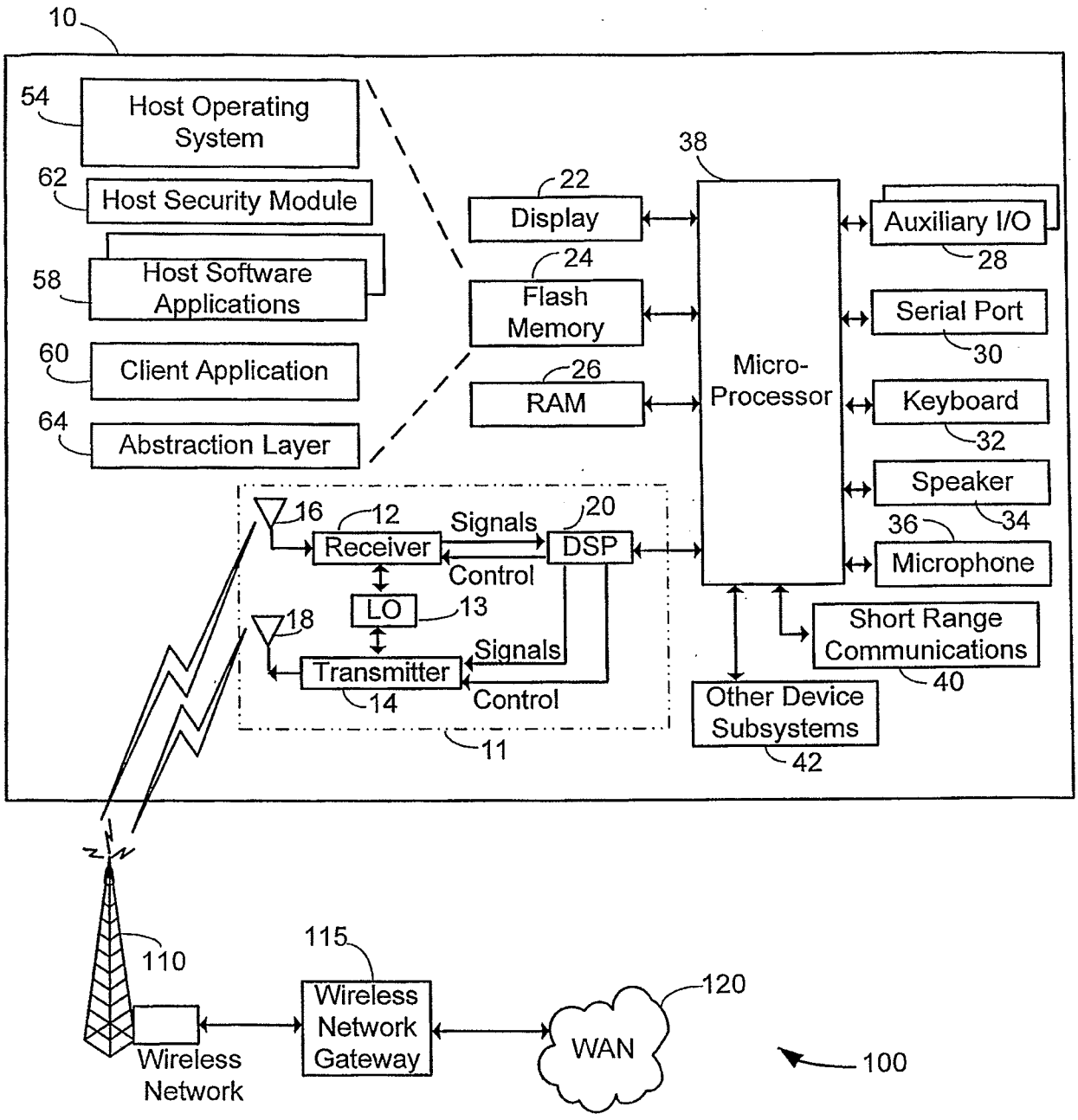

10
54
Host Operating System
62
Host Security Module
58
Host Software Applications
60
Client Application
64
Abstraction Layer
22
Display
24
Flash Memory
26
RAM
38
Micro-Processor
Auxiliary I/O
28
Serial Port
30
Keyboard
32
Speaker
34
36
Microphone
Short Range Communications
40
Other Device Subsystems
42
16
12
Receiver
Signals
20
DSP
Control
LO
13
18
Transmitter
14
Signals
Control
11
110
115
Wireless Network Gateway
120
WAN
100
Wireless Network

FIG. 1

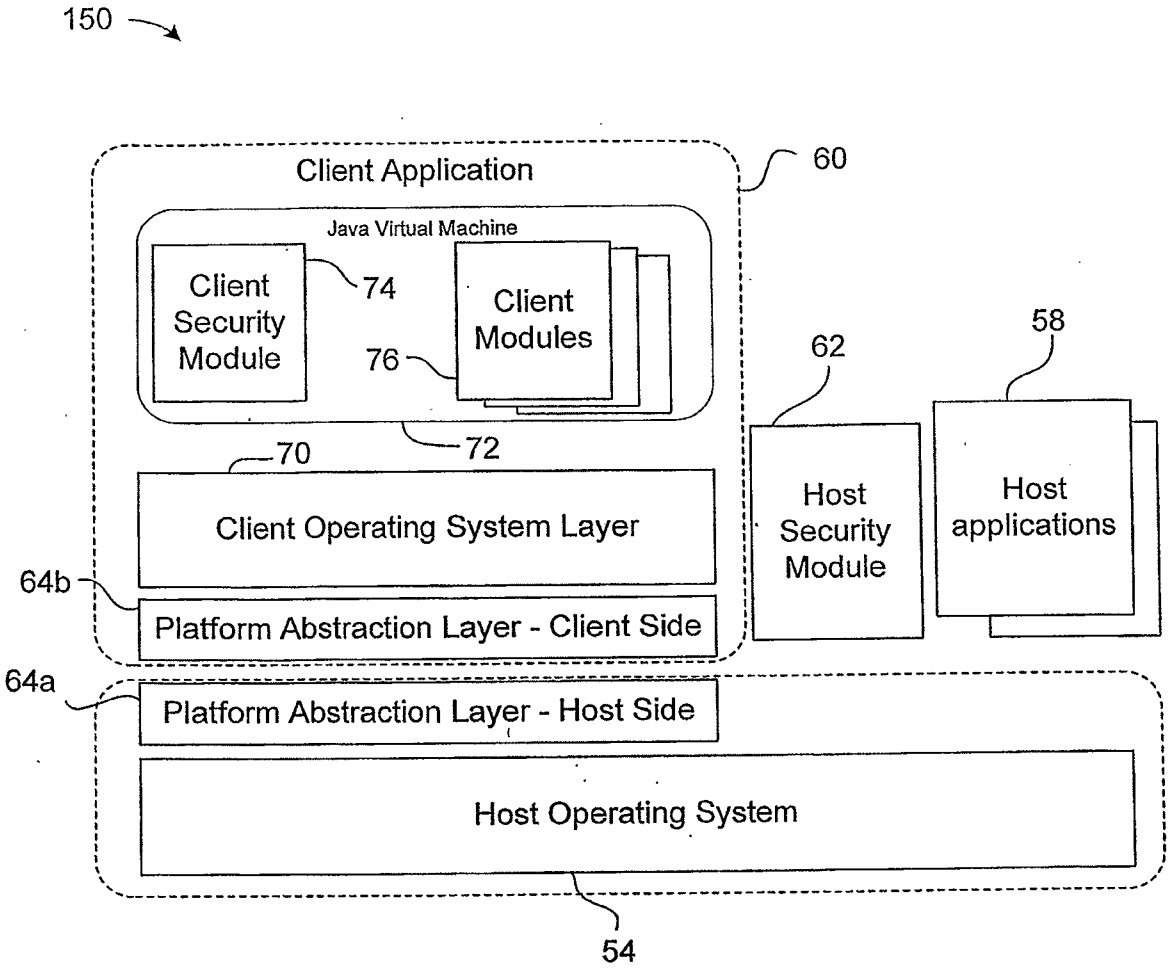

150
Client Application
60
Java Virtual Machine
Client Security Module
74
Client Modules
76
72
70
Client Operating System Layer
64b
Platform Abstraction Layer - Client Side
62
Host Security Module
58
Host applications
64a
Platform Abstraction Layer - Host Side
Host Operating System
54

FIG. 2

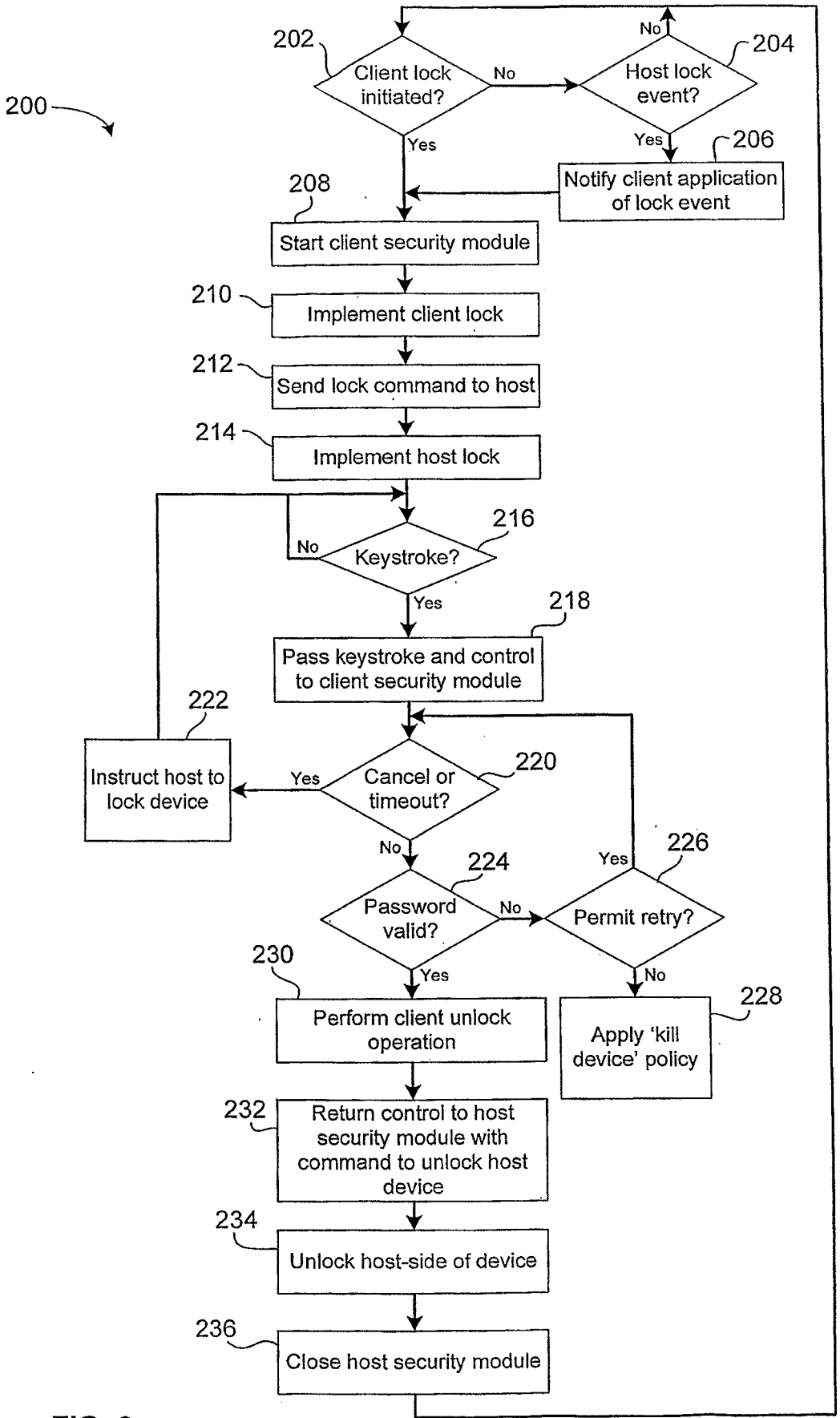

200
202
Client lock initiated?
No
204
Host lock event?
No
Yes
Yes
206
Notify client application of lock event
208
Start client security module
210
Implement client lock
212
Send lock command to host
214
Implement host lock
216
No
Keystroke?
Yes
218
Pass keystroke and control to client security module
222
Instruct host to lock device
Yes
220
Cancel or timeout?
No
224
Password valid?
No
Yes
226
Permit retry?
Yes
No
228
Apply 'kill device' policy
230
Perform client unlock operation
232
Return control to host security module with command to unlock host device
234
Unlock host-side of device
236
Close host security module

FIG. 3

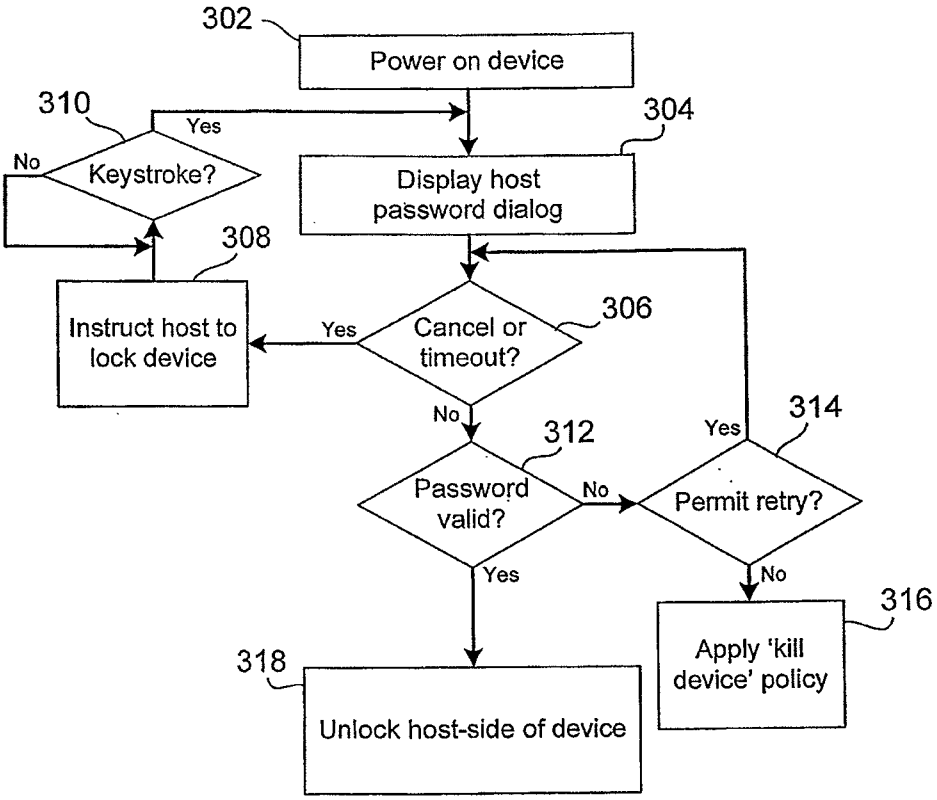

302
Power on device
310
Yes
No
Keystroke?
304
Display host password dialog
308
Instruct host to lock device
Yes
Cancel or timeout?
306
No
312
Password valid?
No
Yes
314
Yes
Permit retry?
No
316
Apply 'kill device' policy
318
Unlock host-side of device

FIG. 4