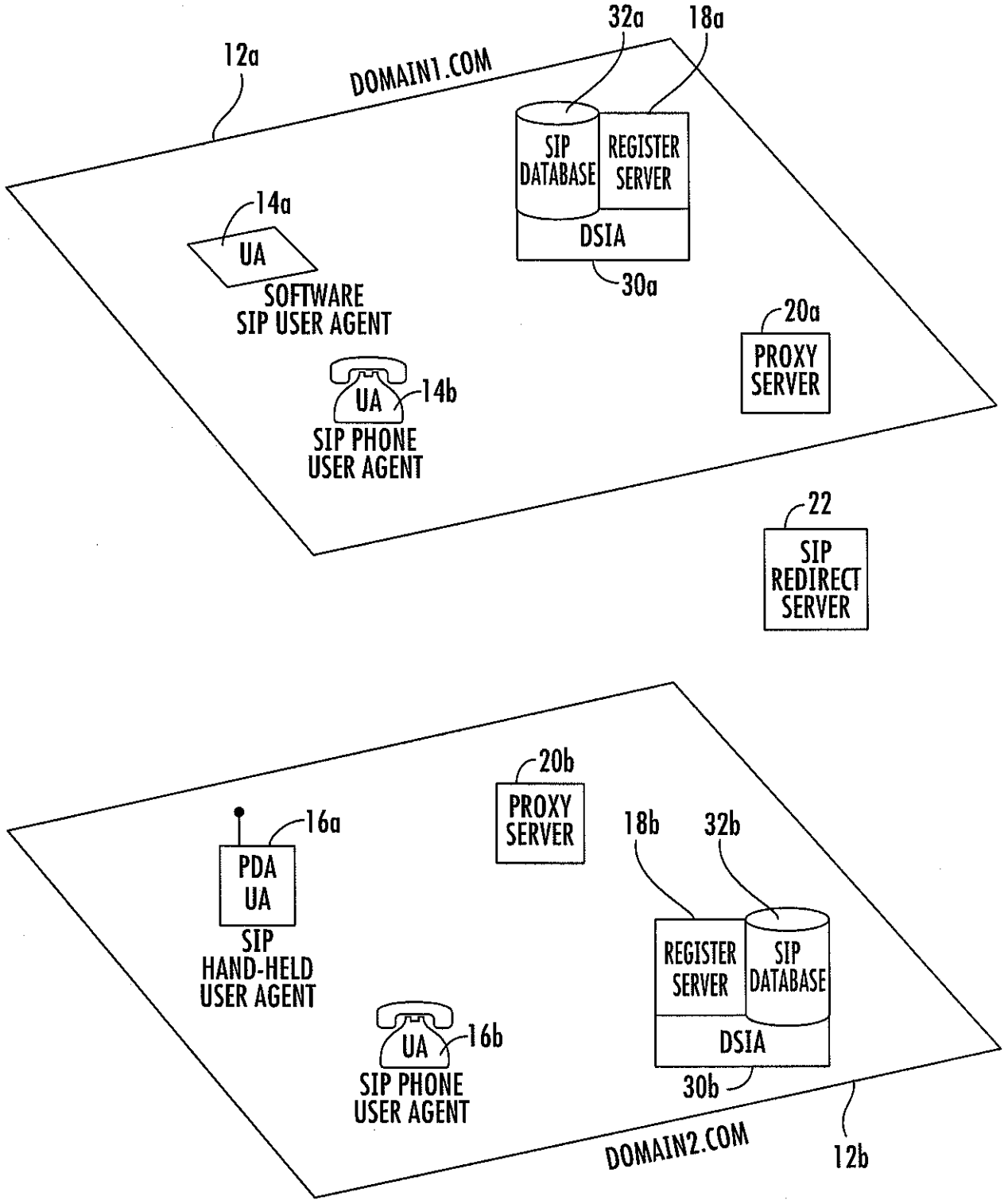

12a
DOMAIN1.COM
32a
18a
SIP DATABASE
REGISTER SERVER
DSIA
30a
14a
UA
SOFTWARE SIP USER AGENT
UA
14b
SIP PHONE USER AGENT
20a
PROXY SERVER
22
SIP REDIRECT SERVER
20b
PROXY SERVER
16a
PDA UA
SIP HAND-HELD USER AGENT
18b
32b
REGISTER SERVER
SIP DATABASE
DSIA
30b
UA
16b
SIP PHONE USER AGENT
DOMAIN2.COM
12b

FIG. 1

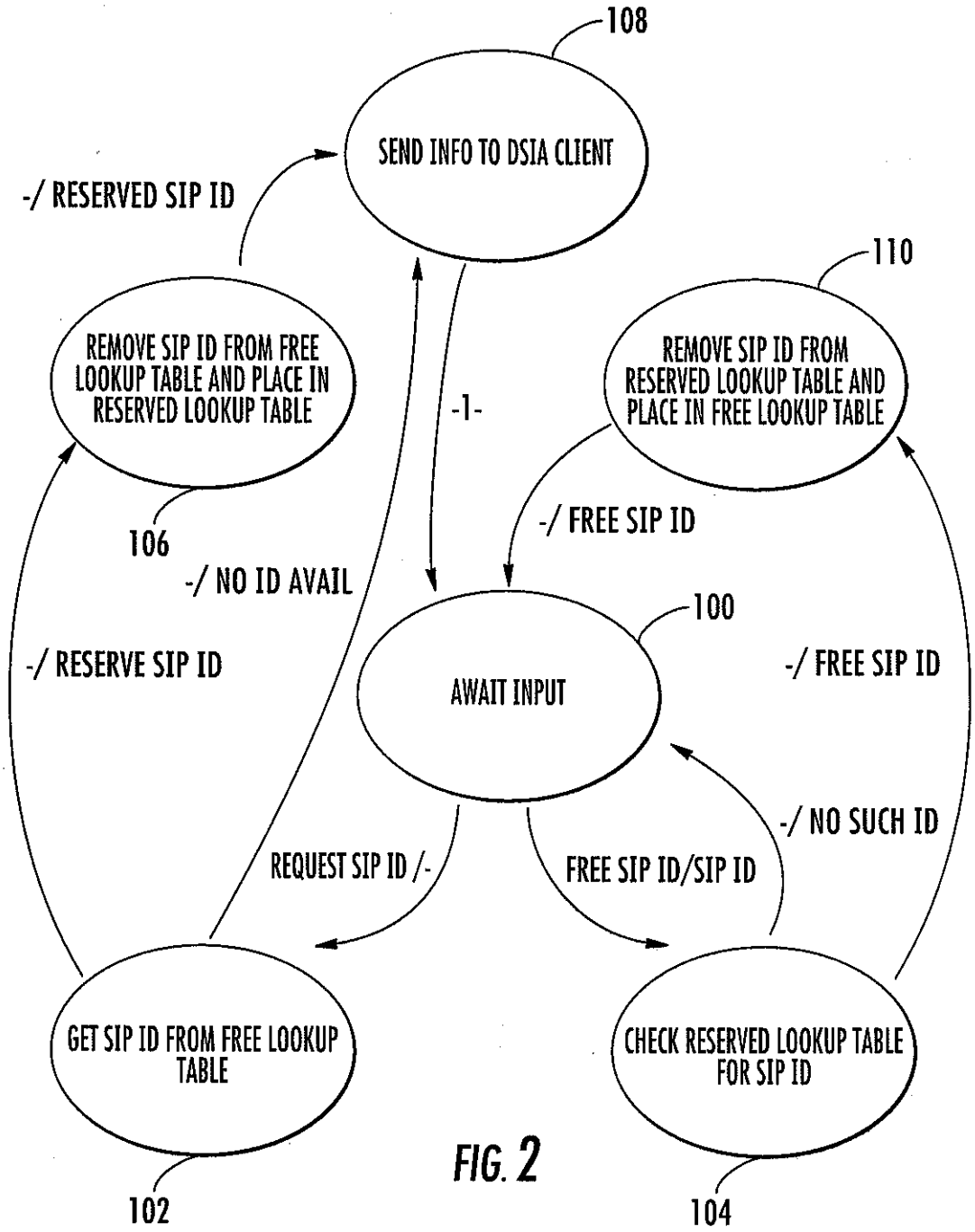

108
SEND INFO TO DSIA CLIENT
-/ RESERVED SIP ID
REMOVE SIP ID FROM FREE LOOKUP TABLE AND PLACE IN RESERVED LOOKUP TABLE
106
-1-
110
REMOVE SIP ID FROM RESERVED LOOKUP TABLE AND PLACE IN FREE LOOKUP TABLE
-/ FREE SIP ID
-/ NO ID AVAIL
-/ RESERVE SIP ID
100
AWAIT INPUT
-/ FREE SIP ID
-/ NO SUCH ID
REQUEST SIP ID /-
FREE SIP ID/SIP ID
GET SIP ID FROM FREE LOOKUP TABLE
CHECK RESERVED LOOKUP TABLE FOR SIP ID
102
104

FIG. 2

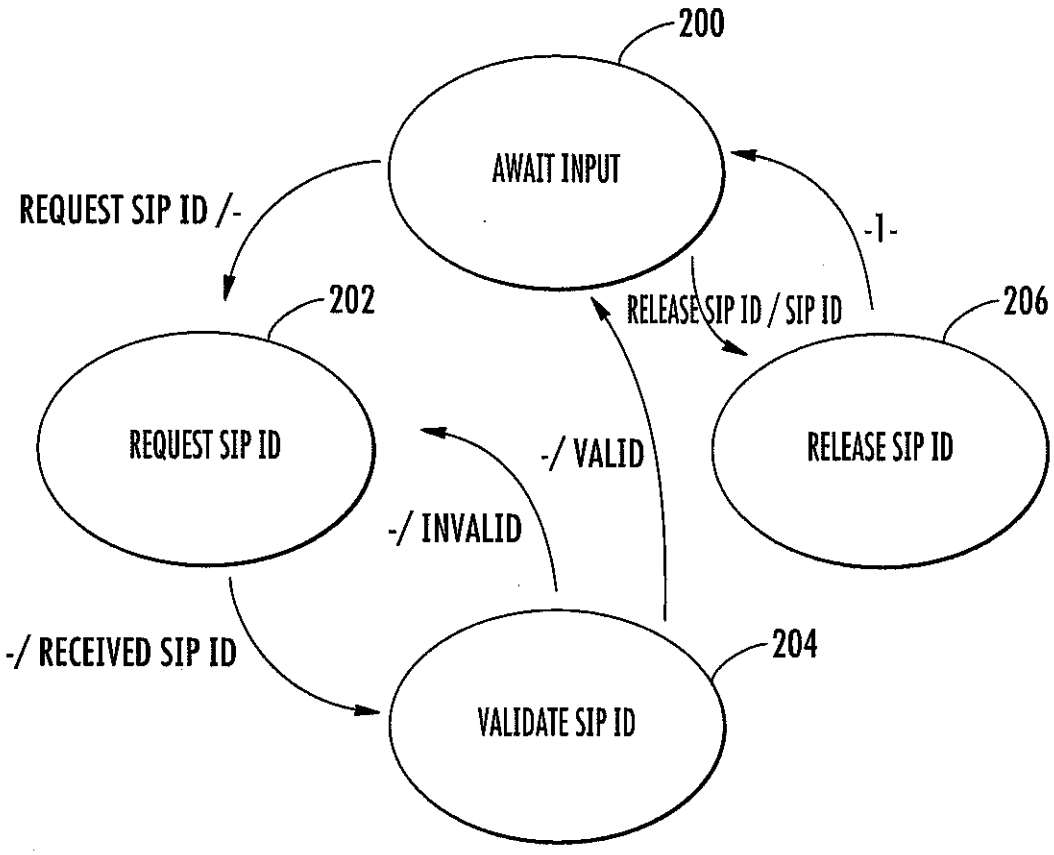

200
AWAIT INPUT
REQUEST SIP ID /-
-1-
RELEASE SIP ID / SIP ID
202
206
REQUEST SIP ID
RELEASE SIP ID
-/ VALID
-/ INVALID
-/ RECEIVED SIP ID
204
VALIDATE SIP ID

FIG. 3

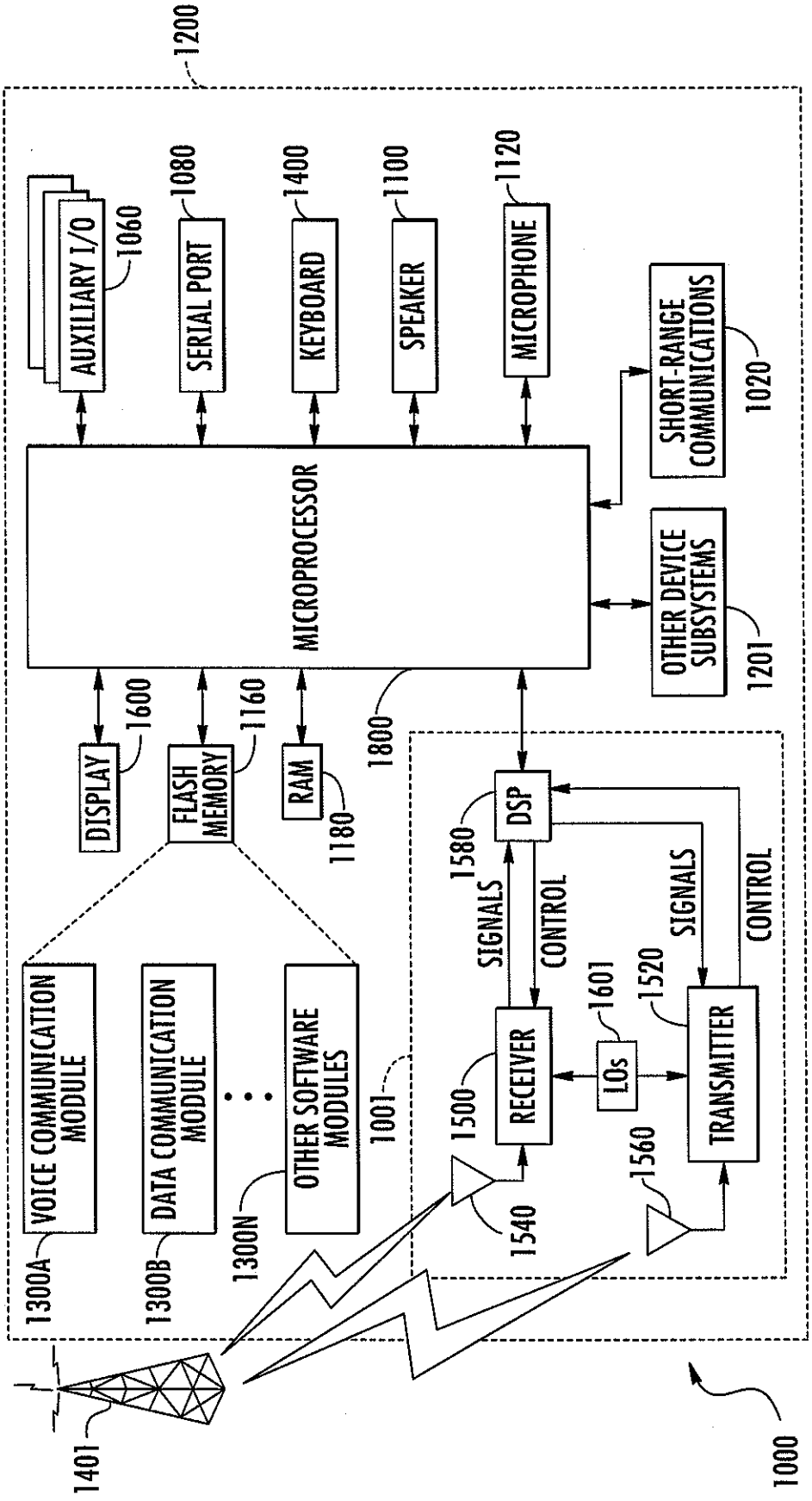

1200
AUXILIARY I/O
1060
SERIAL PORT
1080
KEYBOARD
1400
SPEAKER
1100
MICROPHONE
1120
SHORT-RANGE COMMUNICATIONS
1020
MICROPROCESSOR
OTHER DEVICE SUBSYSTEMS
1201
1800
DISPLAY
1600
FLASH MEMORY
1160
RAM
1180
VOICE COMMUNICATION MODULE
1300A
DATA COMMUNICATION MODULE
1300B
OTHER SOFTWARE MODULES
1300N
1001
DSP
1580
SIGNALS
CONTROL
RECEIVER
1500
LOs
1601
TRANSMITTER
1520
SIGNALS
CONTROL
1540
1560
1401
1000

FIG. 4