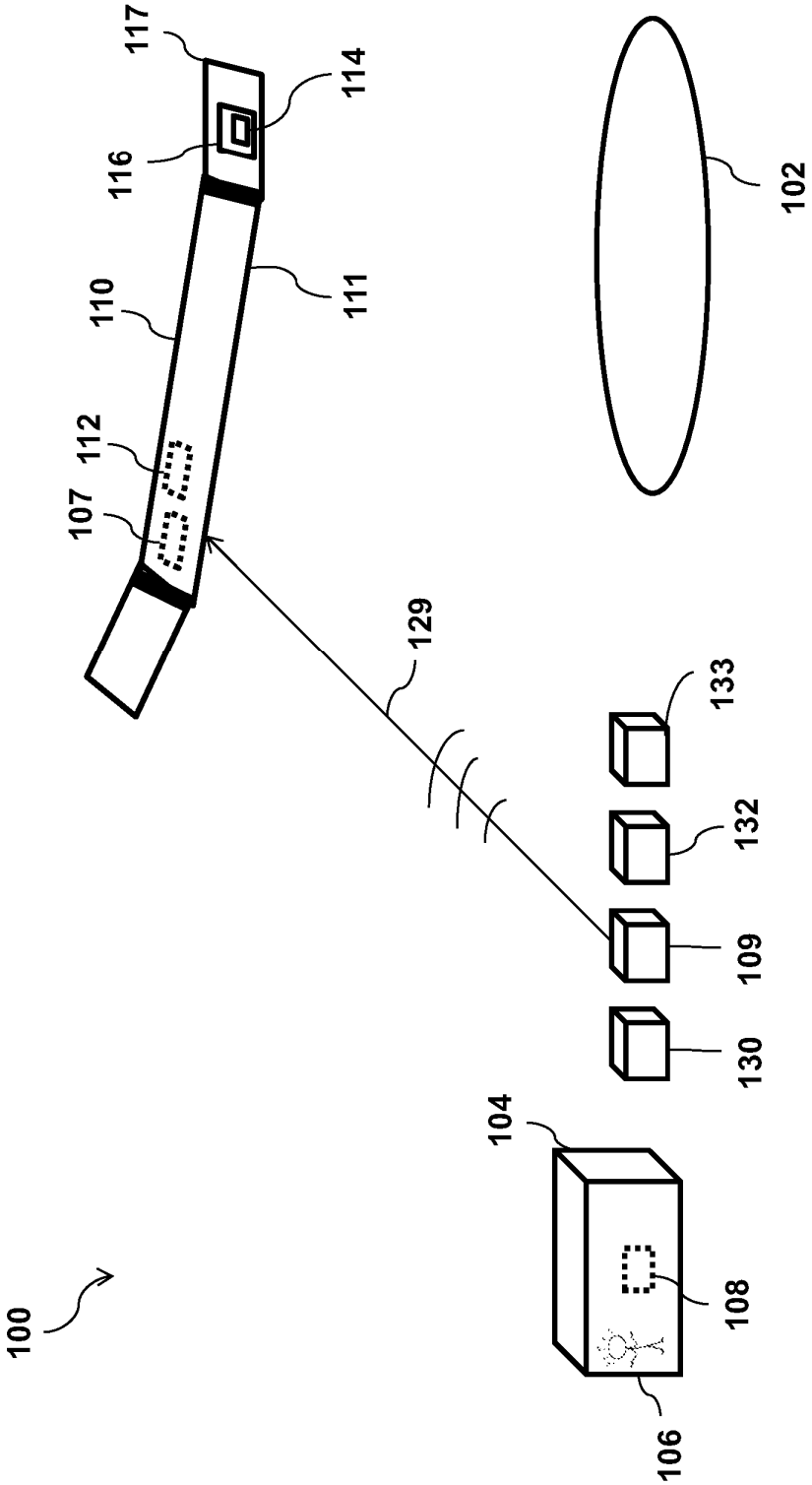

117
114
116
102
110
111
112
107
129
133
132
109
130
104
108
106
100

FIG. 1

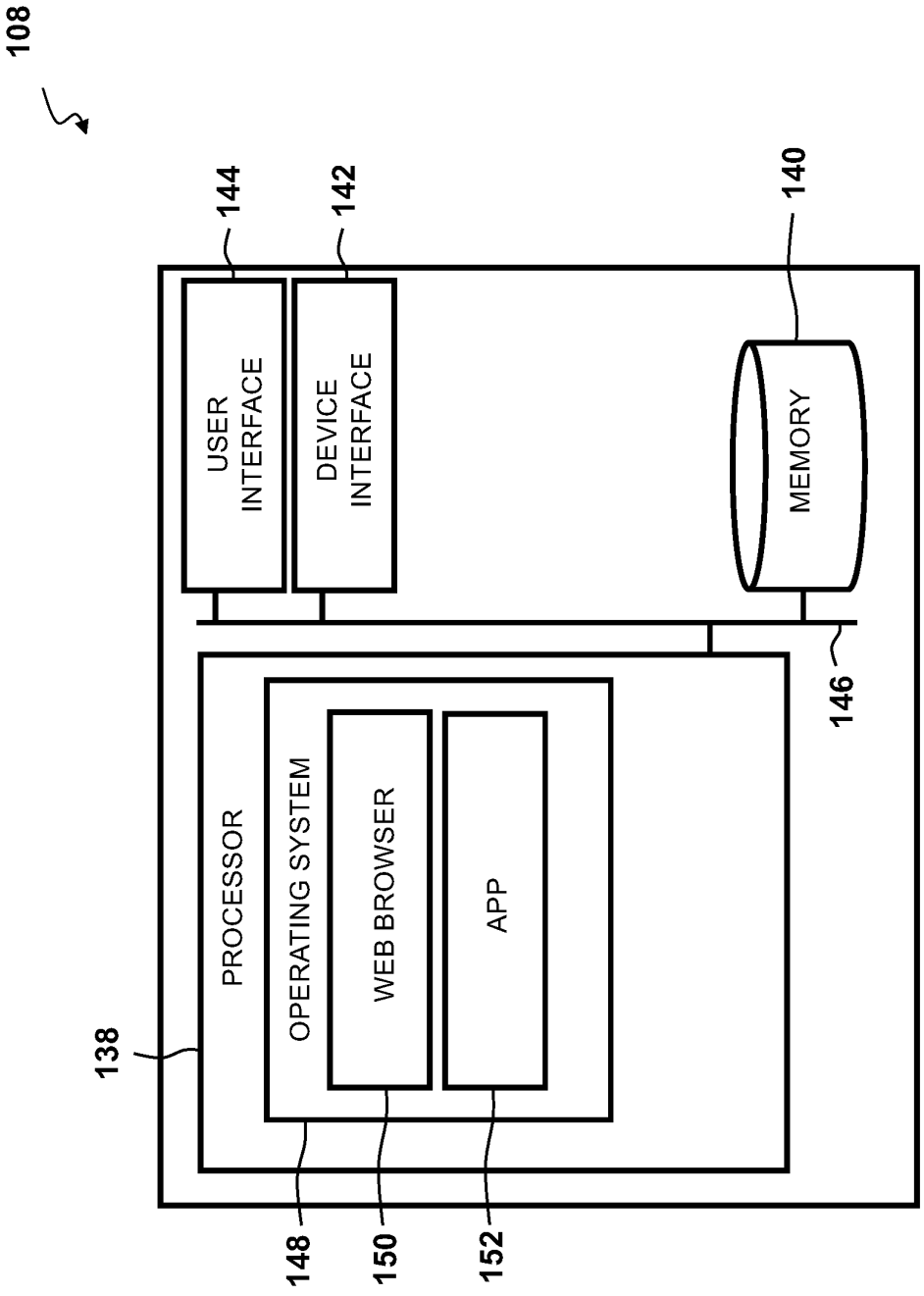

108
144
142
140
USER INTERFACE
DEVICE INTERFACE
MEMORY
146
PROCESSOR
OPERATING SYSTEM
WEB BROWSER
APP
138
148
150
152

FIG. 2

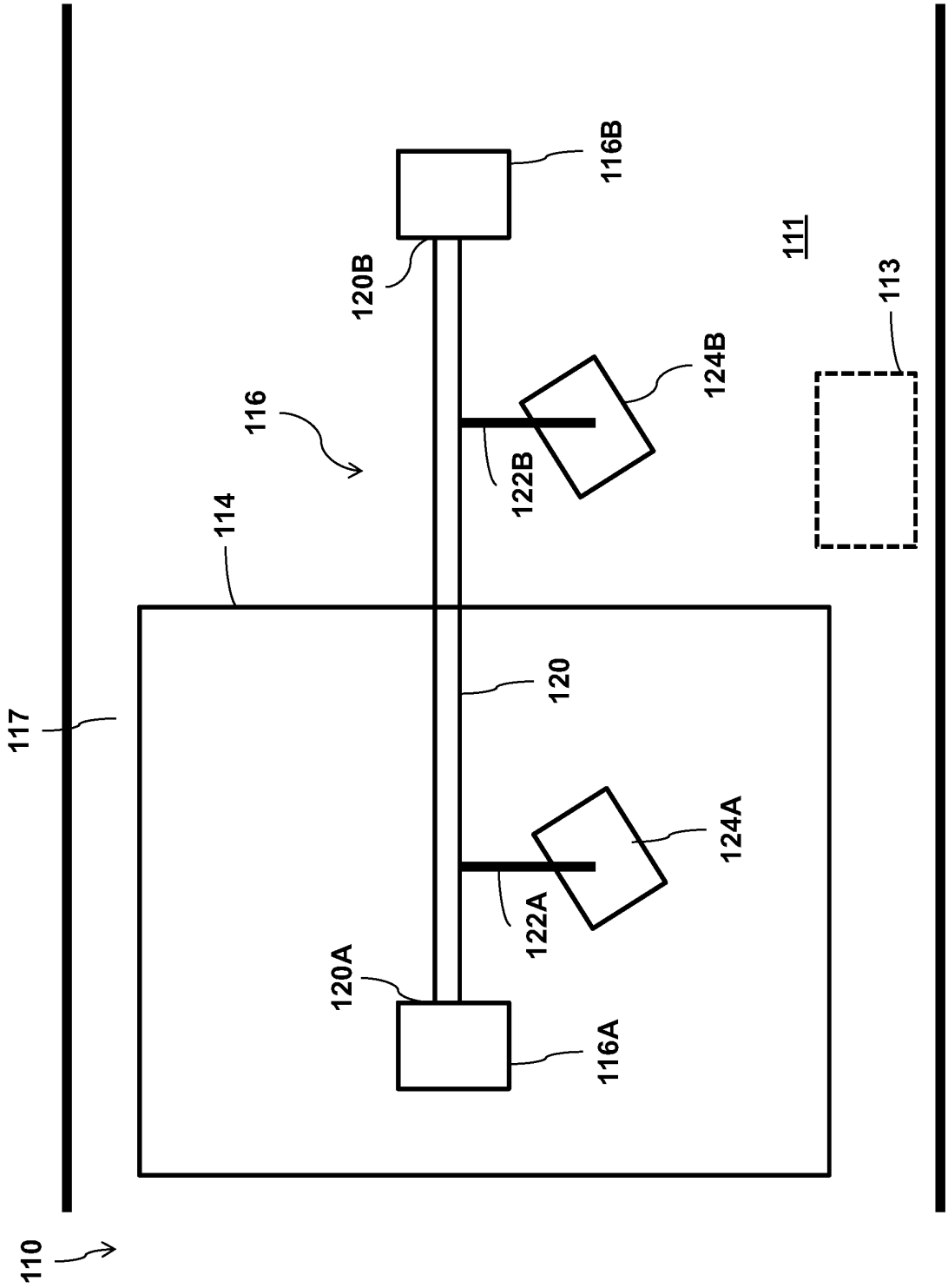

116B
120B
111
113
124B
116
122B
114
120
117
124A
122A
120A
116A
110

FIG. 3

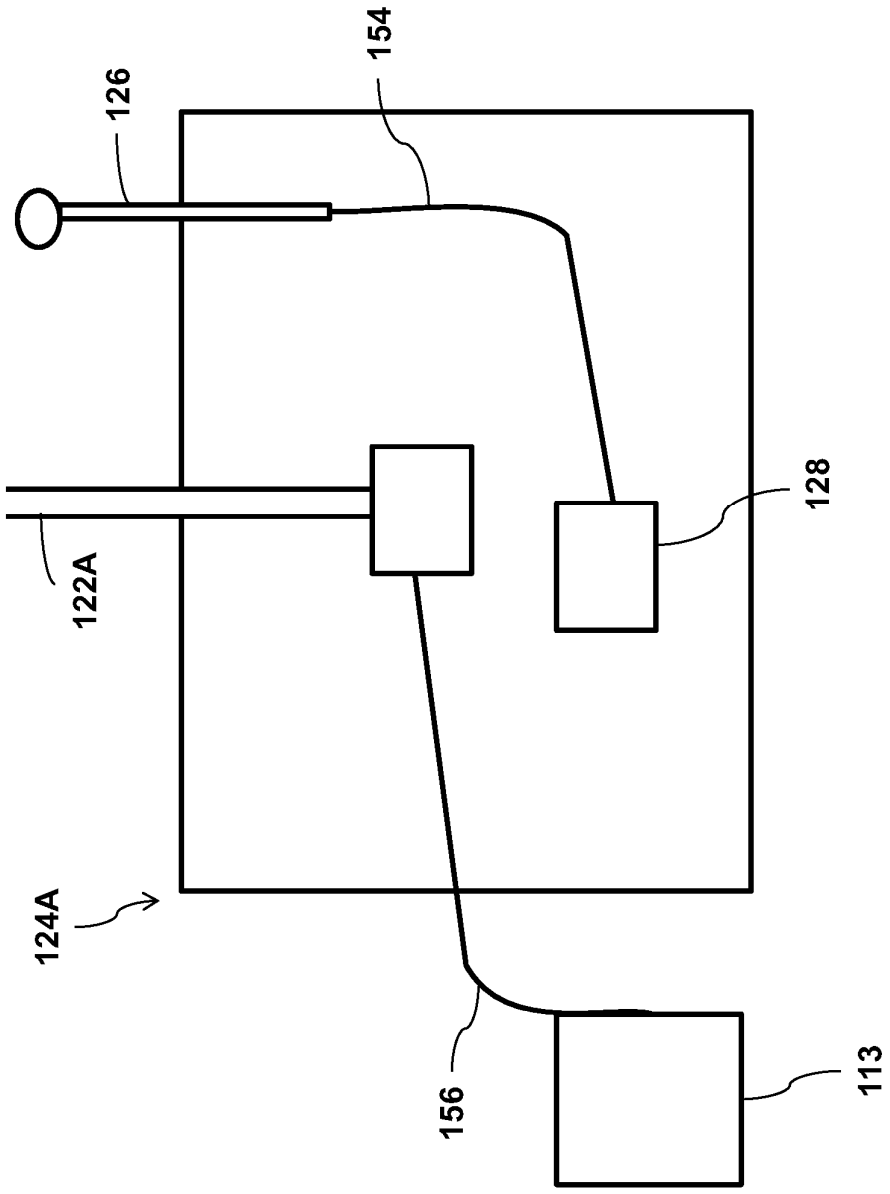


FIG. 4

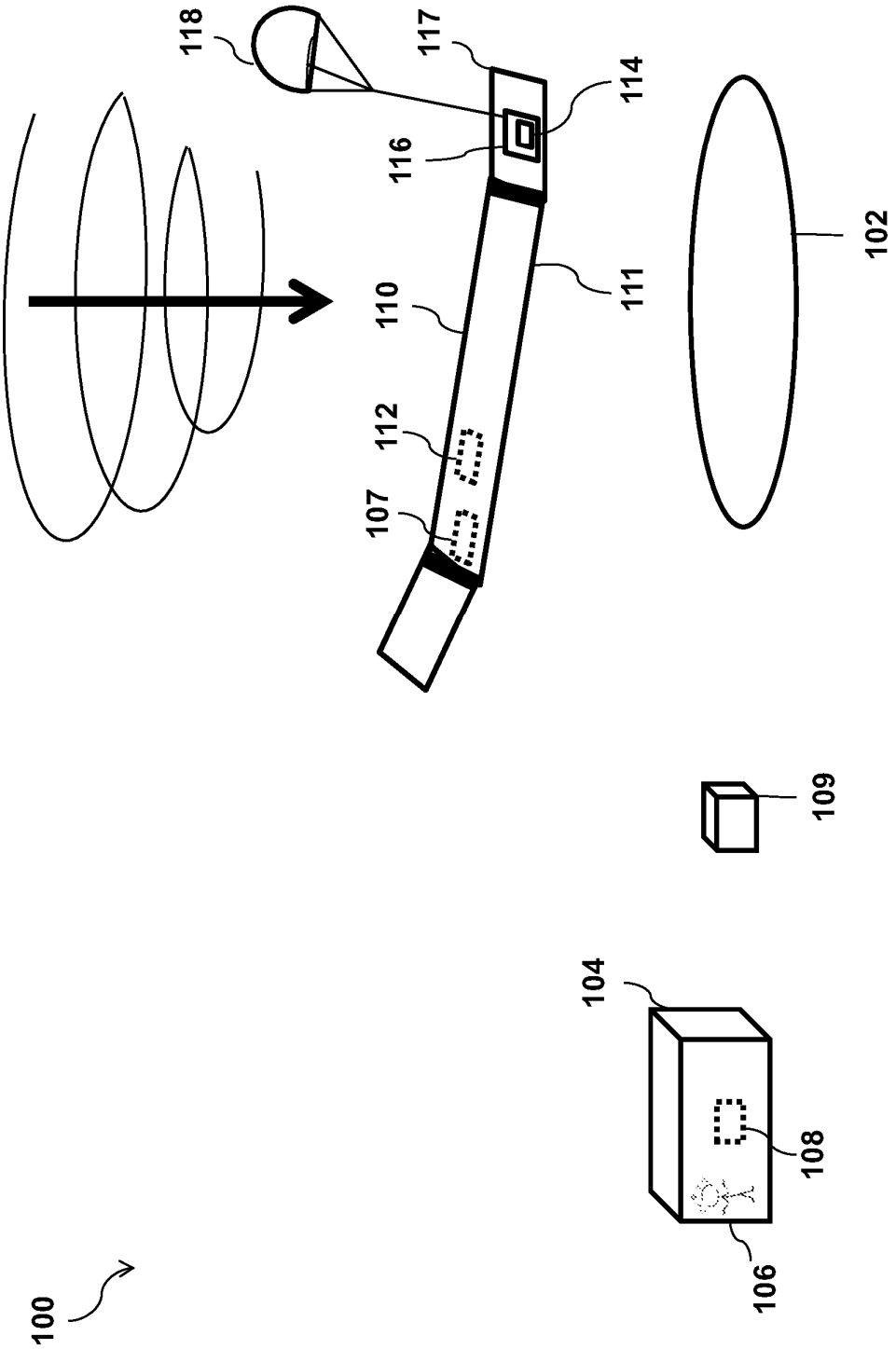


FIG. 5

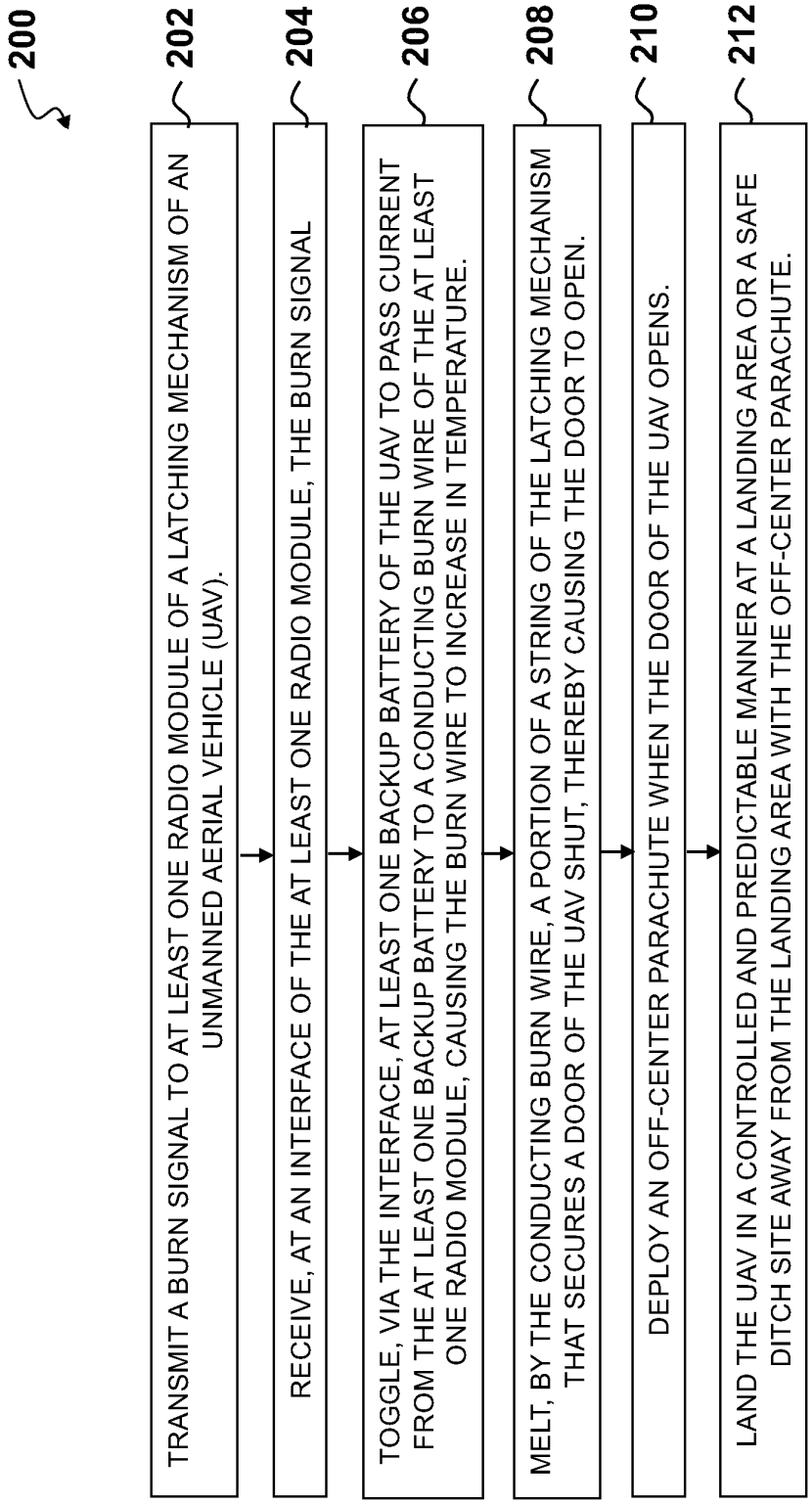

200
202
TRANSMIT A BURN SIGNAL TO AT LEAST ONE RADIO MODULE OF A LATCHING MECHANISM OF AN UNMANNED AERIAL VEHICLE (UAV).
204
RECEIVE, AT AN INTERFACE OF THE AT LEAST ONE RADIO MODULE, THE BURN SIGNAL
206
TOGGLE, VIA THE INTERFACE, AT LEAST ONE BACKUP BATTERY OF THE UAV TO PASS CURRENT FROM THE AT LEAST ONE BACKUP BATTERY TO A CONDUCTING BURN WIRE OF THE AT LEAST ONE RADIO MODULE, CAUSING THE BURN WIRE TO INCREASE IN TEMPERATURE.
208
MELT, BY THE CONDUCTING BURN WIRE, A PORTION OF A STRING OF THE LATCHING MECHANISM THAT SECURES A DOOR OF THE UAV SHUT, THEREBY CAUSING THE DOOR TO OPEN.
210
DEPLOY AN OFF-CENTER PARACHUTE WHEN THE DOOR OF THE UAV OPENS.
212
LAND THE UAV IN A CONTROLLED AND PREDICTABLE MANNER AT A LANDING AREA OR A SAFE DITCH SITE AWAY FROM THE LANDING AREA WITH THE OFF-CENTER PARACHUTE.

FIG. 6

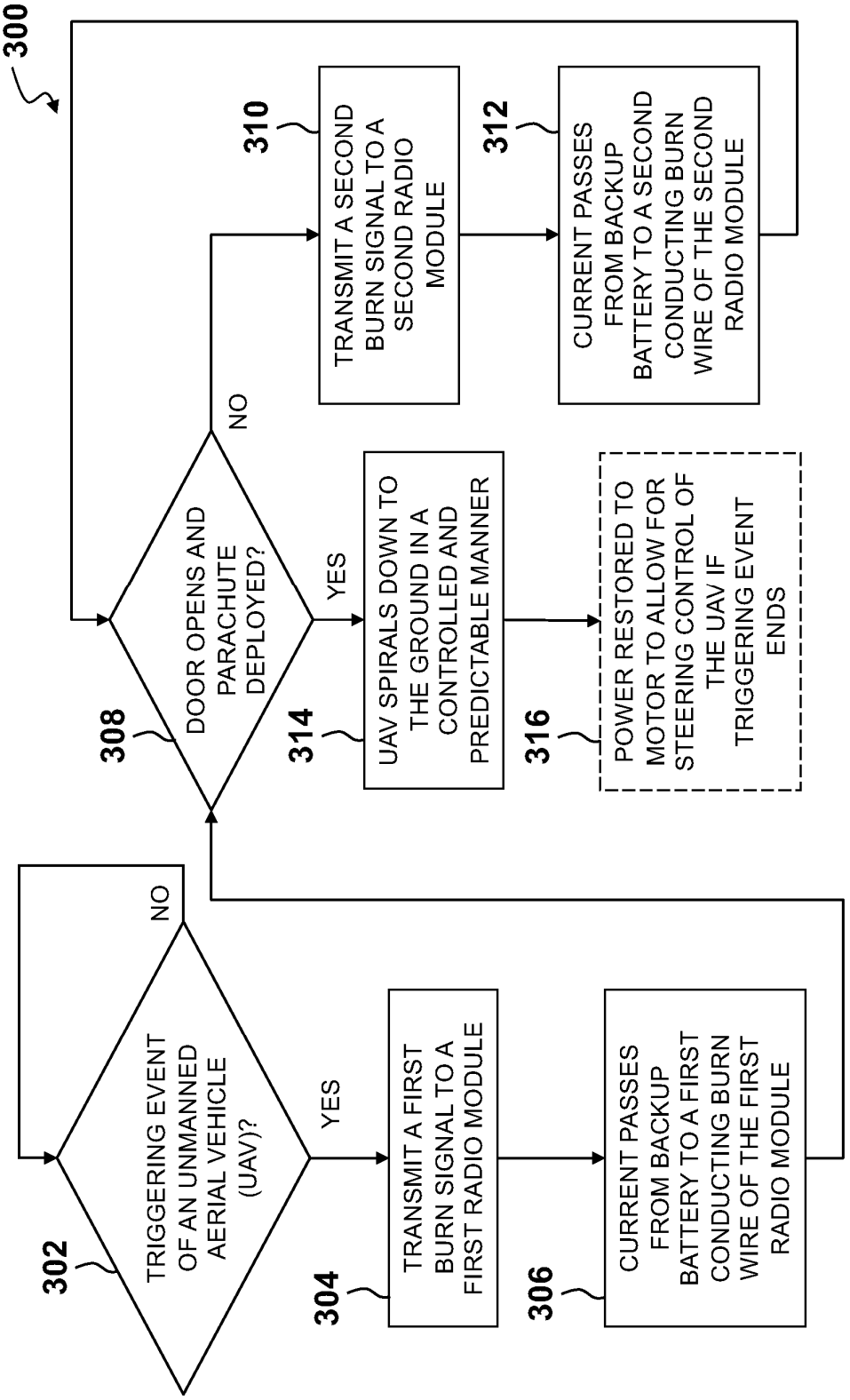

300
302
TRIGGERING EVENT OF AN UNMANNED AERIAL VEHICLE (UAV)?
NO
YES
304
TRANSMIT A FIRST BURN SIGNAL TO A FIRST RADIO MODULE
306
CURRENT PASSES FROM BACKUP BATTERY TO A FIRST CONDUCTING BURN WIRE OF THE FIRST RADIO MODULE
308
DOOR OPENS AND PARACHUTE DEPLOYED?
NO
YES
310
TRANSMIT A SECOND BURN SIGNAL TO A SECOND RADIO MODULE
312
CURRENT PASSES FROM BACKUP BATTERY TO A SECOND CONDUCTING BURN WIRE OF THE SECOND RADIO MODULE
314
UAV SPIRALS DOWN TO THE GROUND IN A CONTROLLED AND PREDICTABLE MANNER
316
POWER RESTORED TO MOTOR TO ALLOW FOR STEERING CONTROL OF THE UAV IF TRIGGERING EVENT ENDS

FIG. 7

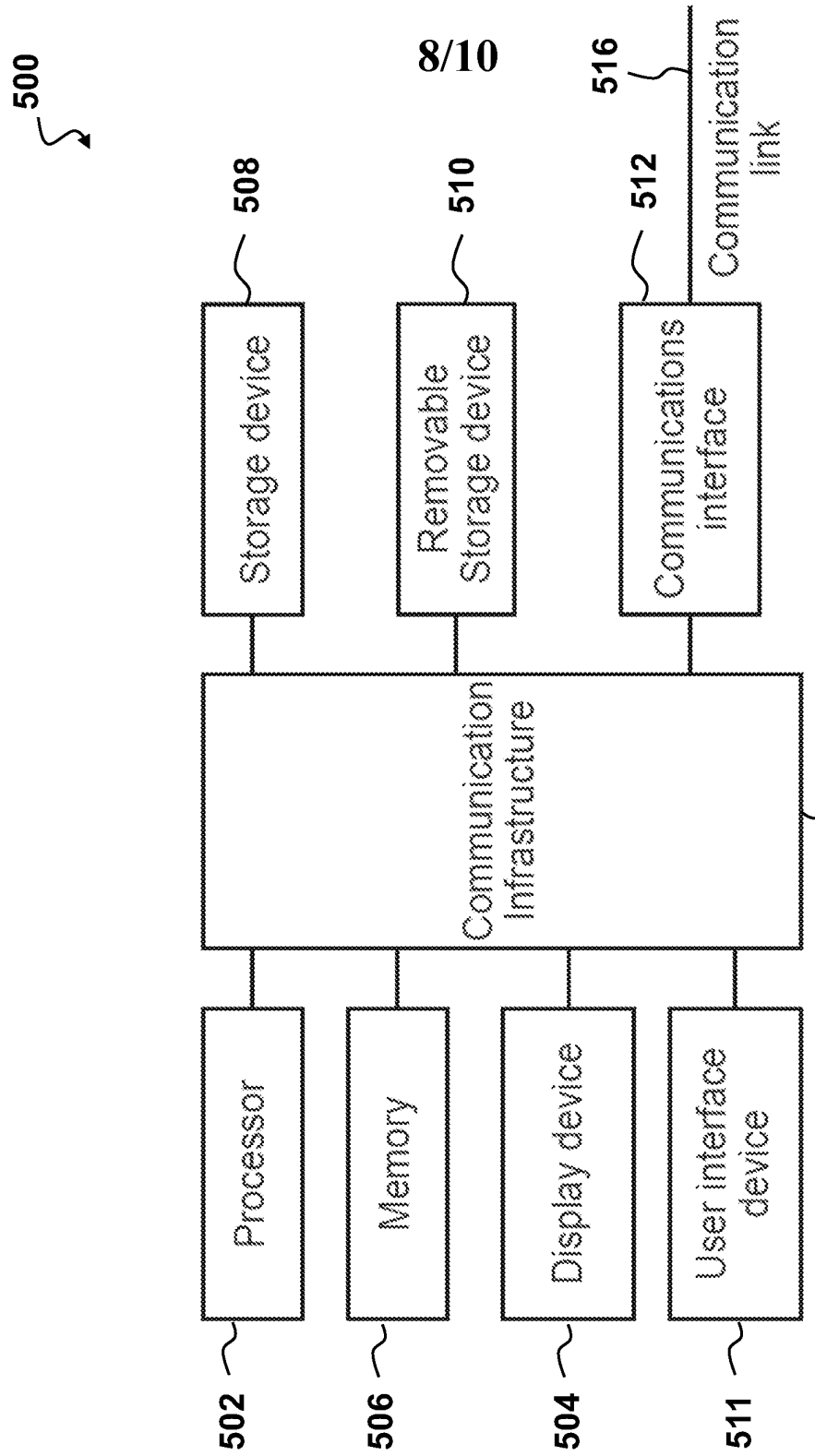

500
508
510
512
516
Storage device
Removable Storage device
Communications interface
Communication link
Communication Infrastructure
514
Processor
Memory
Display device
User interface device
502
506
504
511

FIG. 8

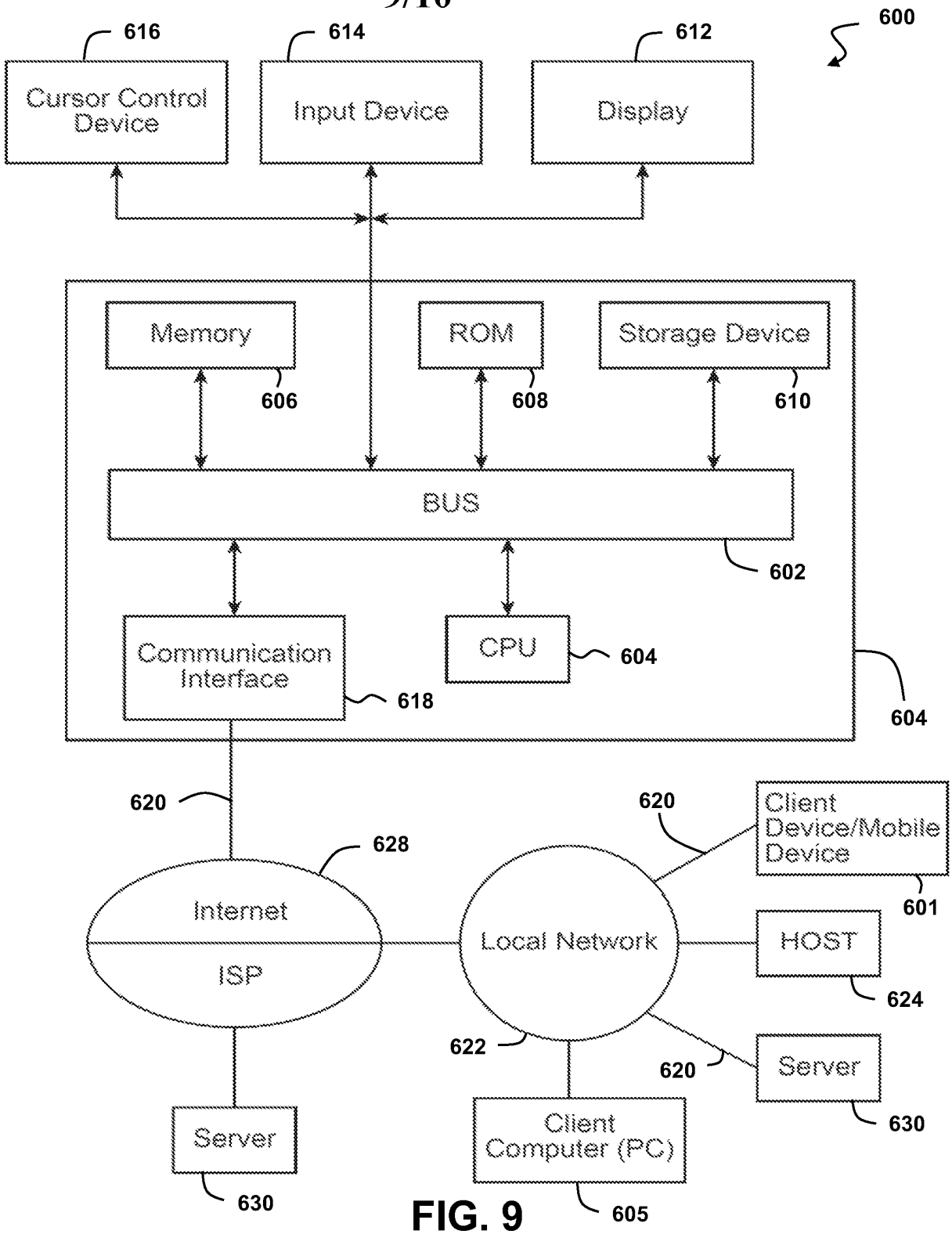

600
616
Cursor Control Device
614
Input Device
612
Display
Memory
606
ROM
608
Storage Device
610
BUS
602
Communication Interface
618
CPU
604
604
620
628
Internet
ISP
620
Client Device/Mobile Device
601
Local Network
HOST
624
622
620
Server
630
Server
630
Client Computer (PC)
605

FIG. 9

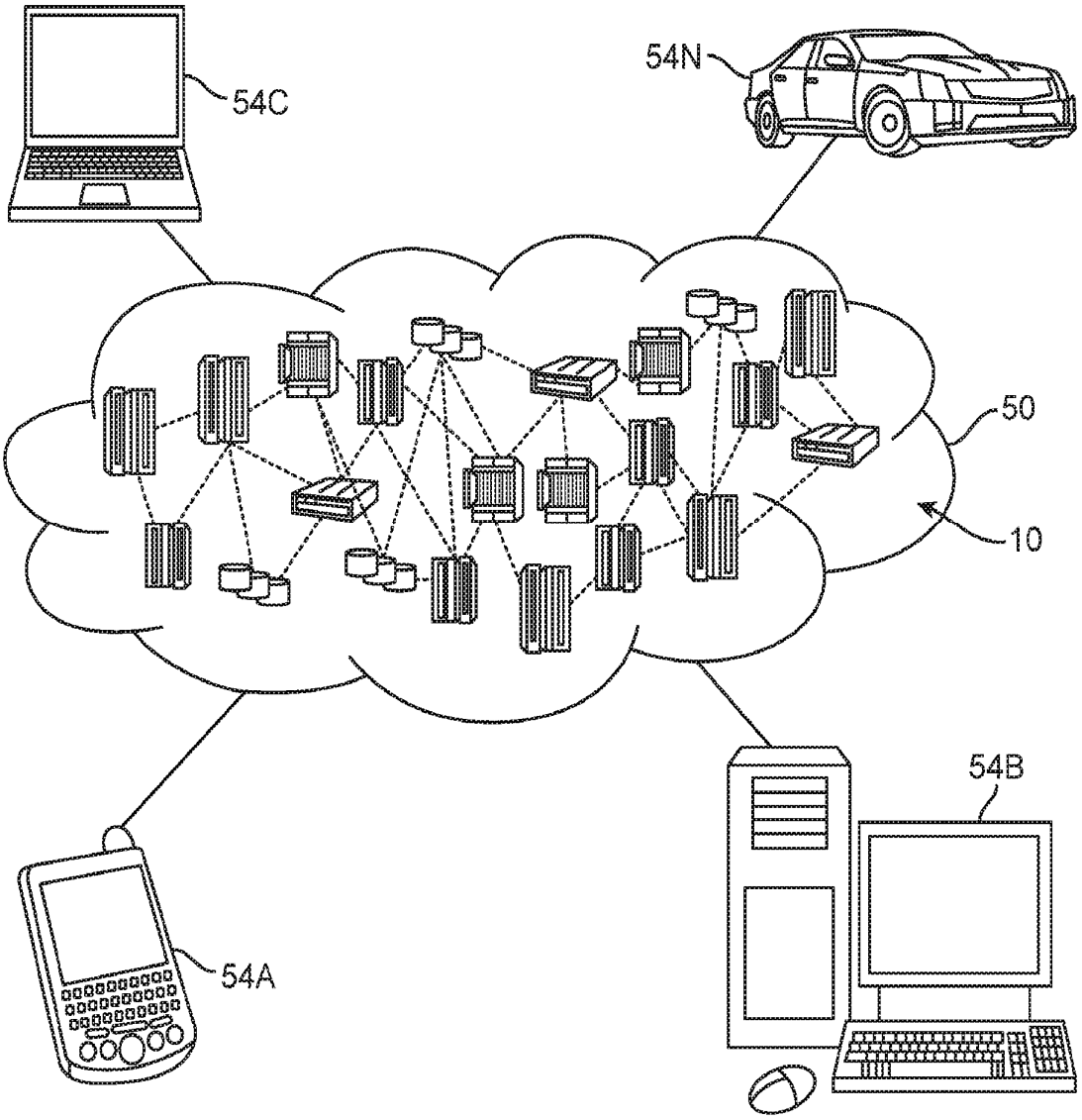


FIG. 10