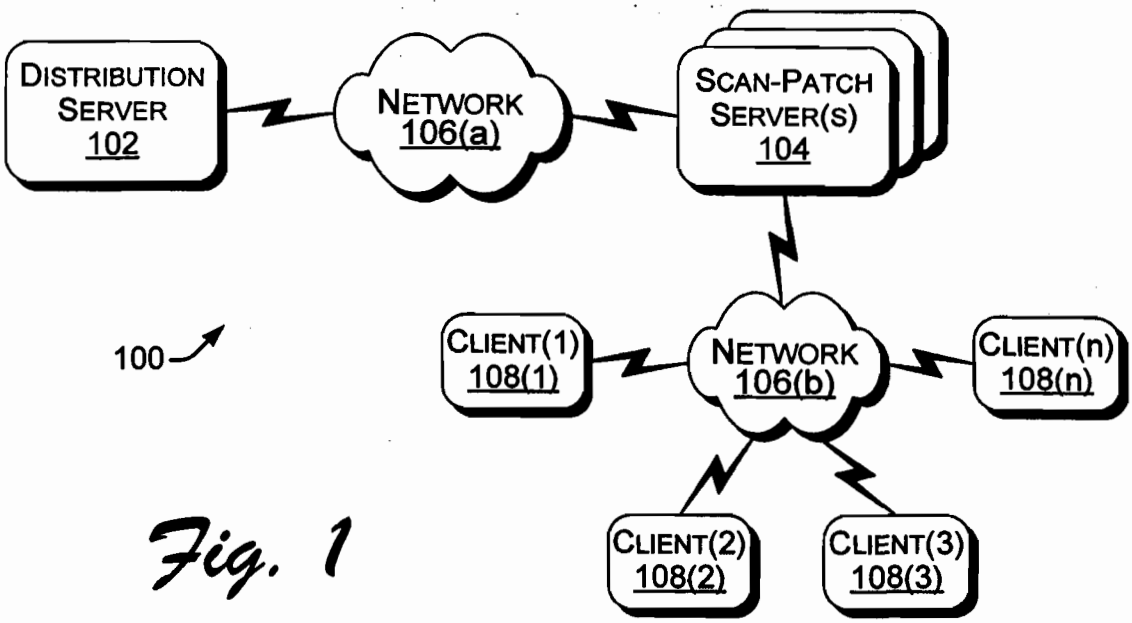

DISTRIBUTION SERVER 102
NETWORK 106(a)
SCAN-PATCH SERVER(S) 104
100
CLIENT(1) 108(1)
NETWORK 106(b)
CLIENT(n) 108(n)
CLIENT(2) 108(2)
CLIENT(3) 108(3)

Fig. 1

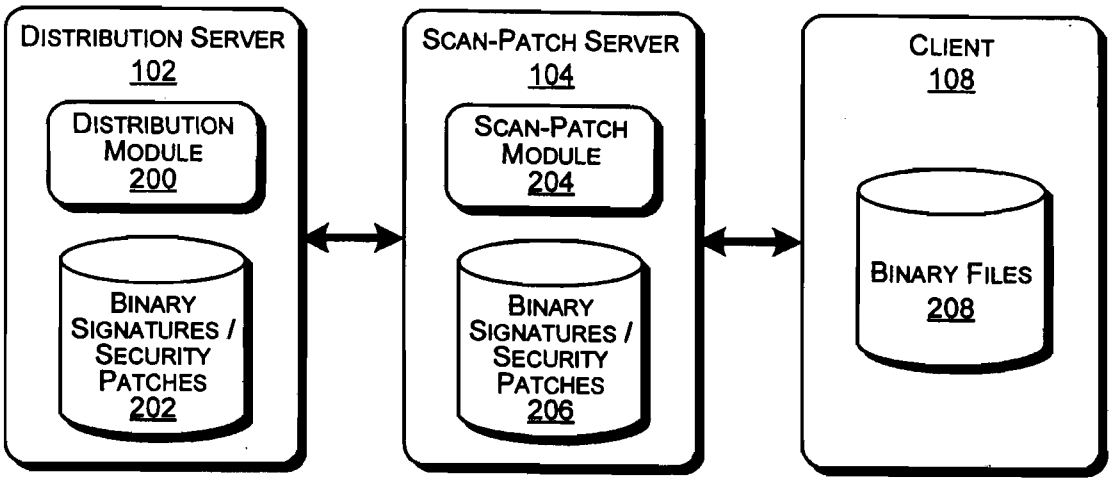

DISTRIBUTION SERVER
102
DISTRIBUTION MODULE
200
BINARY SIGNATURES / SECURITY PATCHES
202
SCAN-PATCH SERVER
104
SCAN-PATCH MODULE
204
BINARY SIGNATURES / SECURITY PATCHES
206
CLIENT
108
BINARY FILES
208

Fig. 2

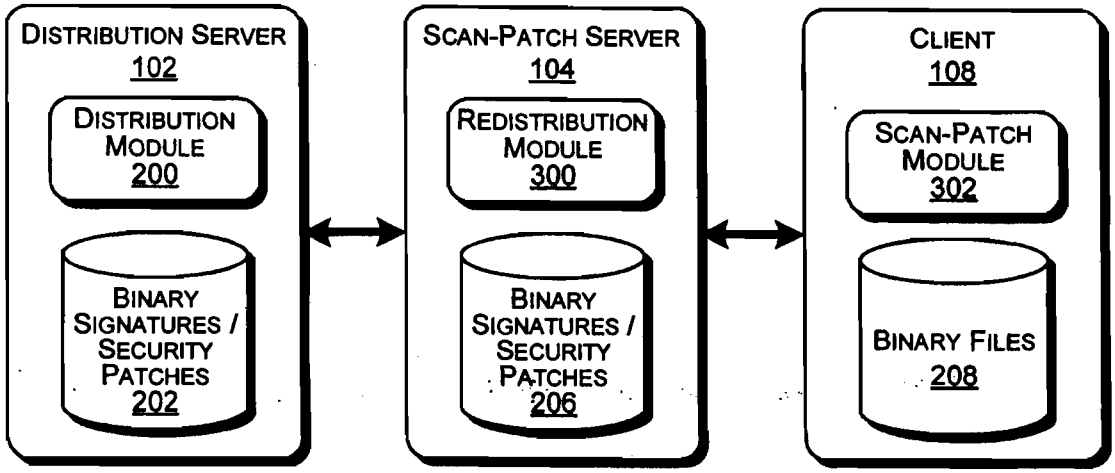

DISTRIBUTION SERVER
102
DISTRIBUTION MODULE
200
BINARY SIGNATURES / SECURITY PATCHES
202
SCAN-PATCH SERVER
104
REDISTRIBUTION MODULE
300
BINARY SIGNATURES / SECURITY PATCHES
206
CLIENT
108
SCAN-PATCH MODULE
302
BINARY FILES
208

Fig. 3

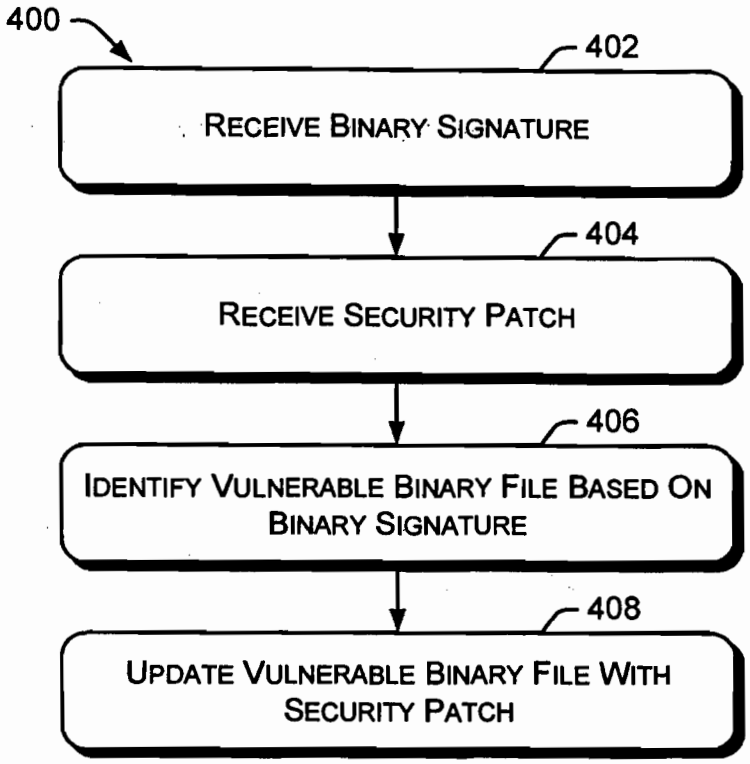

400
402
RECEIVE BINARY SIGNATURE
404
RECEIVE SECURITY PATCH
406
IDENTIFY VULNERABLE BINARY FILE BASED ON BINARY SIGNATURE
408
UPDATE VULNERABLE BINARY FILE WITH SECURITY PATCH

Fig. 4

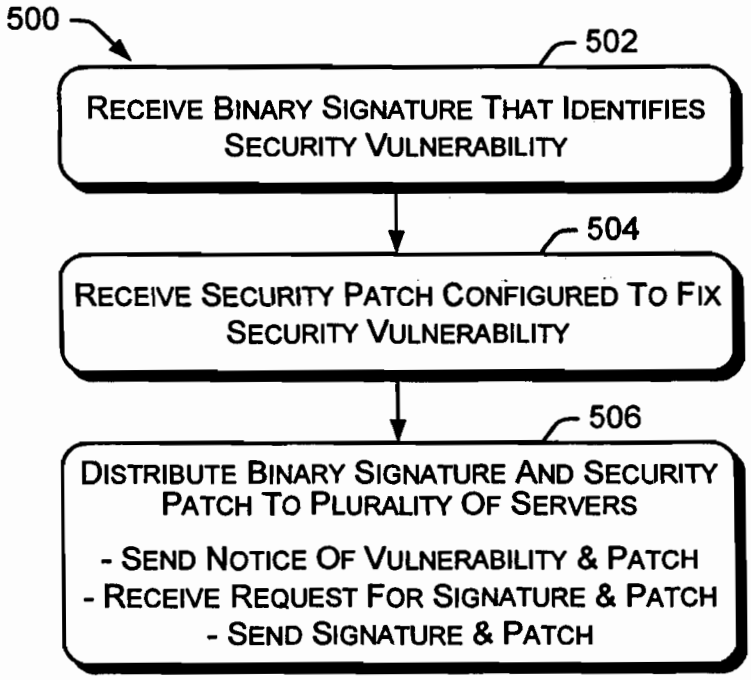

500
502
RECEIVE BINARY SIGNATURE THAT IDENTIFIES SECURITY VULNERABILITY
504
RECEIVE SECURITY PATCH CONFIGURED TO FIX SECURITY VULNERABILITY
506
DISTRIBUTE BINARY SIGNATURE AND SECURITY PATCH TO PLURALITY OF SERVERS
- SEND NOTICE OF VULNERABILITY & PATCH
- RECEIVE REQUEST FOR SIGNATURE & PATCH
- SEND SIGNATURE & PATCH

Fig. 5

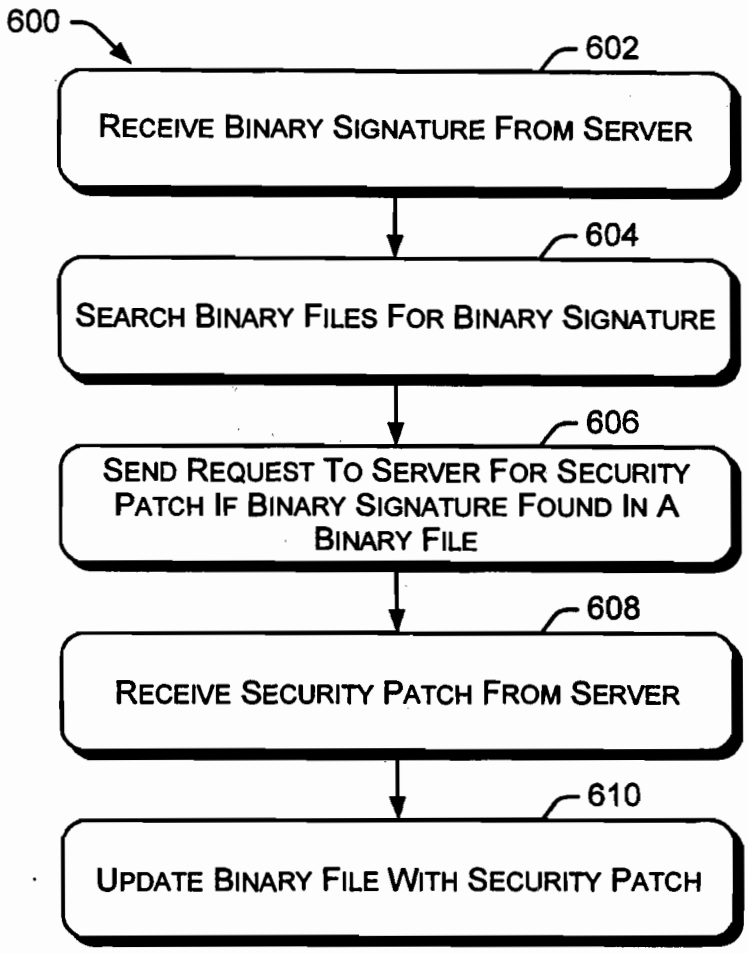

600
602
RECEIVE BINARY SIGNATURE FROM SERVER
604
SEARCH BINARY FILES FOR BINARY SIGNATURE
606
SEND REQUEST TO SERVER FOR SECURITY PATCH IF BINARY SIGNATURE FOUND IN A BINARY FILE
608
RECEIVE SECURITY PATCH FROM SERVER
610
UPDATE BINARY FILE WITH SECURITY PATCH

Fig. 6

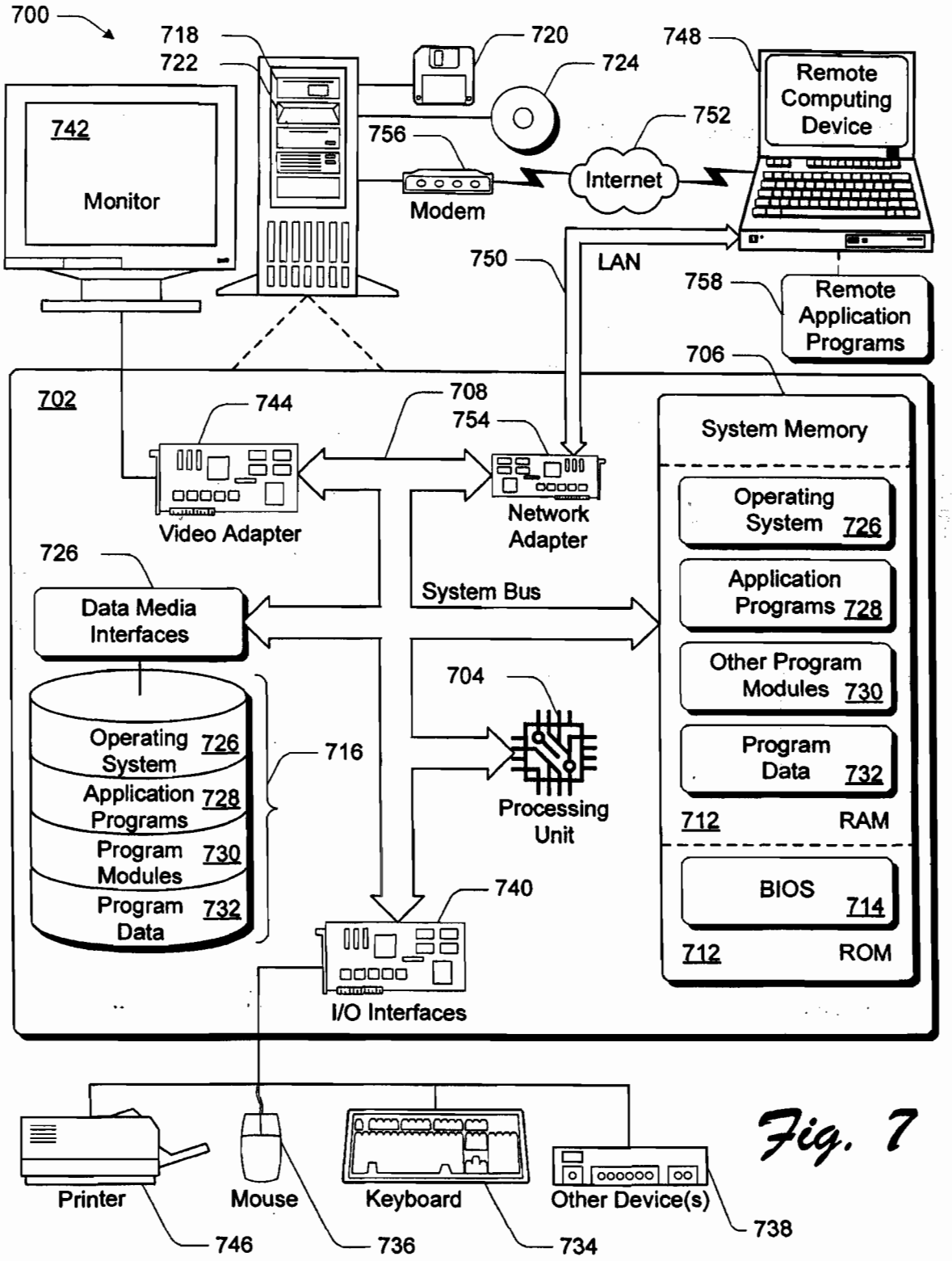

700
718
722
720
724
748
Remote Computing Device
742
Monitor
756
752
Internet
Modem
750
LAN
758
Remote Application Programs
706
702
744
708
754
System Memory
Video Adapter
Network Adapter
Operating System 726
Application Programs 728
Other Program Modules 730
Program Data 732
726
Data Media Interfaces
System Bus
704
716
Processing Unit
712 RAM
BIOS 714
712 ROM
740
I/O Interfaces
Printer
Mouse
Keyboard
Other Device(s)
746
736
734
738

Fig. 7