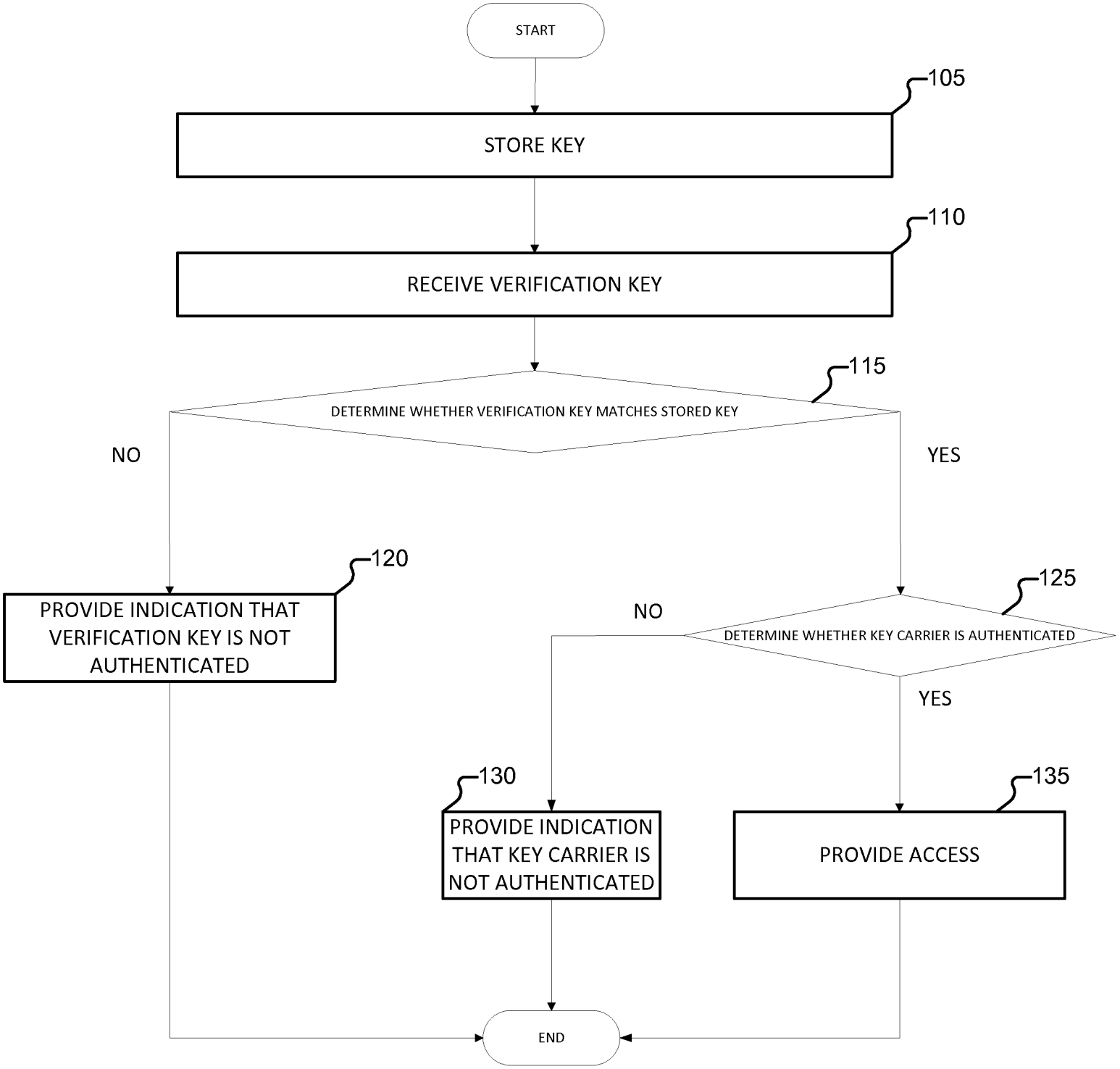
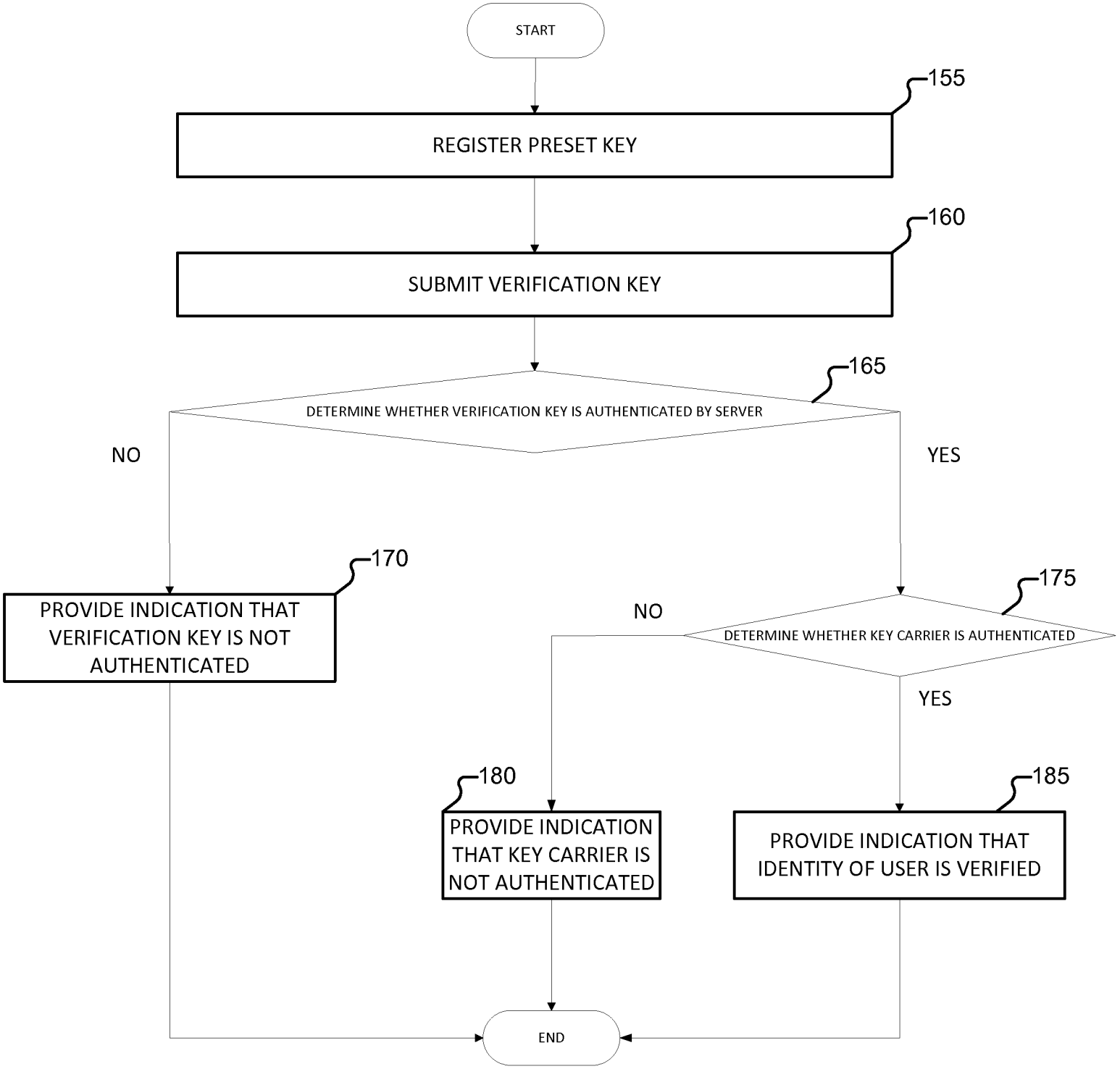

START
105
STORE KEY
110
RECEIVE VERIFICATION KEY
115
DETERMINE WHETHER VERIFICATION KEY MATCHES STORED KEY
NO
YES
120
PROVIDE INDICATION THAT VERIFICATION KEY IS NOT AUTHENTICATED
125
NO
DETERMINE WHETHER KEY CARRIER IS AUTHENTICATED
YES
130
PROVIDE INDICATION THAT KEY CARRIER IS NOT AUTHENTICATED
135
PROVIDE ACCESS
END

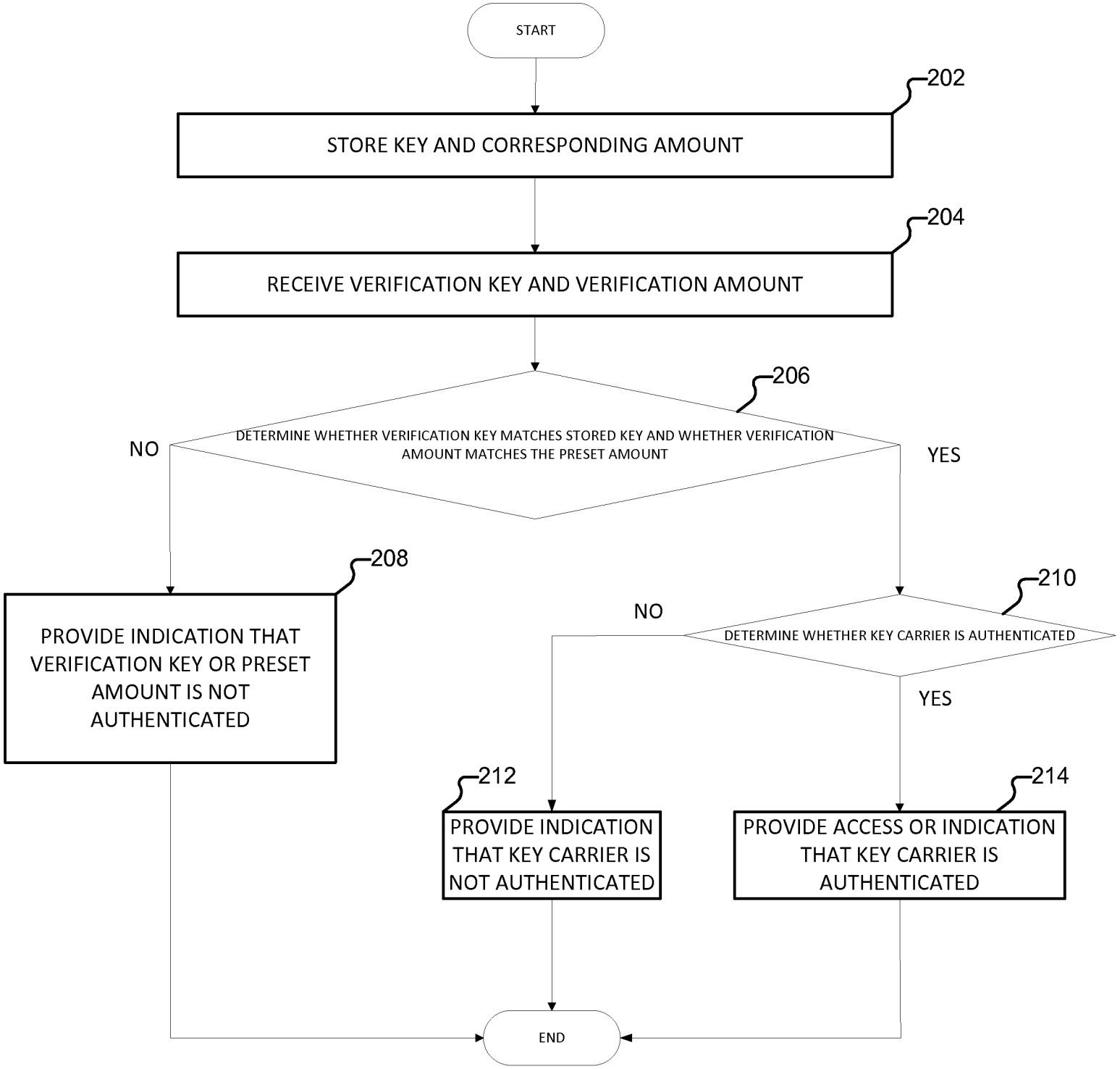
100

FIG. 1A


START
155
REGISTER PRESET KEY
160
SUBMIT VERIFICATION KEY
165
DETERMINE WHETHER VERIFICATION KEY IS AUTHENTICATED BY SERVER
NO
YES
170
PROVIDE INDICATION THAT VERIFICATION KEY IS NOT AUTHENTICATED
175
NO
DETERMINE WHETHER KEY CARRIER IS AUTHENTICATED
YES
180
PROVIDE INDICATION THAT KEY CARRIER IS NOT AUTHENTICATED
185
PROVIDE INDICATION THAT IDENTITY OF USER IS VERIFIED
END

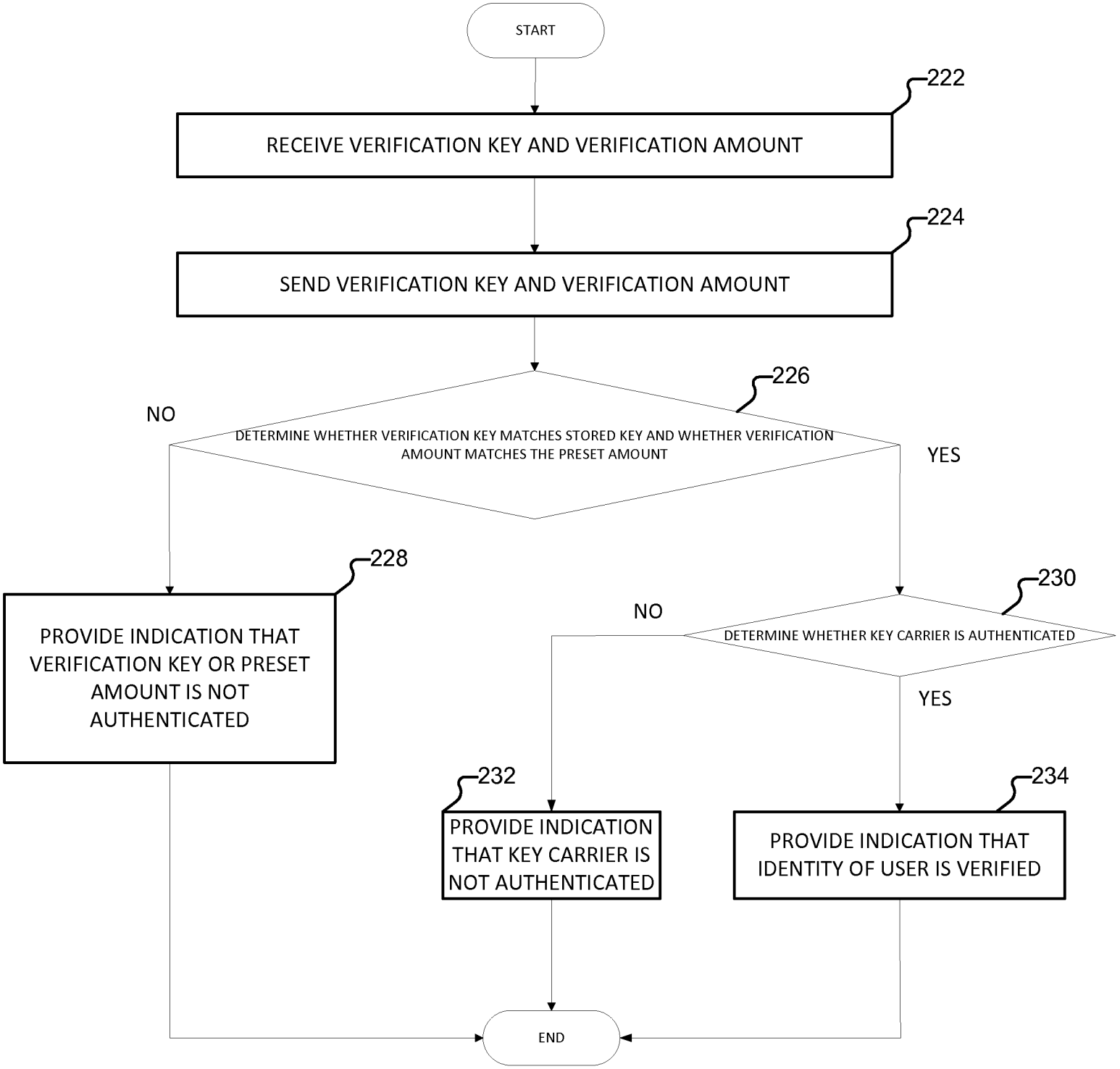
150

FIG. 1B


START
202
STORE KEY AND CORRESPONDING AMOUNT
204
RECEIVE VERIFICATION KEY AND VERIFICATION AMOUNT
206
DETERMINE WHETHER VERIFICATION KEY MATCHES STORED KEY AND WHETHER VERIFICATION AMOUNT MATCHES THE PRESET AMOUNT
NO
YES
208
PROVIDE INDICATION THAT VERIFICATION KEY OR PRESET AMOUNT IS NOT AUTHENTICATED
210
NO
DETERMINE WHETHER KEY CARRIER IS AUTHENTICATED
YES
212
PROVIDE INDICATION THAT KEY CARRIER IS NOT AUTHENTICATED
214
PROVIDE ACCESS OR INDICATION THAT KEY CARRIER IS AUTHENTICATED
END

200

FIG. 2A


START
222
RECEIVE VERIFICATION KEY AND VERIFICATION AMOUNT
224
SEND VERIFICATION KEY AND VERIFICATION AMOUNT
226
DETERMINE WHETHER VERIFICATION KEY MATCHES STORED KEY AND WHETHER VERIFICATION AMOUNT MATCHES THE PRESET AMOUNT
NO
YES
228
PROVIDE INDICATION THAT VERIFICATION KEY OR PRESET AMOUNT IS NOT AUTHENTICATED
230
DETERMINE WHETHER KEY CARRIER IS AUTHENTICATED
NO
YES
232
PROVIDE INDICATION THAT KEY CARRIER IS NOT AUTHENTICATED
234
PROVIDE INDICATION THAT IDENTITY OF USER IS VERIFIED
END

220

FIG. 2B

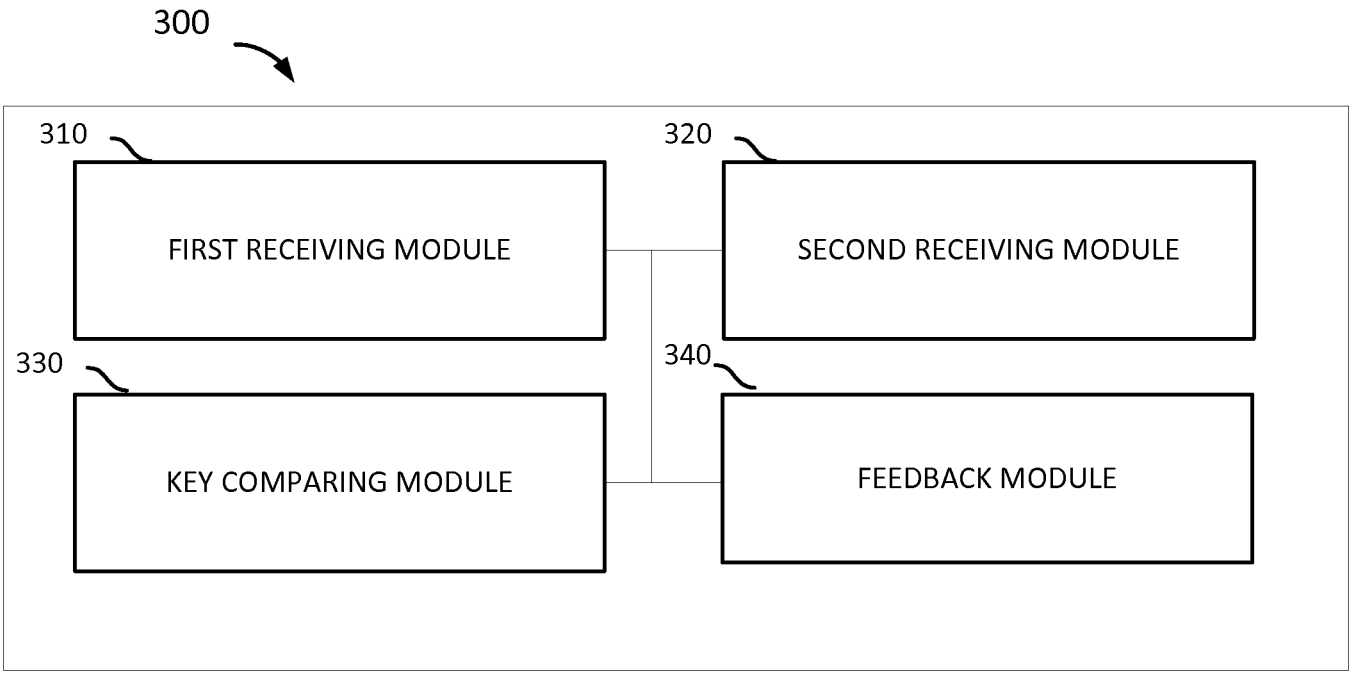

300
310
FIRST RECEIVING MODULE
320
SECOND RECEIVING MODULE
330
KEY COMPARING MODULE
340
FEEDBACK MODULE

FIG. 3

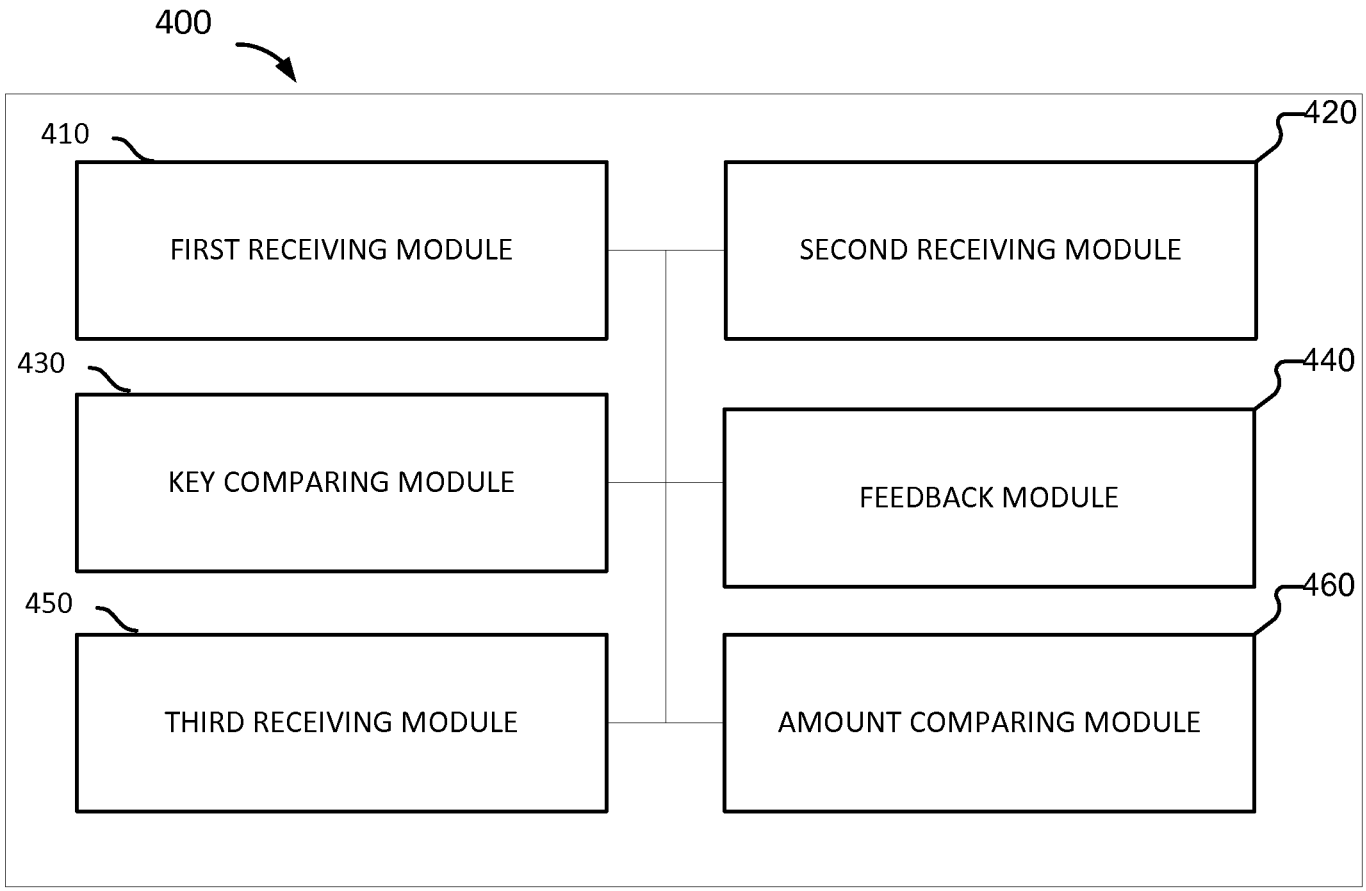

400
410
FIRST RECEIVING MODULE
420
SECOND RECEIVING MODULE
430
KEY COMPARING MODULE
440
FEEDBACK MODULE
450
THIRD RECEIVING MODULE
460
AMOUNT COMPARING MODULE

FIG. 4

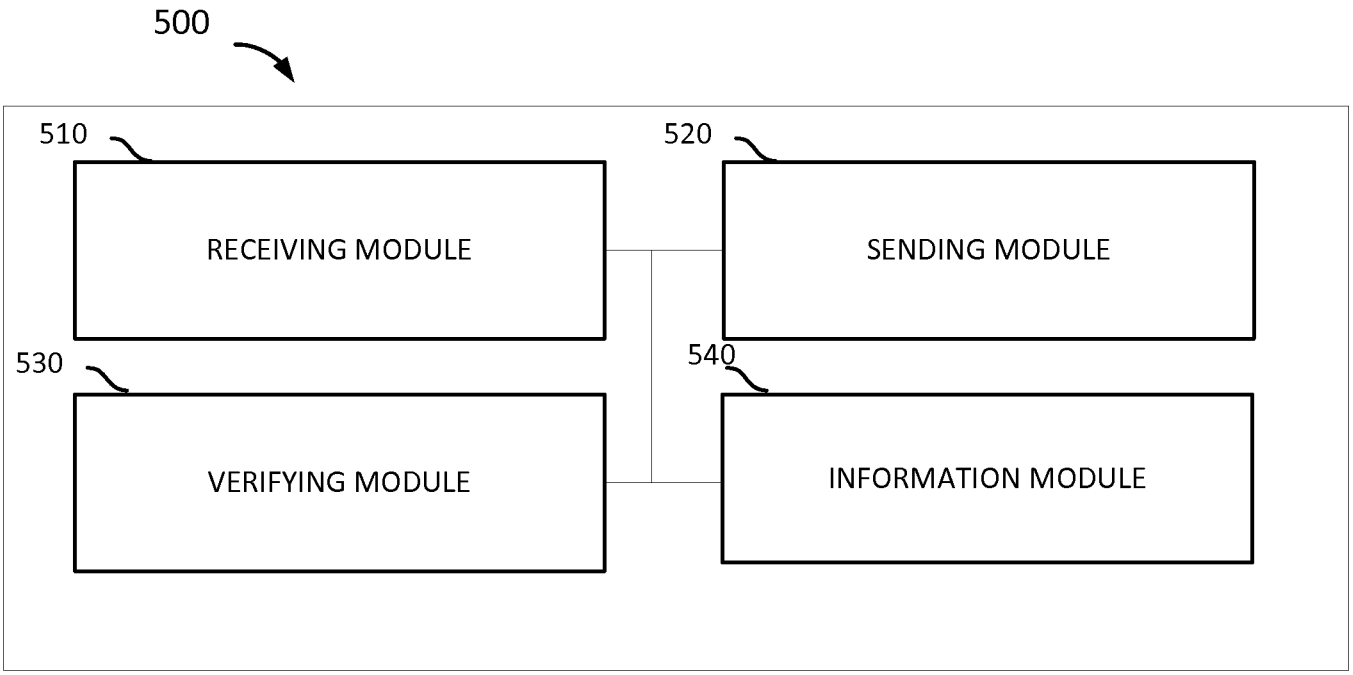

500
510
RECEIVING MODULE
520
SENDING MODULE
530
VERIFYING MODULE
540
INFORMATION MODULE

FIG. 5

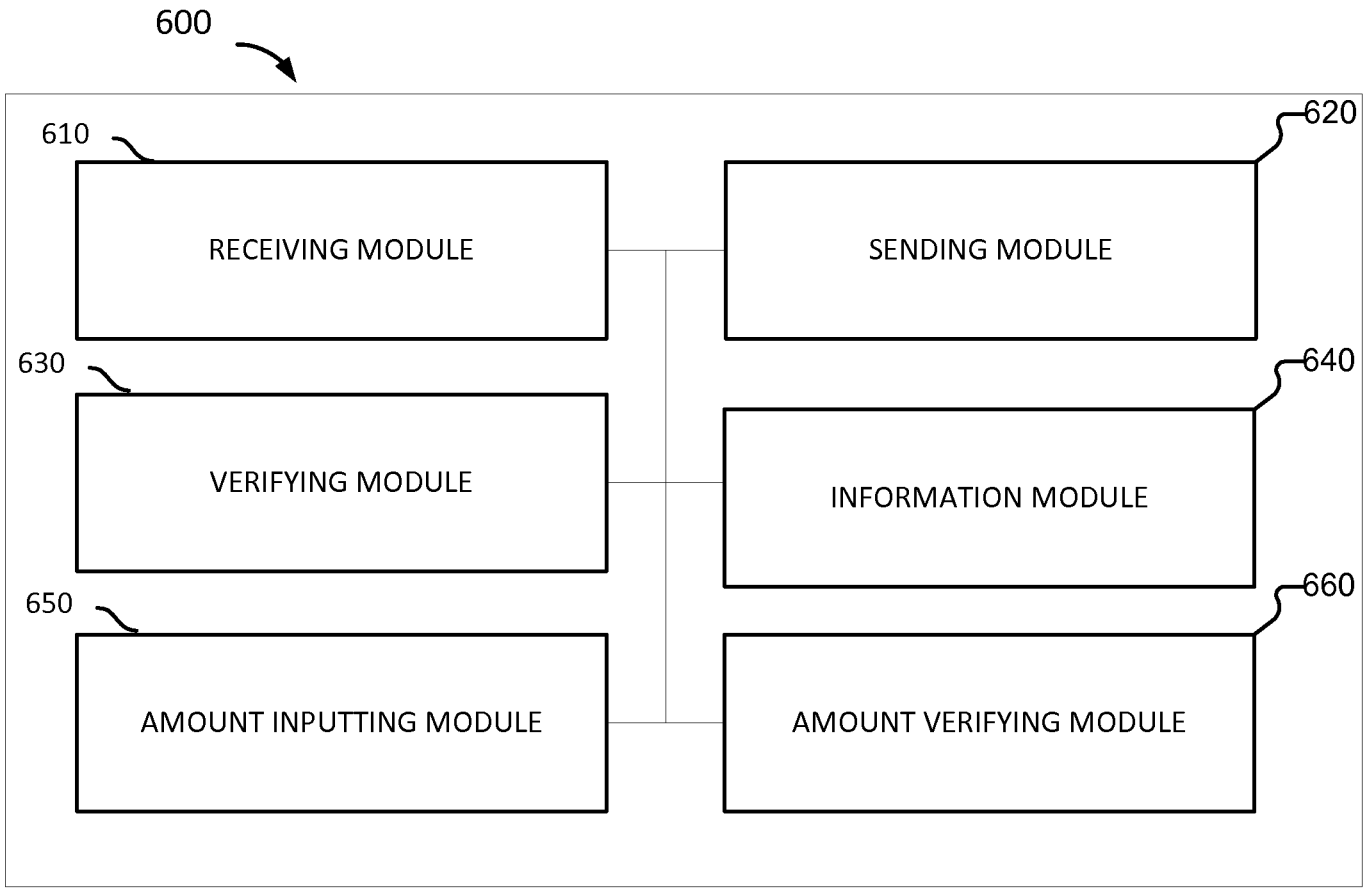

600
610
RECEIVING MODULE
620
SENDING MODULE
630
VERIFYING MODULE
640
INFORMATION MODULE
650
AMOUNT INPUTTING MODULE
660
AMOUNT VERIFYING MODULE

FIG. 6

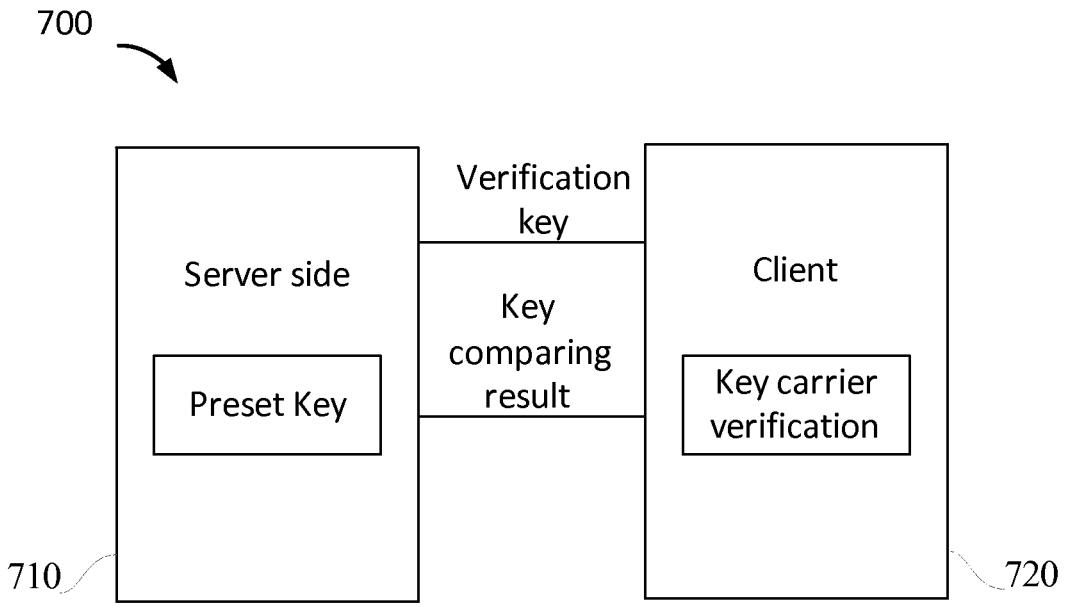

700
Server side
Preset Key
Verification key
Key comparing result
Client
Key carrier verification
710
720

FIG. 7

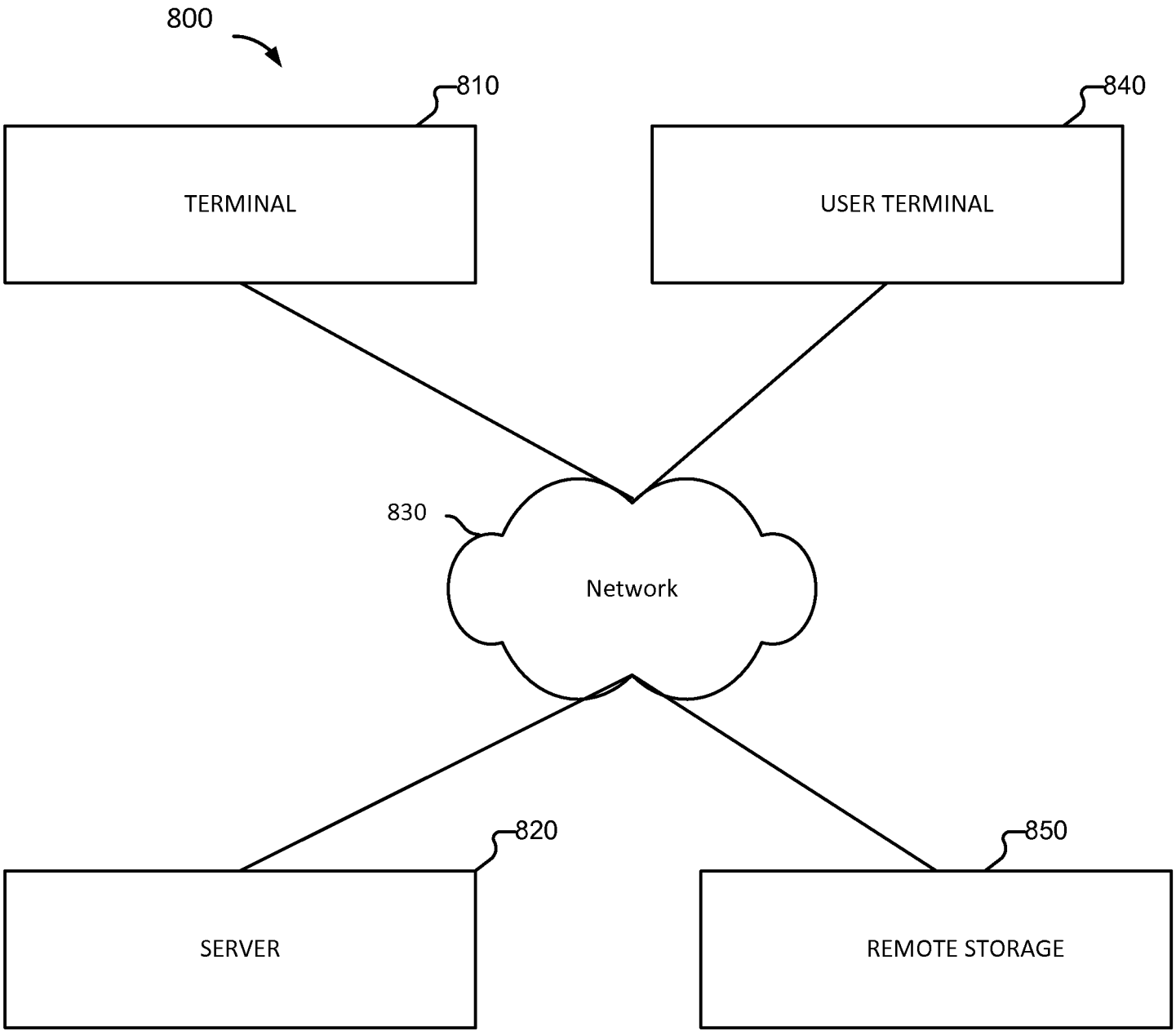

800
810
TERMINAL
840
USER TERMINAL
830
Network
820
SERVER
850
REMOTE STORAGE

FIG. 8

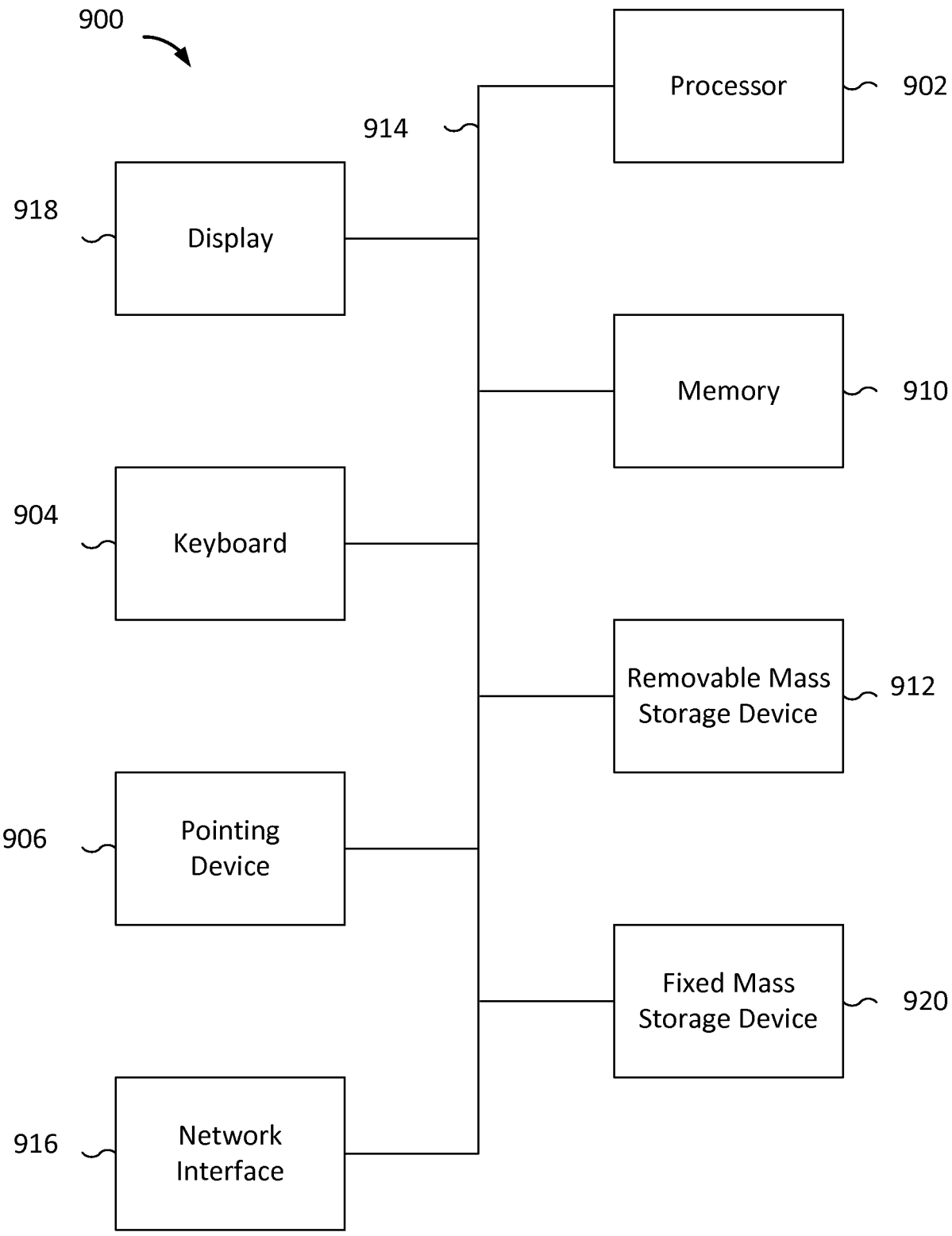

900
Processor
902
914
Display
918
Memory
910
Keyboard
904
Removable Mass Storage Device
912
Pointing Device
906
Fixed Mass Storage Device
920
Network Interface
916

FIG. 9