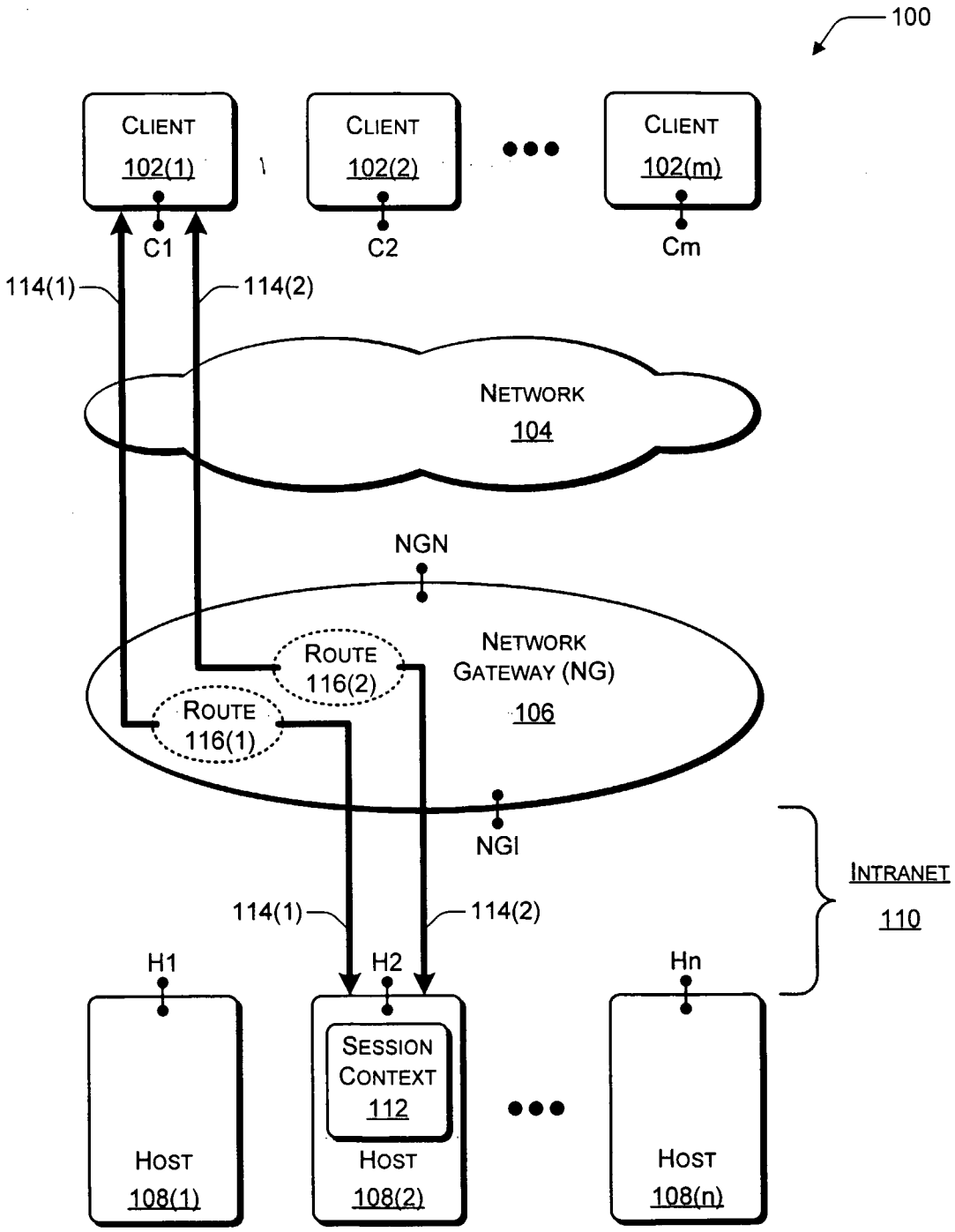

100
CLIENT 102(1)
CLIENT 102(2)
CLIENT 102(m)
C1
C2
Cm
114(1)
114(2)
NETWORK 104
NGN
ROUTE 116(2)
ROUTE 116(1)
NETWORK GATEWAY (NG) 106
NGI
INTRANET 110
114(1)
114(2)
H1
H2
Hn
SESSION CONTEXT 112
HOST 108(1)
HOST 108(2)
HOST 108(n)

FIG. 1

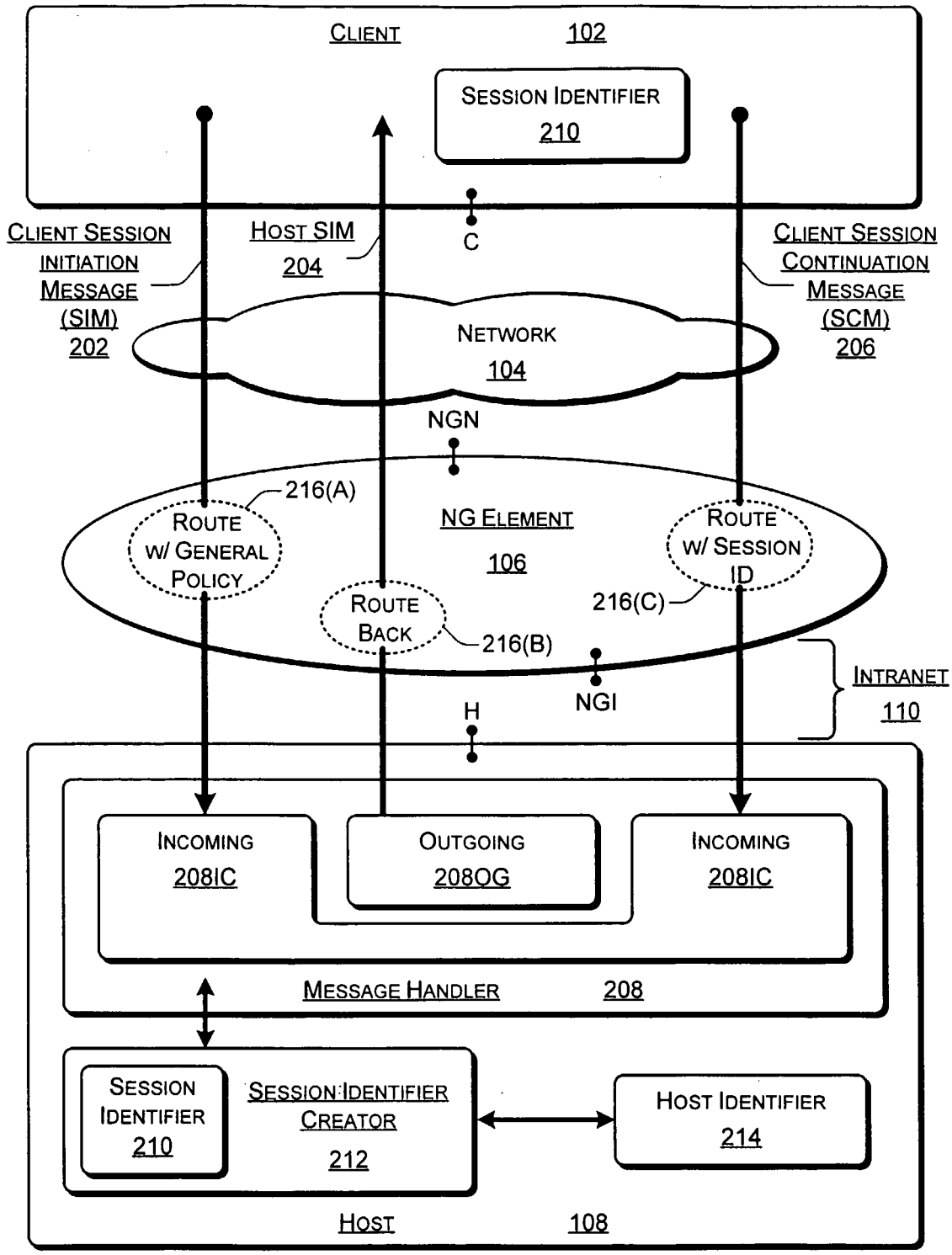

CLIENT 102
SESSION IDENTIFIER 210
C
CLIENT SESSION INITIATION MESSAGE (SIM) 202
HOST SIM 204
CLIENT SESSION CONTINUATION MESSAGE (SCM) 206
NETWORK 104
NGN
216(A)
ROUTE W/ GENERAL POLICY
NG ELEMENT 106
ROUTE W/ SESSION ID
216(C)
ROUTE BACK
216(B)
NGI
INTRANET 110
H
INCOMING 208IC
OUTGOING 208OG
INCOMING 208IC
MESSAGE HANDLER 208
SESSION IDENTIFIER 210
SESSION IDENTIFIER CREATOR 212
HOST IDENTIFIER 214
HOST 108

FIG. 2

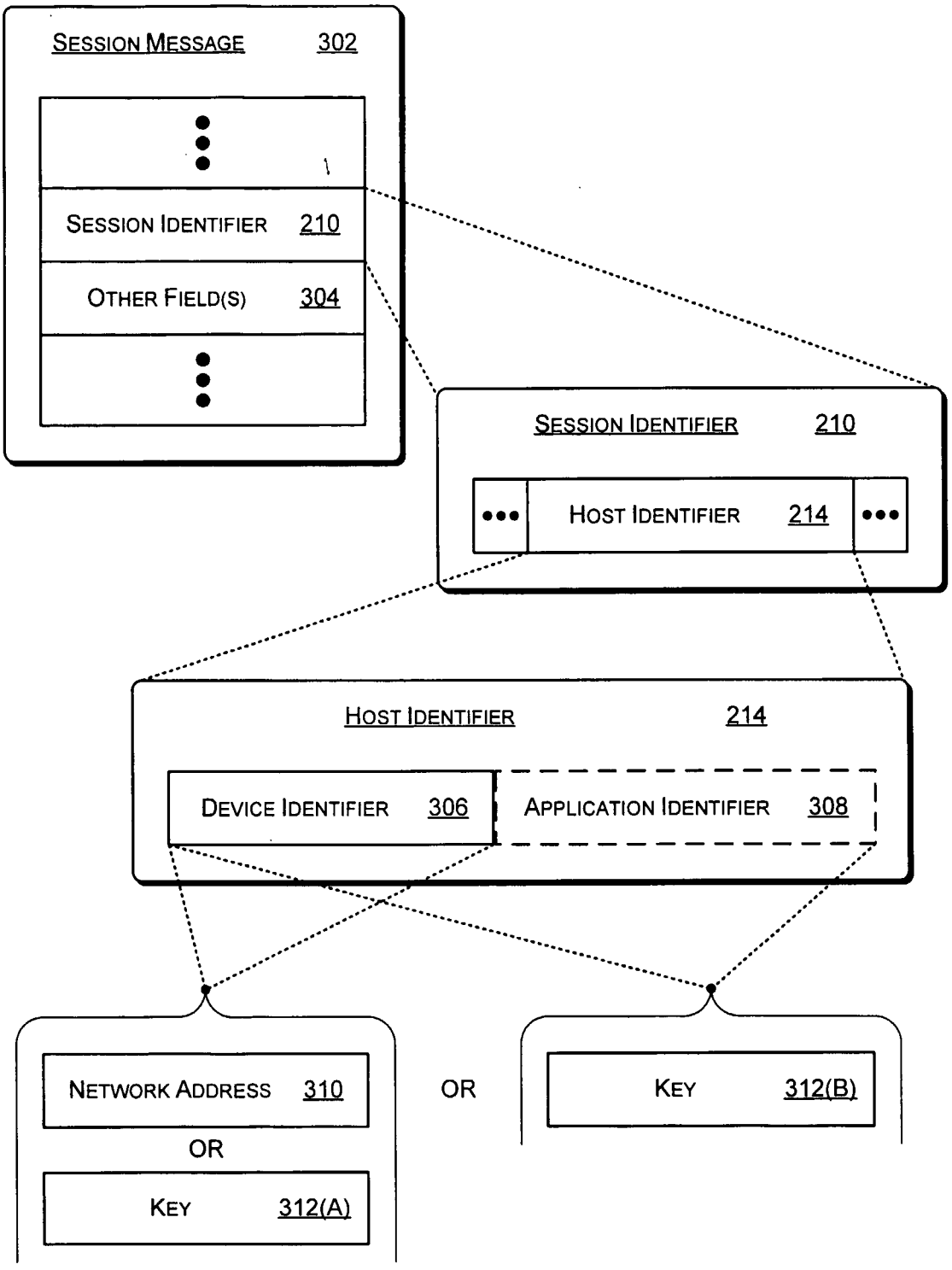

SESSION MESSAGE 302
SESSION IDENTIFIER 210
OTHER FIELD(S) 304
SESSION IDENTIFIER 210
HOST IDENTIFIER 214
HOST IDENTIFIER 214
DEVICE IDENTIFIER 306
APPLICATION IDENTIFIER 308
NETWORK ADDRESS 310
OR
KEY 312(A)
OR
KEY 312(B)

FIG. 3

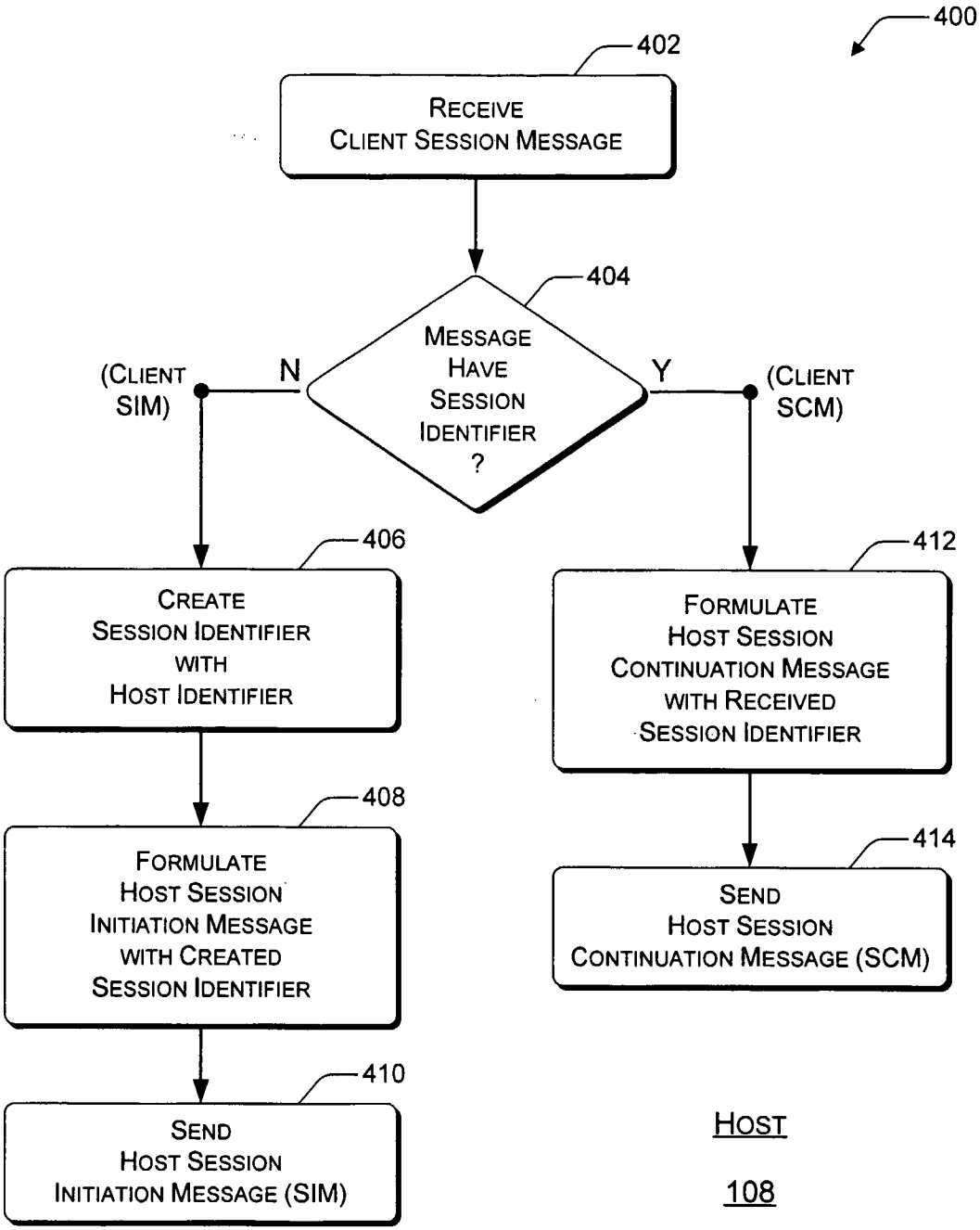

400
402
RECEIVE CLIENT SESSION MESSAGE
404
MESSAGE HAVE SESSION IDENTIFIER ?
N
(CLIENT SIM)
Y
(CLIENT SCM)
406
CREATE SESSION IDENTIFIER WITH HOST IDENTIFIER
408
FORMULATE HOST SESSION INITIATION MESSAGE WITH CREATED SESSION IDENTIFIER
410
SEND HOST SESSION INITIATION MESSAGE (SIM)
412
FORMULATE HOST SESSION CONTINUATION MESSAGE WITH RECEIVED SESSION IDENTIFIER
414
SEND HOST SESSION CONTINUATION MESSAGE (SCM)
HOST
108

FIG. 4

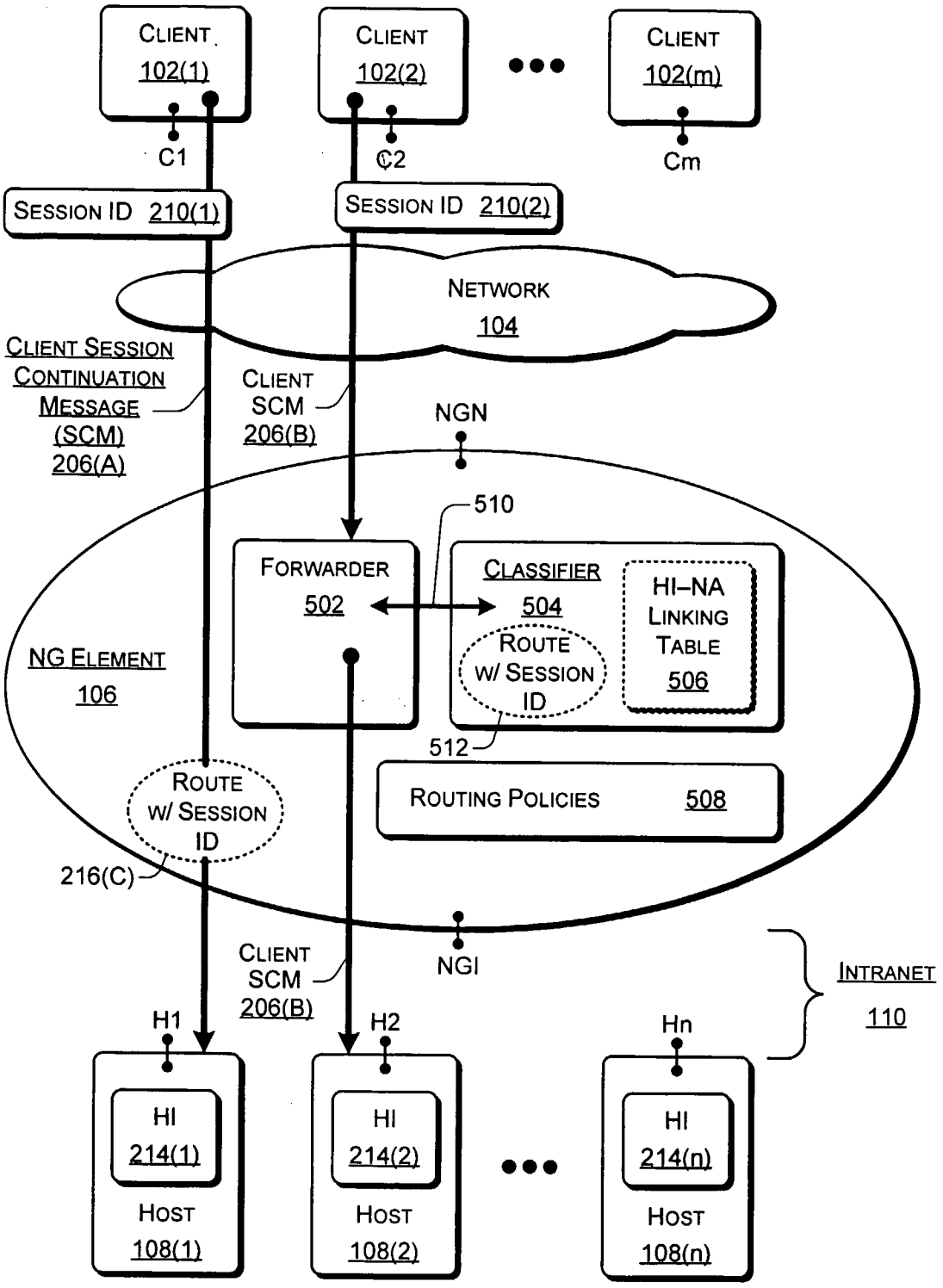

CLIENT 102(1)
CLIENT 102(2)
CLIENT 102(m)
C1
C2
Cm
SESSION ID 210(1)
SESSION ID 210(2)
NETWORK 104
CLIENT SESSION CONTINUATION MESSAGE (SCM) 206(A)
CLIENT SCM 206(B)
NGN
510
FORWARDER 502
CLASSIFIER 504
HI–NA LINKING TABLE 506
ROUTE W/ SESSION ID
NG ELEMENT 106
512
ROUTE W/ SESSION ID
ROUTING POLICIES 508
216(C)
CLIENT SCM 206(B)
NGI
INTRANET 110
H1
H2
Hn
HI 214(1)
HI 214(2)
HI 214(n)
HOST 108(1)
HOST 108(2)
HOST 108(n)

FIG. 5

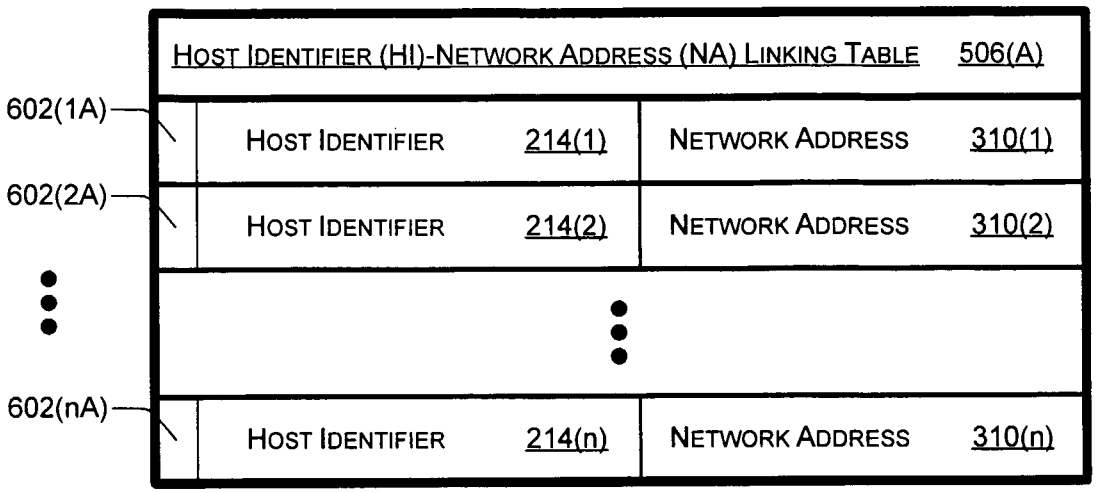

HOST IDENTIFIER (HI)-NETWORK ADDRESS (NA) LINKING TABLE 506(A)
602(1A)
HOST IDENTIFIER 214(1)
NETWORK ADDRESS 310(1)
602(2A)
HOST IDENTIFIER 214(2)
NETWORK ADDRESS 310(2)
602(nA)
HOST IDENTIFIER 214(n)
NETWORK ADDRESS 310(n)

FIG. 6A

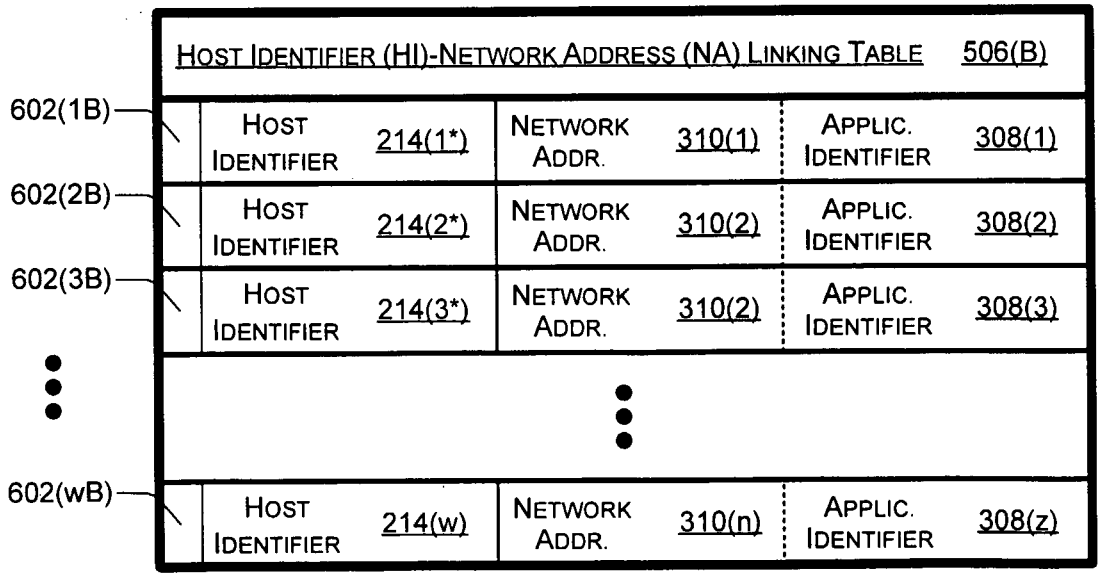

HOST IDENTIFIER (HI)-NETWORK ADDRESS (NA) LINKING TABLE 506(B)
602(1B)
HOST IDENTIFIER 214(1*)
NETWORK ADDR. 310(1)
APPLIC. IDENTIFIER 308(1)
602(2B)
HOST IDENTIFIER 214(2*)
NETWORK ADDR. 310(2)
APPLIC. IDENTIFIER 308(2)
602(3B)
HOST IDENTIFIER 214(3*)
NETWORK ADDR. 310(2)
APPLIC. IDENTIFIER 308(3)
602(wB)
HOST IDENTIFIER 214(w)
NETWORK ADDR. 310(n)
APPLIC. IDENTIFIER 308(z)

FIG. 6B

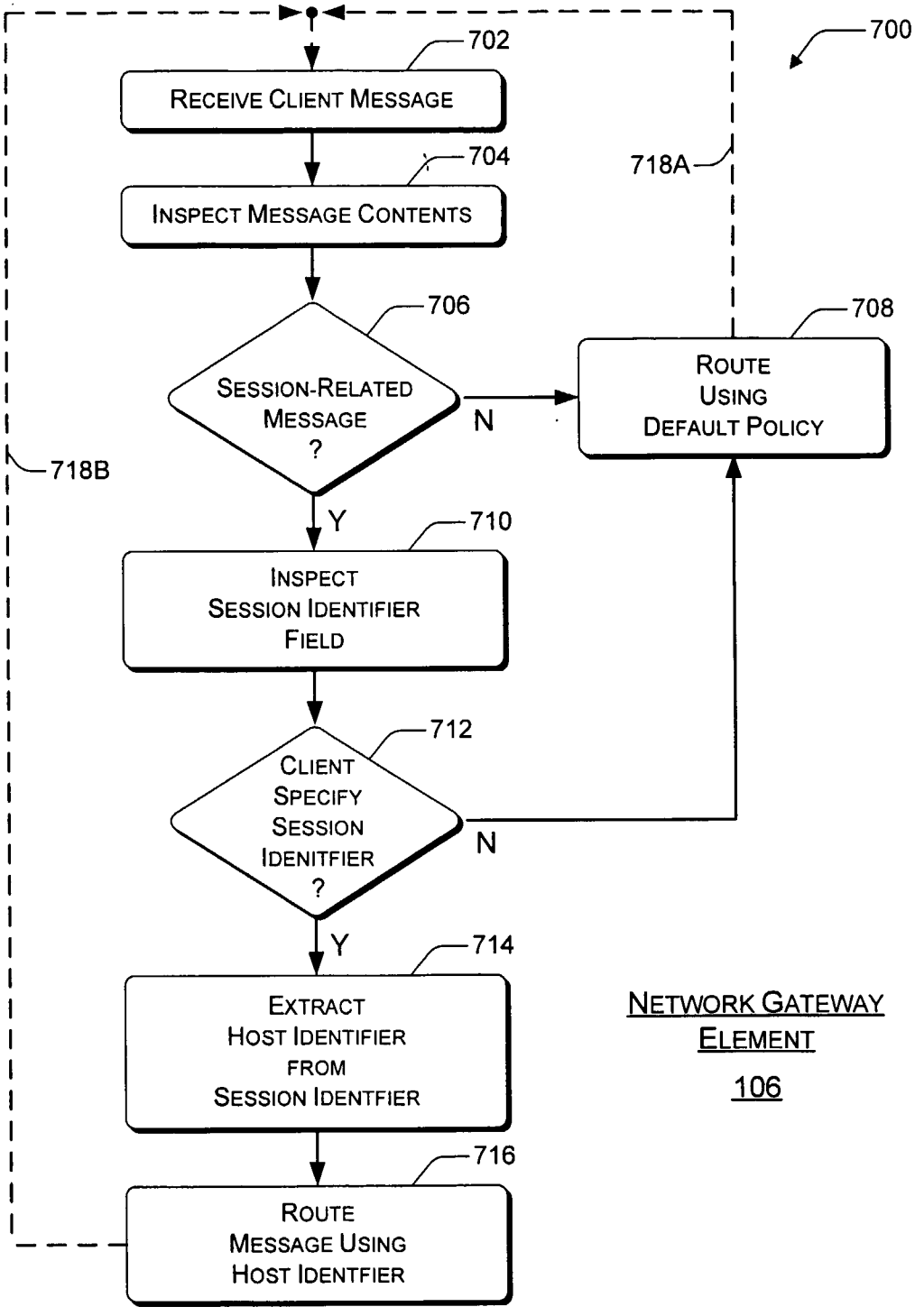

700
702
RECEIVE CLIENT MESSAGE
704
INSPECT MESSAGE CONTENTS
718A
706
SESSION-RELATED MESSAGE ?
N
708
ROUTE USING DEFAULT POLICY
718B
Y
710
INSPECT SESSION IDENTIFIER FIELD
712
CLIENT SPECIFY SESSION IDENITFIER ?
N
Y
714
EXTRACT HOST IDENTIFIER FROM SESSION IDENTFIER
716
ROUTE MESSAGE USING HOST IDENTFIER
NETWORK GATEWAY ELEMENT
106

FIG. 7

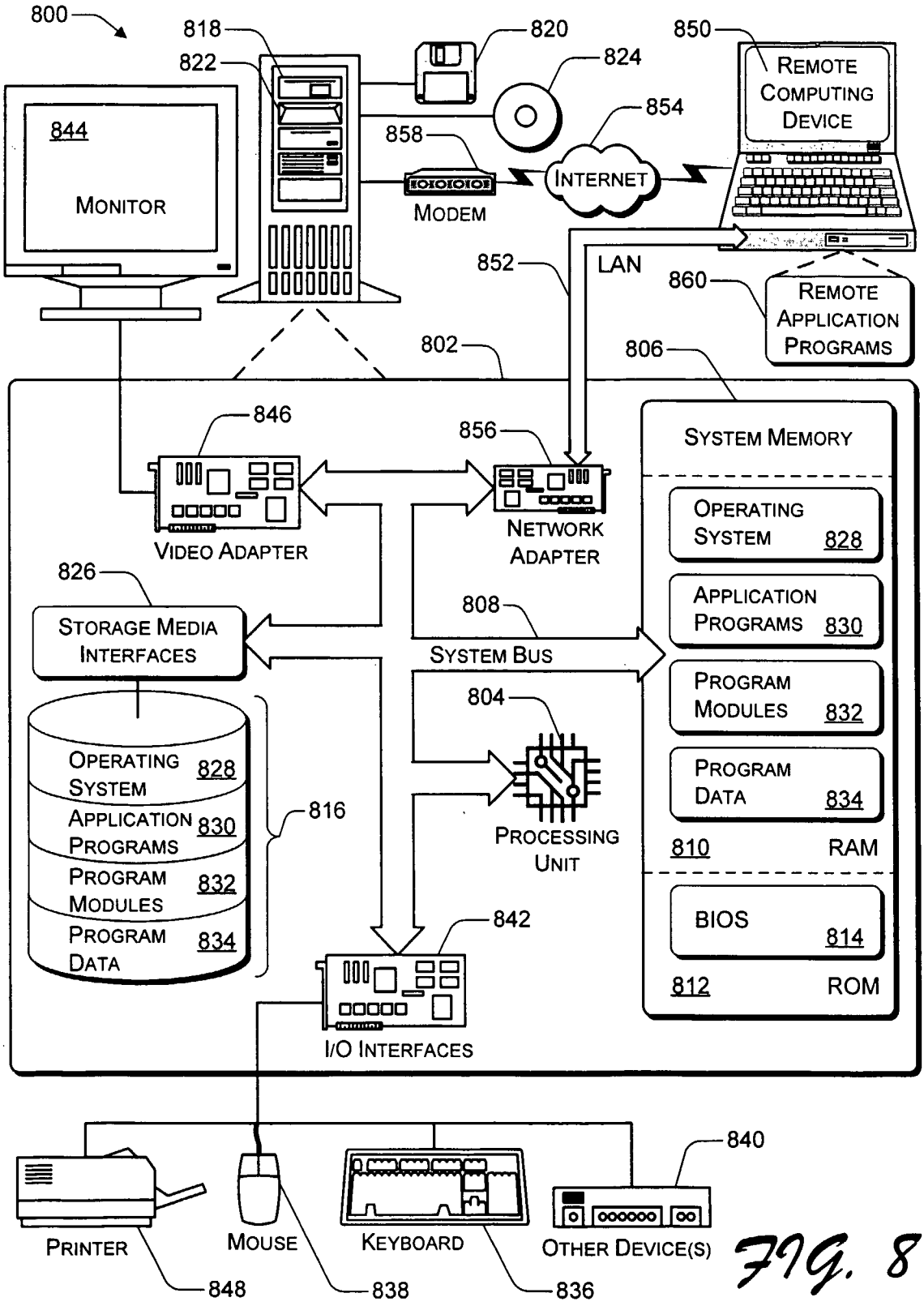

800
818
822
820
824
850
REMOTE COMPUTING DEVICE
844
MONITOR
854
858
INTERNET
MODEM
852
LAN
860
REMOTE APPLICATION PROGRAMS
802
806
846
856
SYSTEM MEMORY
VIDEO ADAPTER
NETWORK ADAPTER
OPERATING SYSTEM 828
826
APPLICATION PROGRAMS 830
STORAGE MEDIA INTERFACES
808
SYSTEM BUS
PROGRAM MODULES 832
804
OPERATING SYSTEM 828
APPLICATION PROGRAMS 830
PROGRAM MODULES 832
PROGRAM DATA 834
816
PROCESSING UNIT
PROGRAM DATA 834
810 RAM
BIOS 814
842
812 ROM
I/O INTERFACES
840
PRINTER
MOUSE
KEYBOARD
OTHER DEVICE(S)
848
838
836

FIG. 8