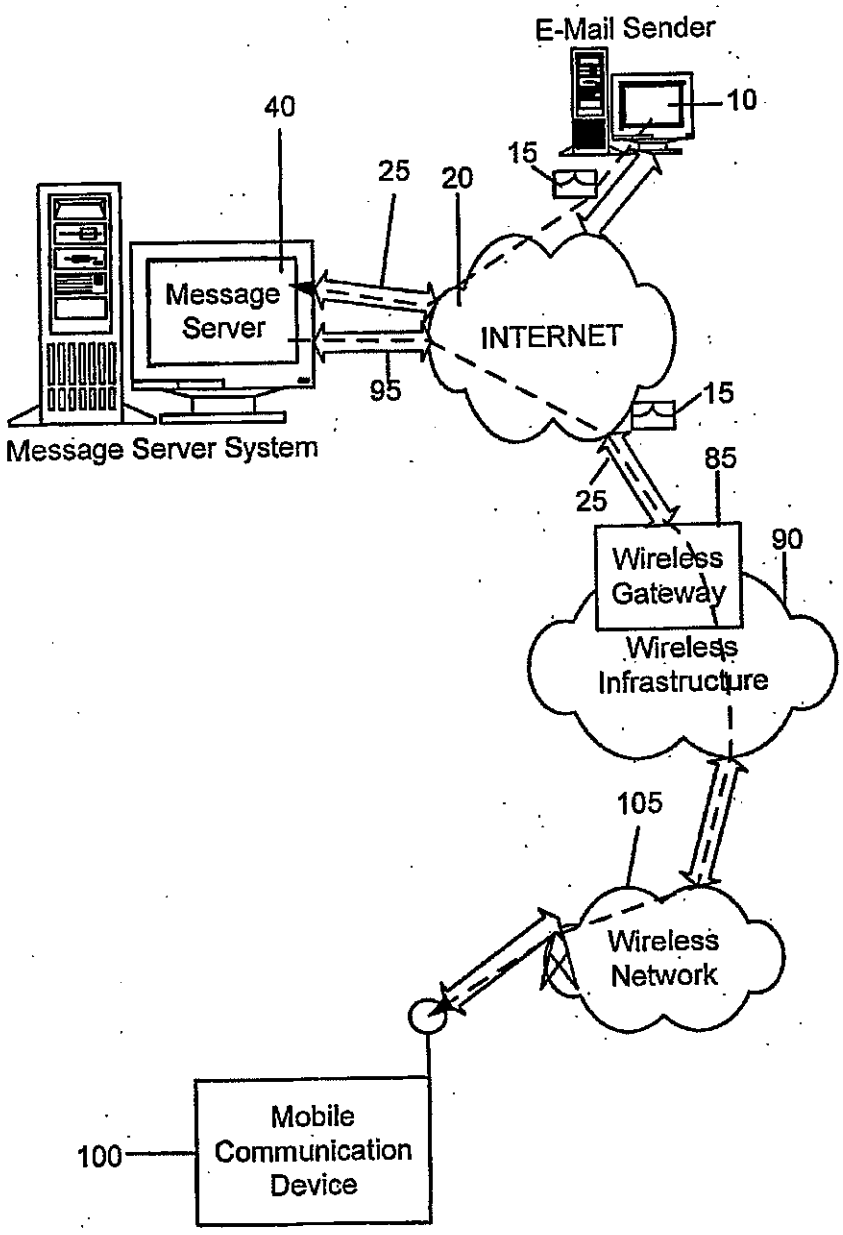

E-Mail Sender
10
40
15
25
20
Message Server
INTERNET
95
15
Message Server System
85
25
90
Wireless Gateway
Wireless Infrastructure
105
Wireless Network
100
Mobile Communication Device

FIG. 1

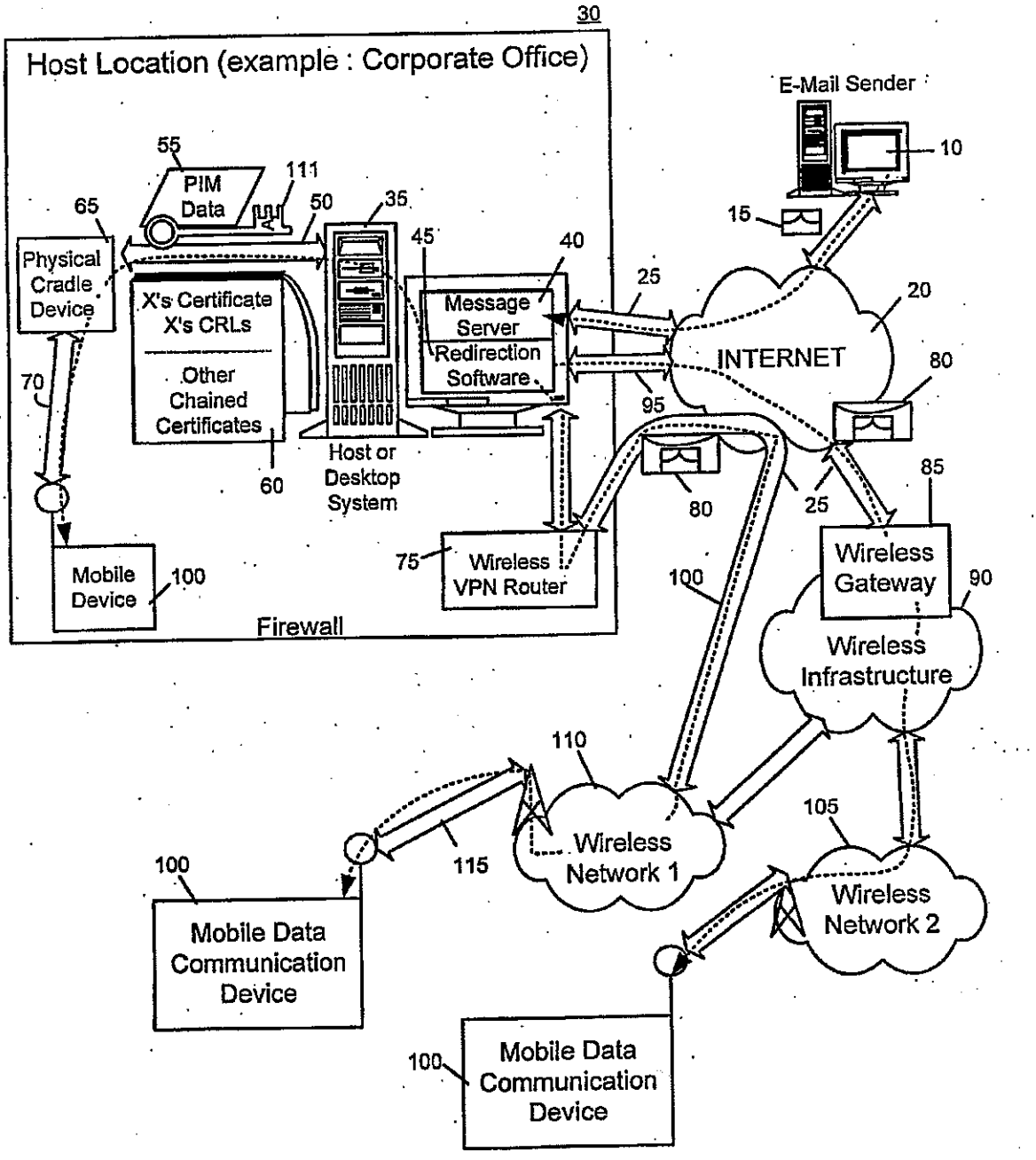

30
Host Location (example : Corporate Office)
E-Mail Sender
10
55
PIM Data
111
50
35
65
45
40
15
Physical Cradle Device
X's Certificate
X's CRLs
Other Chained Certificates
Message Server
Redirection Software
25
20
INTERNET
80
70
95
60
Host or Desktop System
80
25
85
Mobile Device
100
75
Wireless VPN Router
100
Wireless Gateway
90
Firewall
Wireless Infrastructure
110
105
100
115
Wireless Network 1
Wireless Network 2
Mobile Data Communication Device
100
Mobile Data Communication Device

FIG. 2

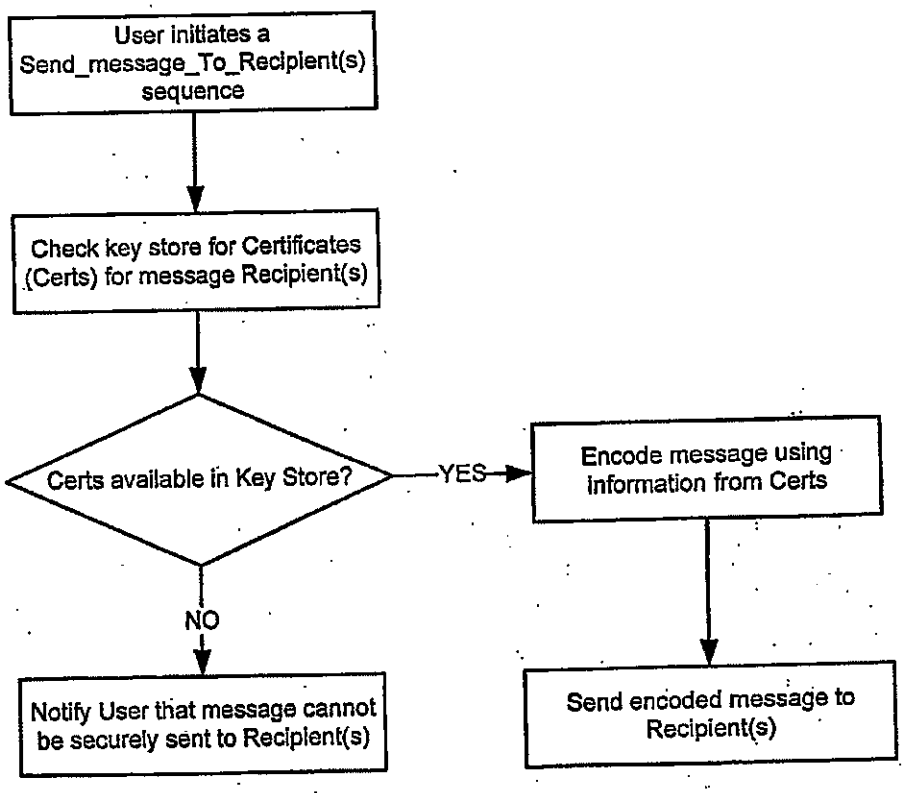

User initiates a Send_message_To_Recipient(s) sequence
Check key store for Certificates (Certs) for message Recipient(s)
Certs available in Key Store?
YES
NO
Encode message using information from Certs
Send encoded message to Recipient(s)
Notify User that message cannot be securely sent to Recipient(s)

FIG. 3

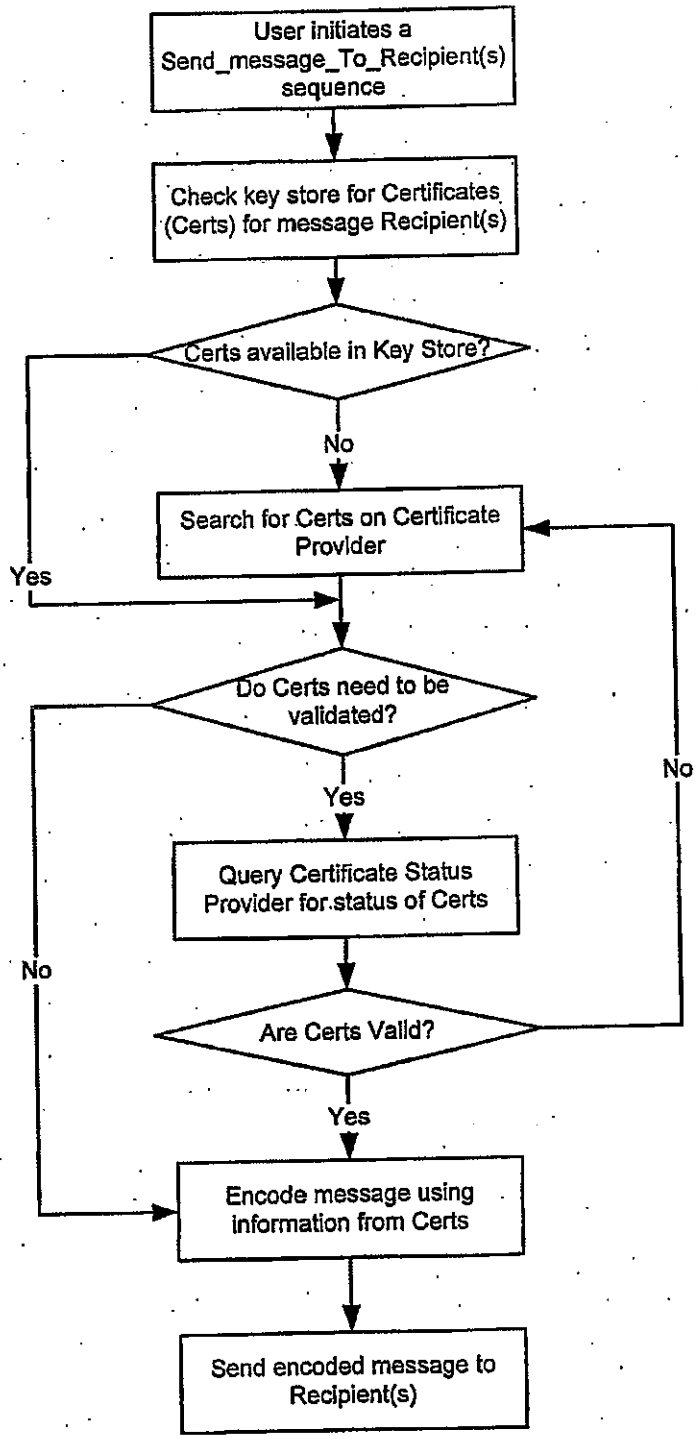

User initiates a Send_message_To_Recipient(s) sequence
Check key store for Certificates (Certs) for message Recipient(s)
Certs available in Key Store?
No
Yes
Search for Certs on Certificate Provider
Do Certs need to be validated?
Yes
No
Query Certificate Status Provider for status of Certs
No
Are Certs Valid?
Yes
Encode message using information from Certs
Send encoded message to Recipient(s)

FIG. 4

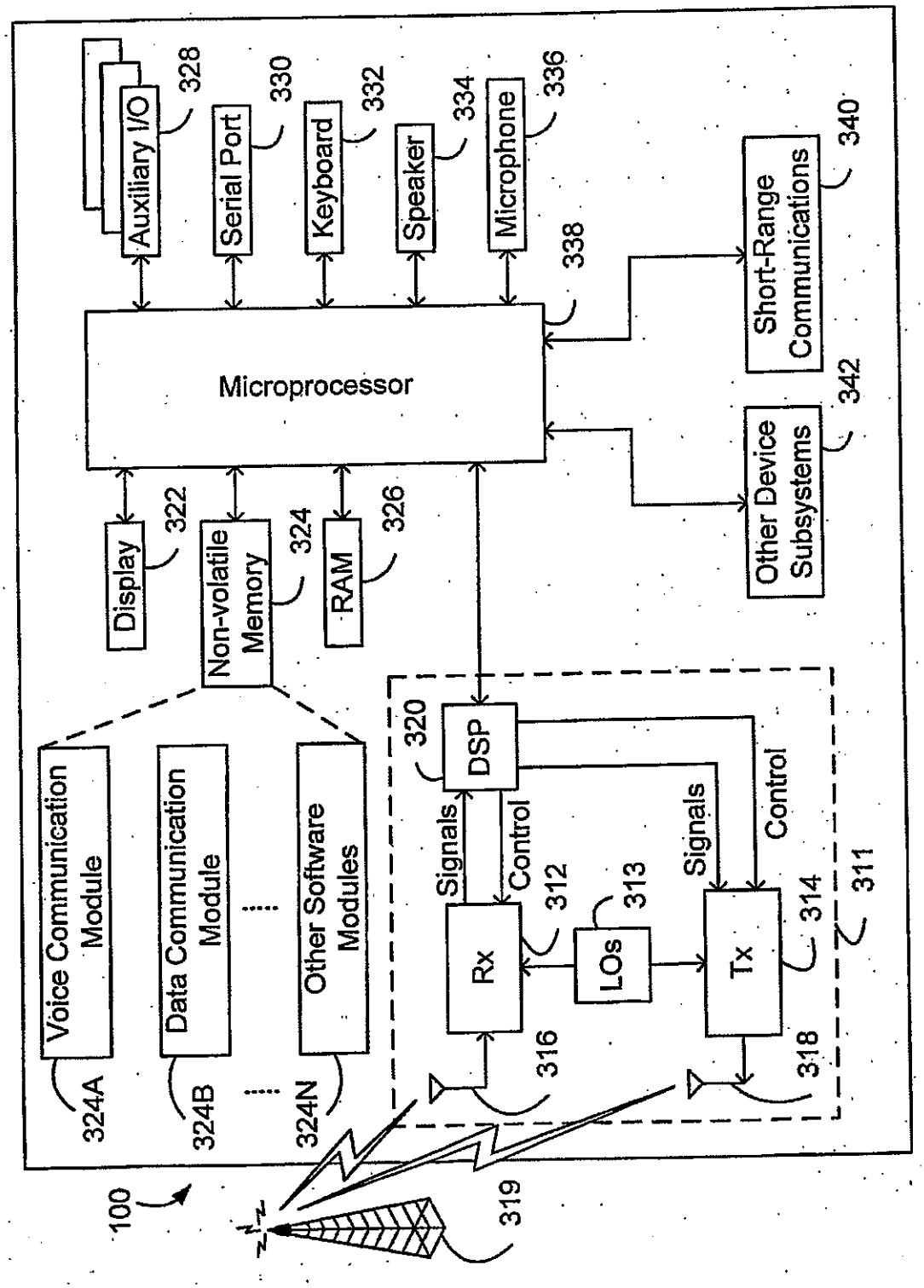

Auxiliary I/O
328
Serial Port
330
Keyboard
332
Speaker
334
Microphone
336
338
Microprocessor
Short-Range Communications
340
Other Device Subsystems
342
Display
322
Non-volatile Memory
324
RAM
326
Voice Communication Module
Data Communication Module
Other Software Modules
324A
324B
324N
320
DSP
Signals
Control
Signals
Control
312
313
314
311
Rx
LOs
Tx
316
318
319
100

FIG. 5