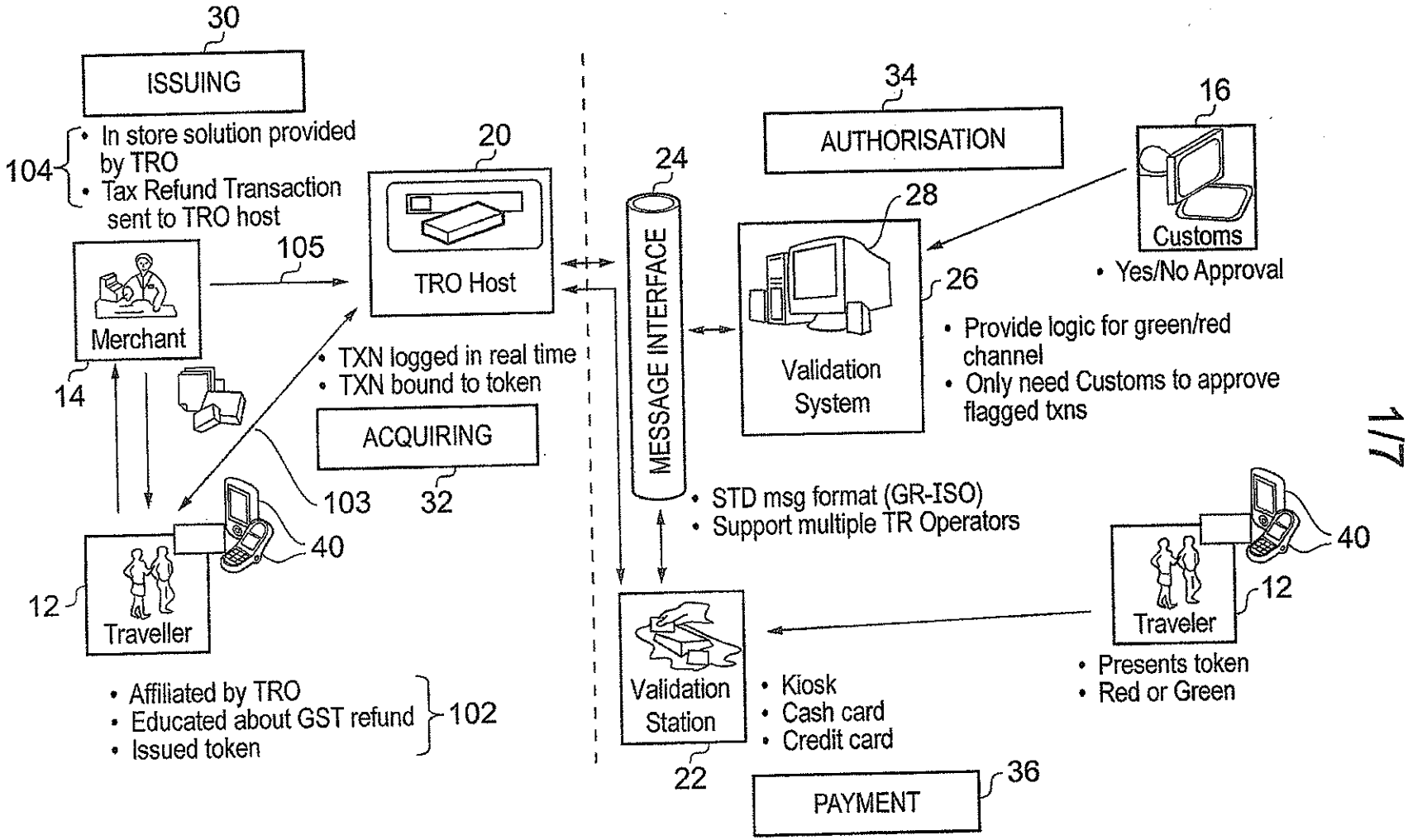

30
ISSUING
104
• In store solution provided by TRO
• Tax Refund Transaction sent to TRO host
20
TRO Host
105
Merchant
14
• TXN logged in real time
• TXN bound to token
ACQUIRING
32
103
40
12
Traveller
• Affiliated by TRO
• Educated about GST refund
• Issued token
102
24
MESSAGE INTERFACE
34
AUTHORISATION
28
Validation System
26
16
Customs
• Yes/No Approval
• Provide logic for green/red channel
• Only need Customs to approve flagged txns
• STD msg format (GR-ISO)
• Support multiple TR Operators
Validation Station
• Kiosk
• Cash card
• Credit card
22
PAYMENT
36
40
12
Traveler
• Presents token
• Red or Green

FIG. 1

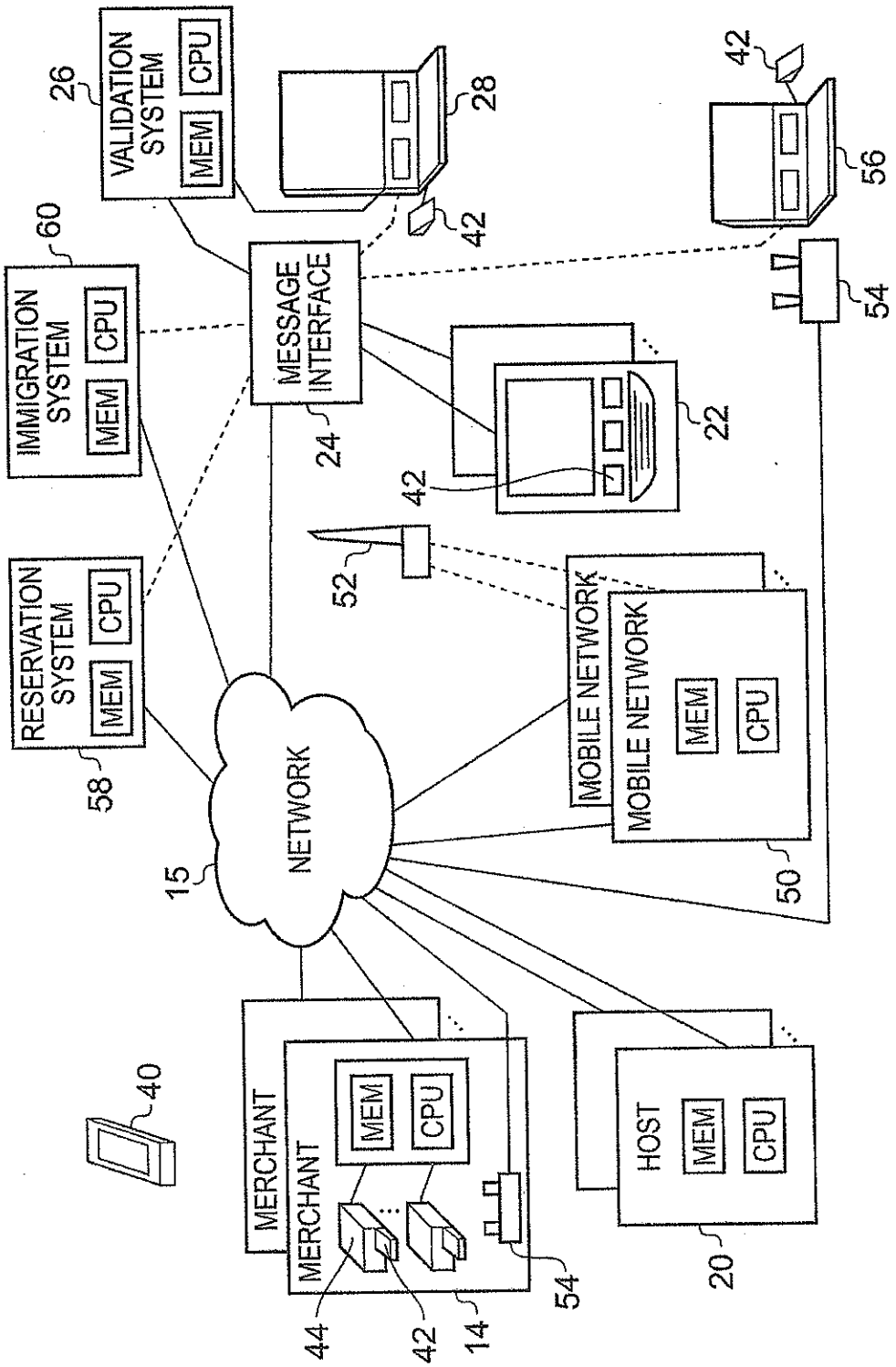

VALIDATION SYSTEM
MEM
CPU
26
28
42
56
60
IMMIGRATION SYSTEM
MEM
CPU
MESSAGE INTERFACE
24
54
22
42
52
RESERVATION SYSTEM
MEM
CPU
58
MOBILE NETWORK
MOBILE NETWORK
MEM
CPU
50
15
NETWORK
40
MERCHANT
MERCHANT
MEM
CPU
HOST
MEM
CPU
20
44
42
14
54

FIG. 2

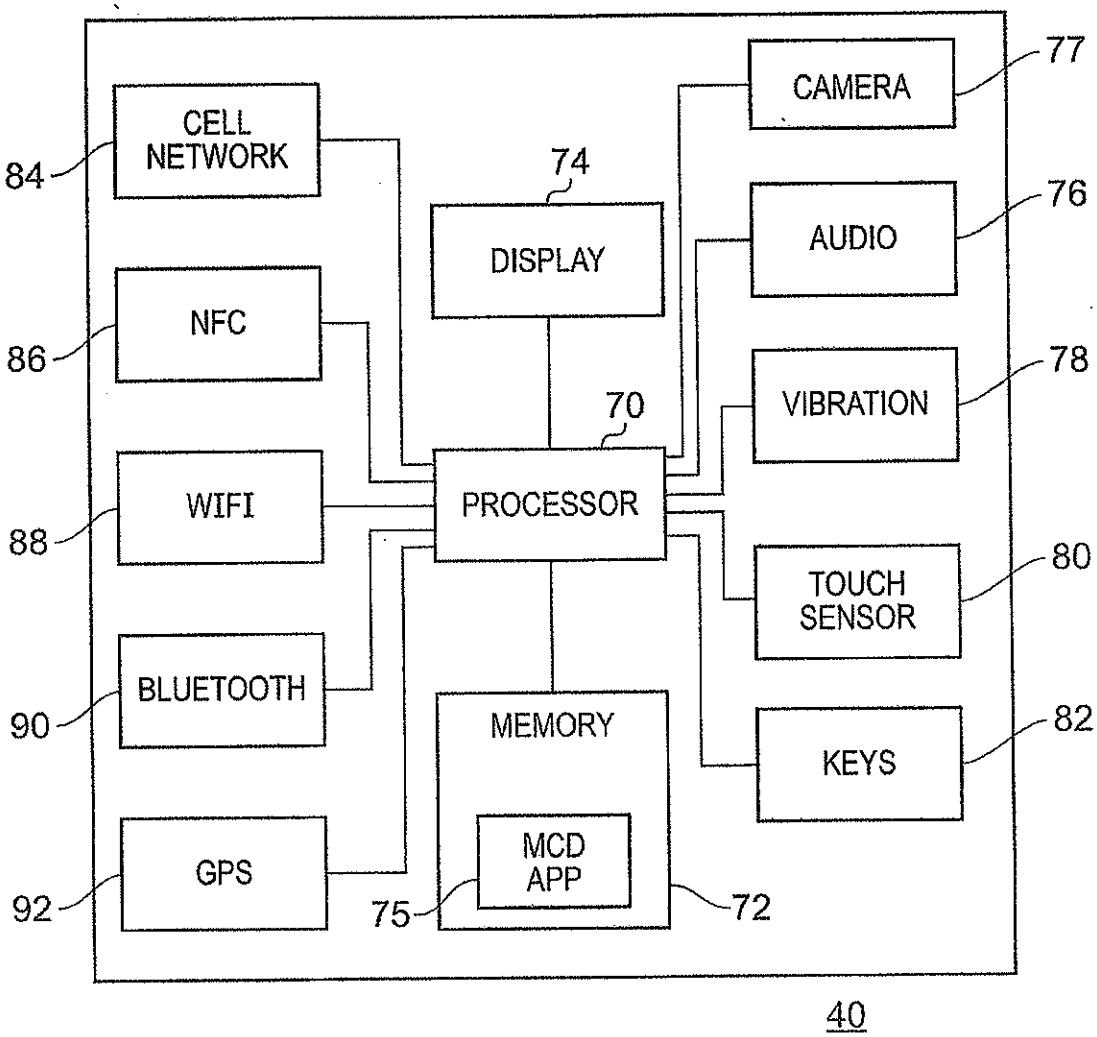

CELL NETWORK
84
NFC
86
WIFI
88
BLUETOOTH
90
GPS
92
74
DISPLAY
70
PROCESSOR
MEMORY
MCD APP
75
72
CAMERA
77
AUDIO
76
VIBRATION
78
TOUCH SENSOR
80
KEYS
82
40

FIG. 3

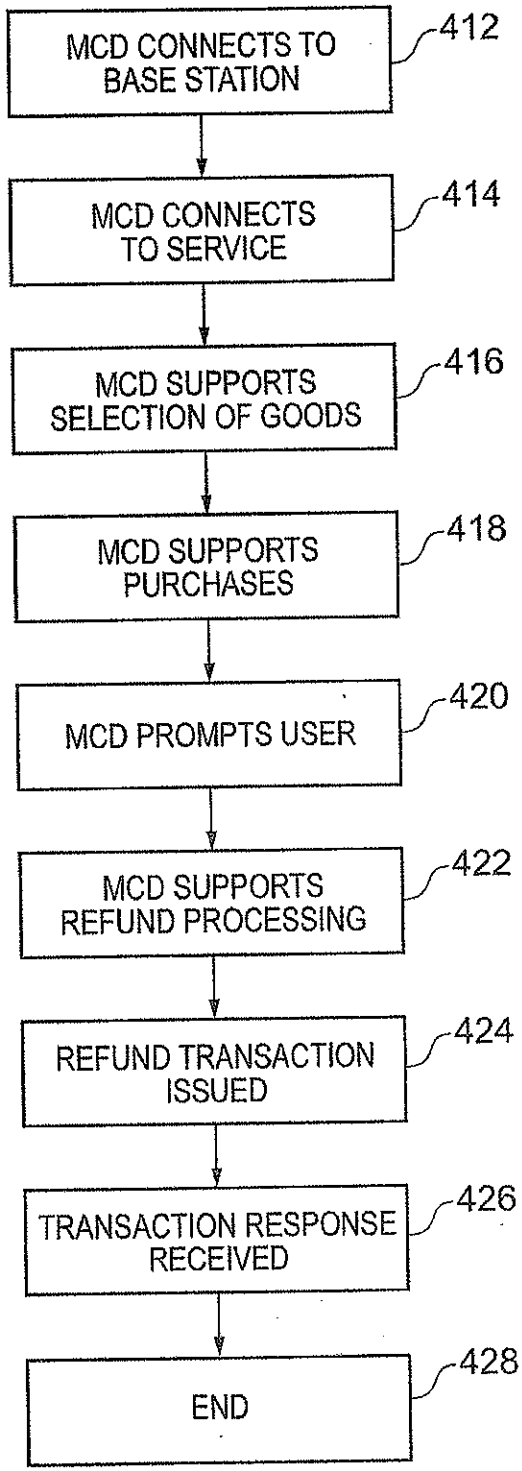

MCD CONNECTS TO BASE STATION
412
MCD CONNECTS TO SERVICE
414
MCD SUPPORTS SELECTION OF GOODS
416
MCD SUPPORTS PURCHASES
418
MCD PROMPTS USER
420
MCD SUPPORTS REFUND PROCESSING
422
REFUND TRANSACTION ISSUED
424
TRANSACTION RESPONSE RECEIVED
426
END
428

FIG. 4

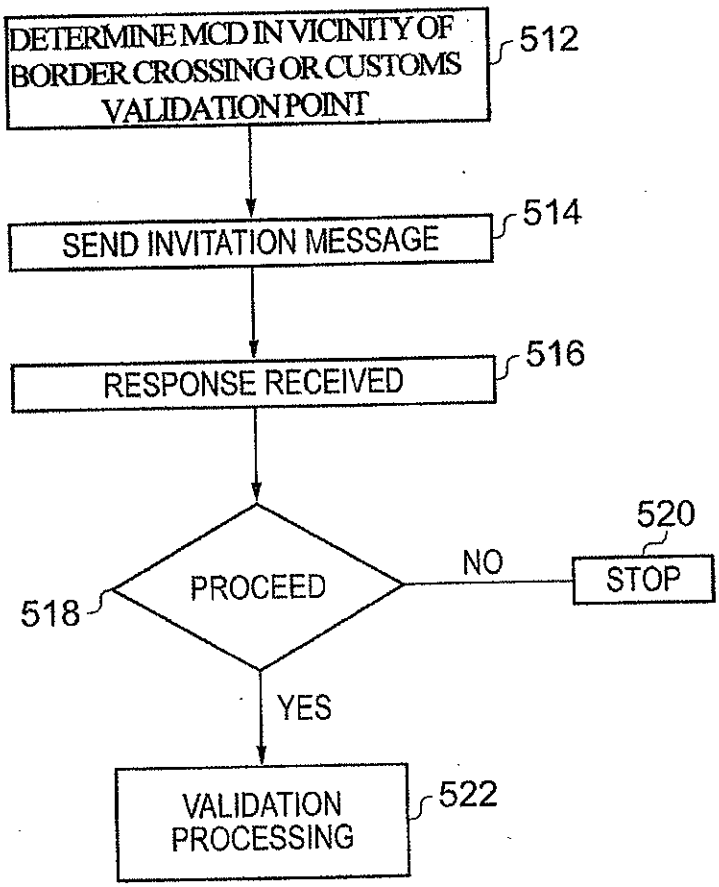

DETERMINE MCD IN VICINITY OF BORDER CROSSING OR CUSTOMS VALIDATION POINT
512
SEND INVITATION MESSAGE
514
RESPONSE RECEIVED
516
PROCEED
518
NO
STOP
520
YES
VALIDATION PROCESSING
522

FIG. 5

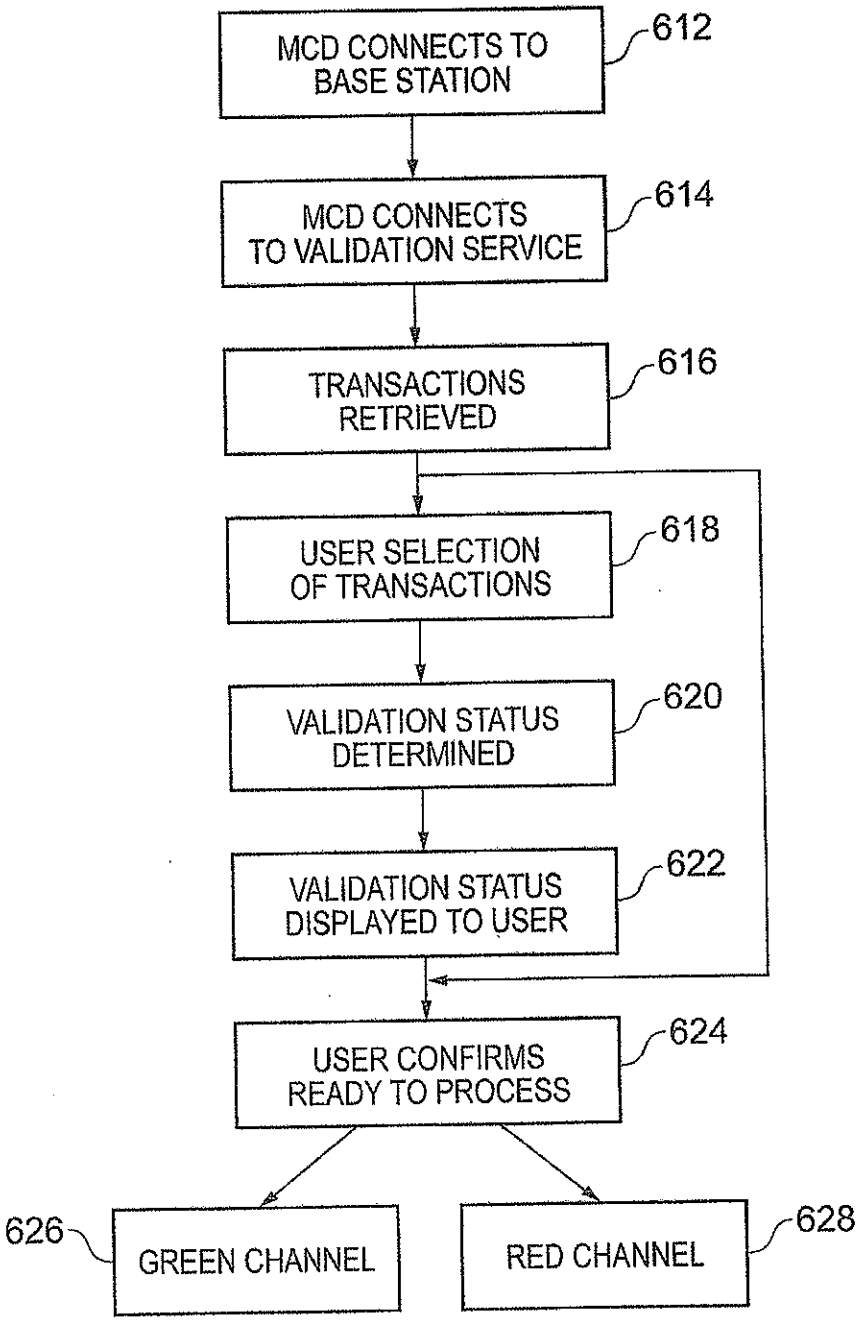

MCD CONNECTS TO BASE STATION
612
MCD CONNECTS TO VALIDATION SERVICE
614
TRANSACTIONS RETRIEVED
616
USER SELECTION OF TRANSACTIONS
618
VALIDATION STATUS DETERMINED
620
VALIDATION STATUS DISPLAYED TO USER
622
USER CONFIRMS READY TO PROCESS
624
626
GREEN CHANNEL
RED CHANNEL
628

FIG. 6

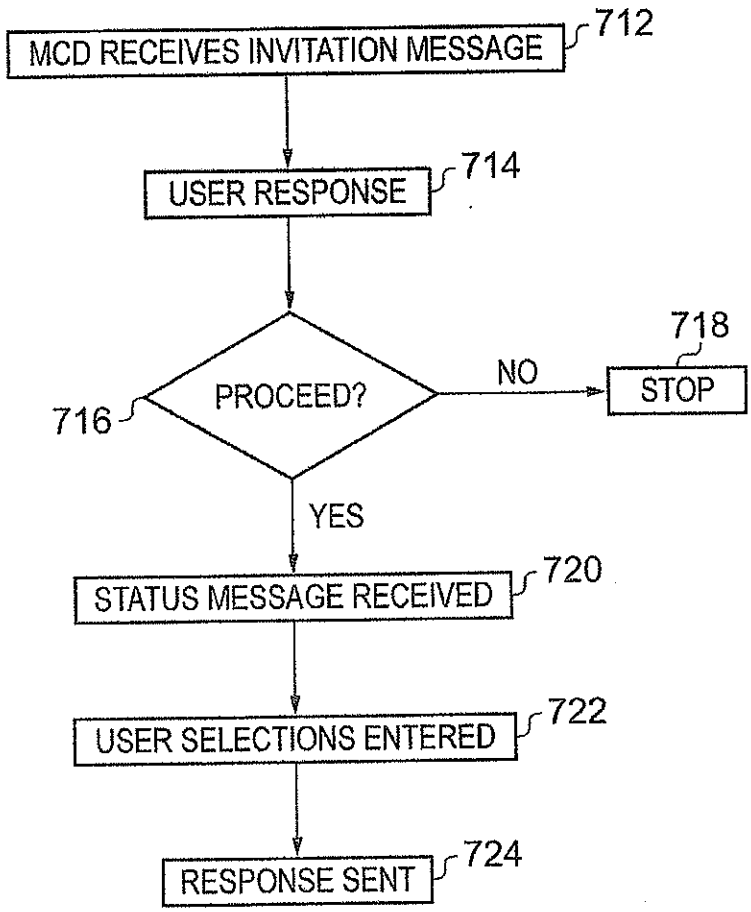

MCD RECEIVES INVITATION MESSAGE
712
USER RESPONSE
714
PROCEED?
716
NO
718
STOP
YES
STATUS MESSAGE RECEIVED
720
USER SELECTIONS ENTERED
722
RESPONSE SENT
724

FIG. 7