FIG. 1

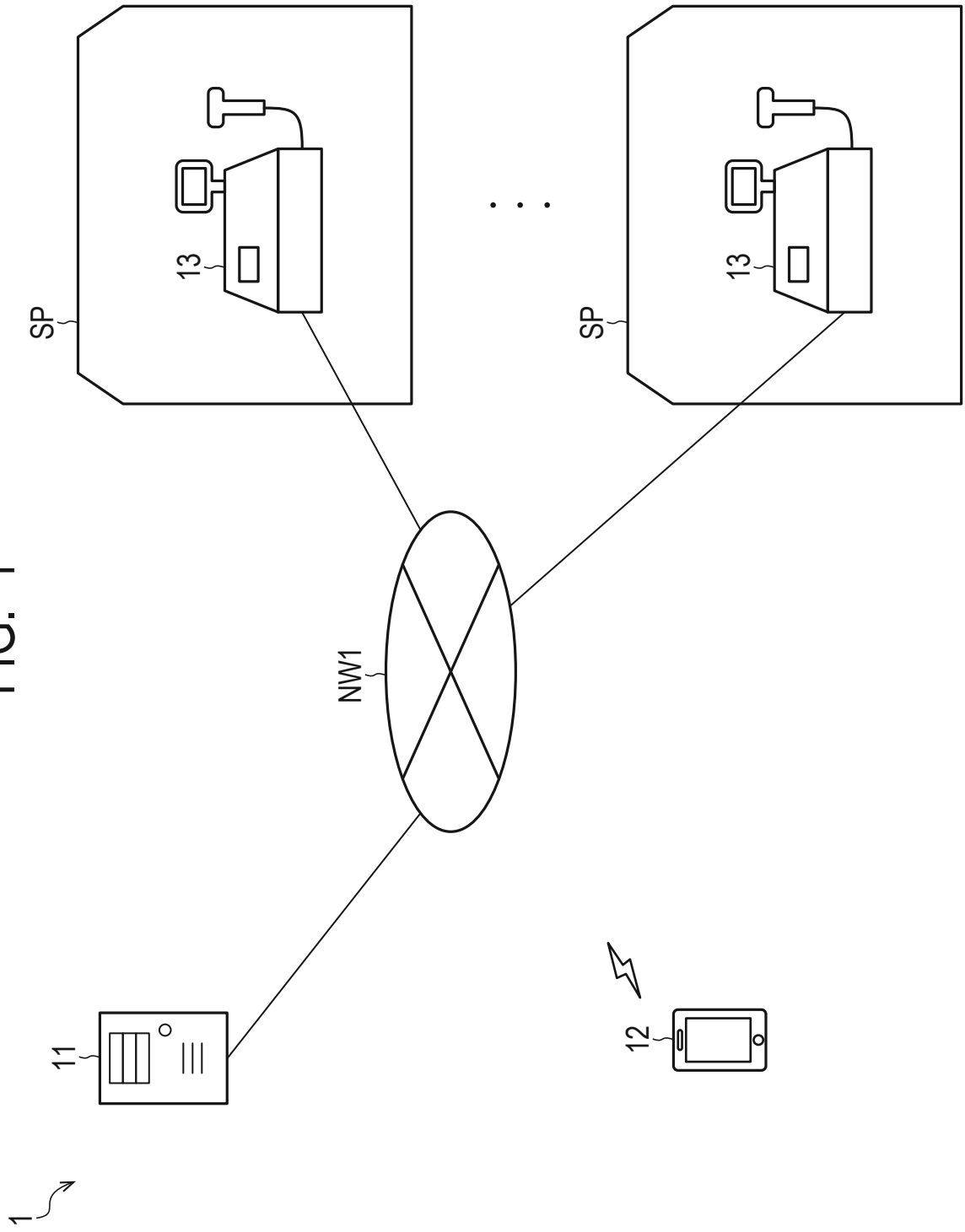


FIG. 2

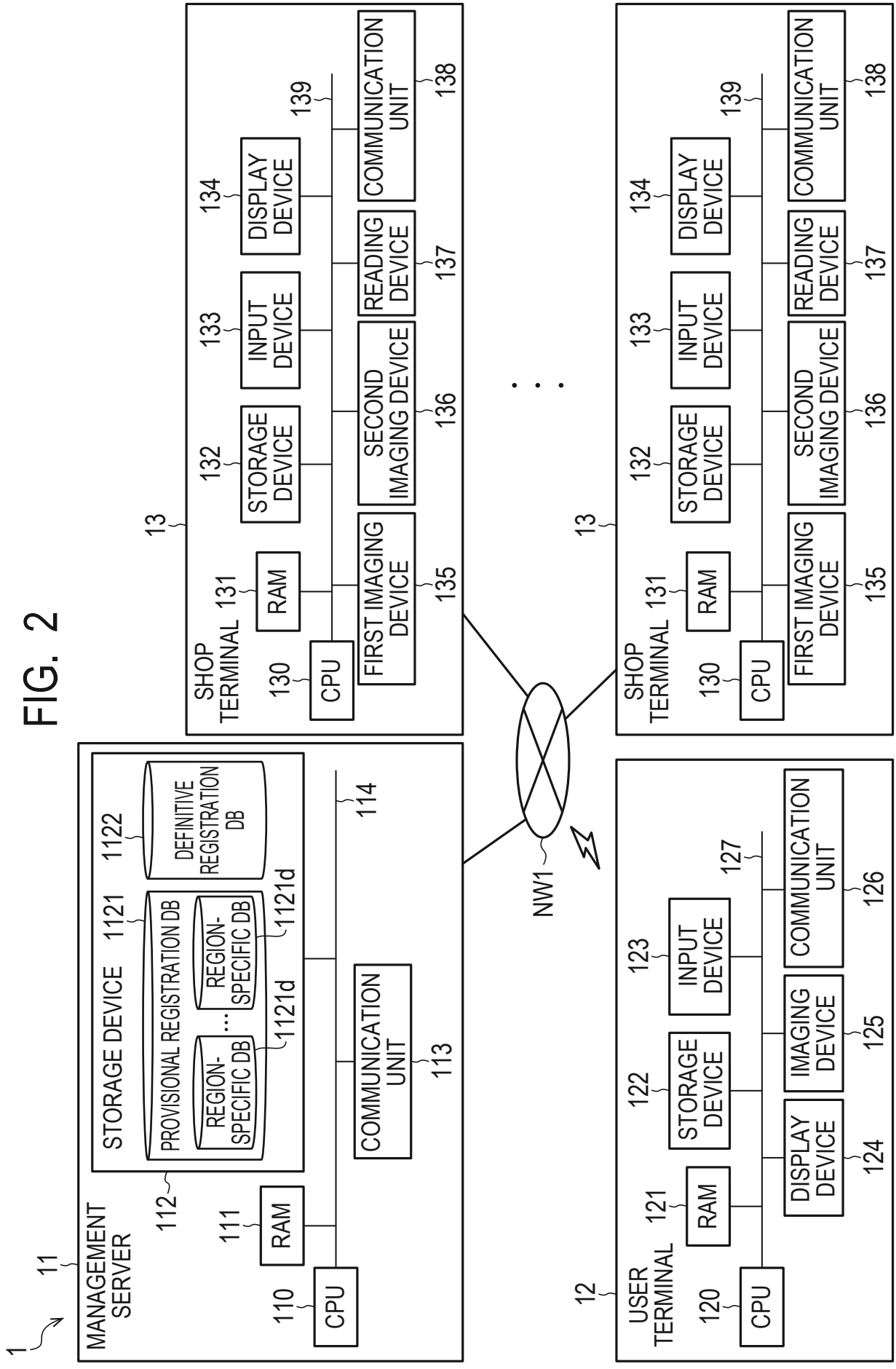

1
MANAGEMENT SERVER
11
CPU
110
RAM
111
112
STORAGE DEVICE
1121
PROVISIONAL REGISTRATION DB
REGION-SPECIFIC DB
1121d
DEFINITIVE REGISTRATION DB
1122
COMMUNICATION UNIT
113
114
NW1
SHOP TERMINAL
13
CPU
130
RAM
131
STORAGE DEVICE
132
INPUT DEVICE
133
DISPLAY DEVICE
134
FIRST IMAGING DEVICE
135
SECOND IMAGING DEVICE
136
READING DEVICE
137
COMMUNICATION UNIT
138
139
USER TERMINAL
12
CPU
120
RAM
121
STORAGE DEVICE
122
INPUT DEVICE
123
DISPLAY DEVICE
124
IMAGING DEVICE
125
COMMUNICATION UNIT
126
127

FIG. 3

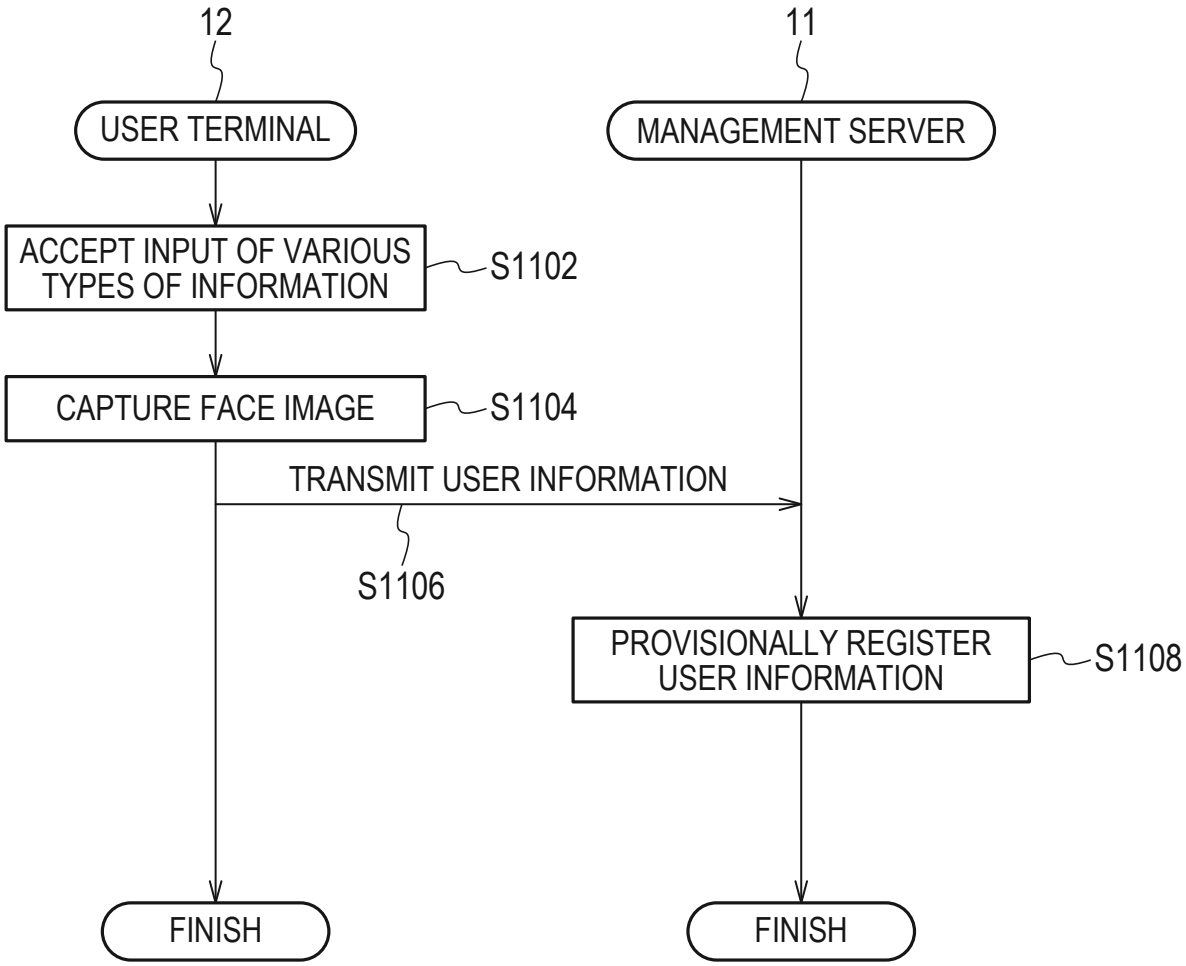

12
11
USER TERMINAL
MANAGEMENT SERVER
ACCEPT INPUT OF VARIOUS TYPES OF INFORMATION
S1102
CAPTURE FACE IMAGE
S1104
TRANSMIT USER INFORMATION
S1106
PROVISIONALLY REGISTER USER INFORMATION
S1108
FINISH
FINISH

FIG. 4

1121

USER ID	FULL NAME	DATE OF BIRTH	ADDRESS	TELEPHONE NUMBER	PAYMENT MEANS INFORMATION	FACE INFORMATION	VISIT SHOP LOCATION INFORMATION
a0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX		AA PREFECTURE
a0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX		AA PREFECTURE
a0003	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX		AA PREFECTURE
				⋮			

1121d

USER ID	FULL NAME	DATE OF BIRTH	ADDRESS	TELEPHONE NUMBER	PAYMENT MEANS INFORMATION	FACE INFORMATION	VISIT SHOP LOCATION INFORMATION
b0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX		BB PREFECTURE
b0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX		BB PREFECTURE
b0003	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX		BB PREFECTURE
				⋮			

1121d

USER ID	FULL NAME	DATE OF BIRTH	ADDRESS	TELEPHONE NUMBER	PAYMENT MEANS INFORMATION	FACE INFORMATION	VISIT SHOP LOCATION INFORMATION
c0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX		CC PREFECTURE
c0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX		CC PREFECTURE
c0003	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX		CC PREFECTURE
				⋮			

⋮

1121d

FIG. 5

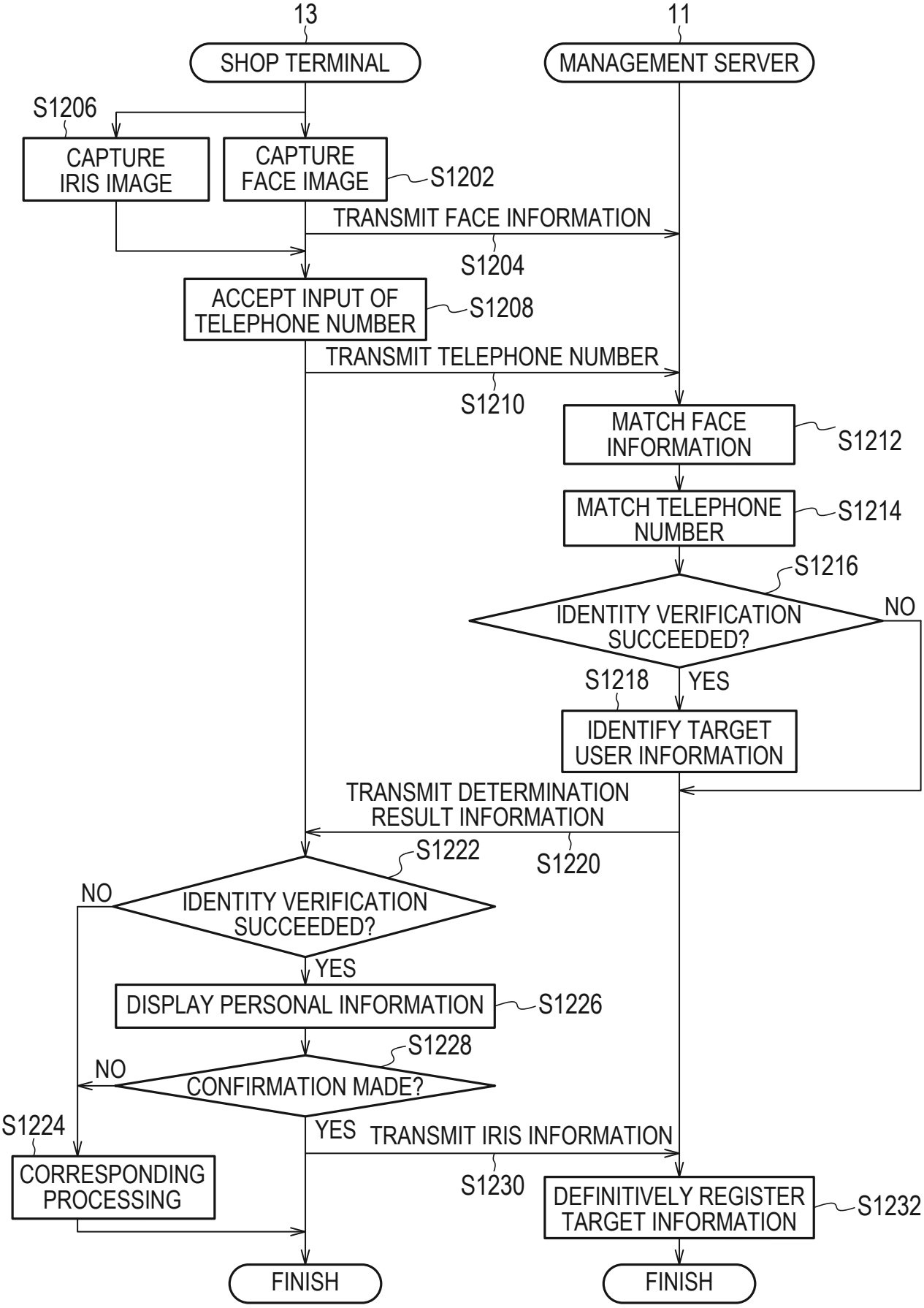

13
11
SHOP TERMINAL
MANAGEMENT SERVER
S1206
CAPTURE IRIS IMAGE
CAPTURE FACE IMAGE
S1202
TRANSMIT FACE INFORMATION
S1204
ACCEPT INPUT OF TELEPHONE NUMBER
S1208
TRANSMIT TELEPHONE NUMBER
S1210
MATCH FACE INFORMATION
S1212
MATCH TELEPHONE NUMBER
S1214
S1216
IDENTITY VERIFICATION SUCCEEDED?
NO
S1218
YES
IDENTIFY TARGET USER INFORMATION
TRANSMIT DETERMINATION RESULT INFORMATION
S1220
S1222
NO
IDENTITY VERIFICATION SUCCEEDED?
YES
DISPLAY PERSONAL INFORMATION
S1226
S1228
NO
CONFIRMATION MADE?
S1224
YES
TRANSMIT IRIS INFORMATION
S1230
CORRESPONDING PROCESSING
DEFINITIVELY REGISTER TARGET INFORMATION
S1232
FINISH
FINISH

FIG. 6

1122

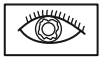
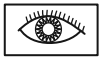
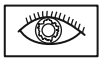
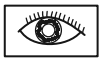
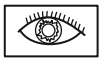
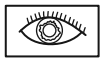
USER ID	FULL NAME	DATE OF BIRTH	ADDRESS	TELEPHONE NUMBER	PAYMENT MEANS INFORMATION	FACE INFORMATION	IRIS INFORMATION	VISIT SHOP LOCATION INFORMATION
b0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX			BB PREFECTURE
a0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX			AA PREFECTURE
c0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX			CC PREFECTURE
a0003	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX			AA PREFECTURE
b0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX			BB PREFECTURE
c0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX			CC PREFECTURE
⋮								

FIG. 7

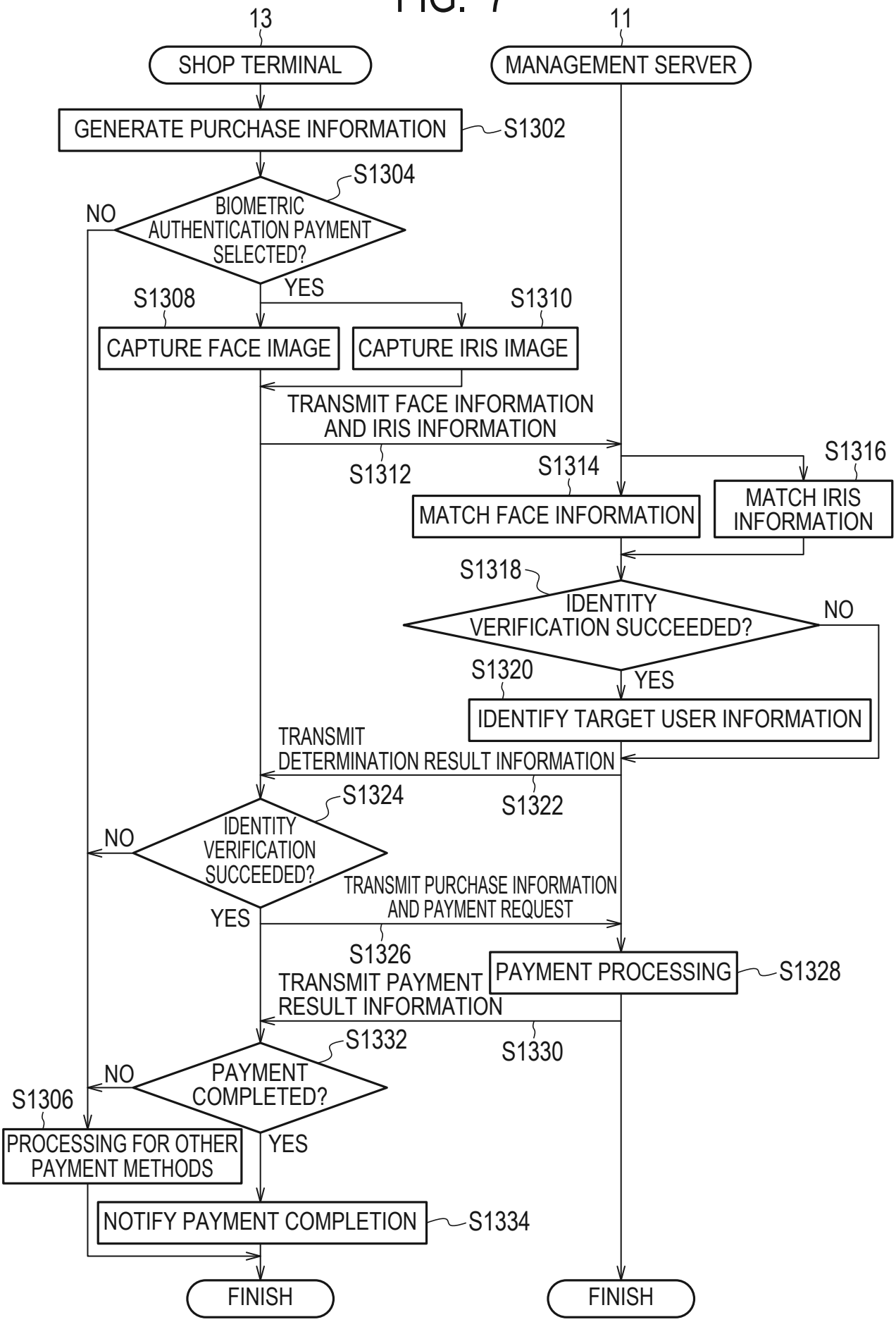

13
SHOP TERMINAL
11
MANAGEMENT SERVER
GENERATE PURCHASE INFORMATION
S1302
S1304
BIOMETRIC AUTHENTICATION PAYMENT SELECTED?
NO
YES
S1308
CAPTURE FACE IMAGE
S1310
CAPTURE IRIS IMAGE
TRANSMIT FACE INFORMATION AND IRIS INFORMATION
S1312
S1314
MATCH FACE INFORMATION
S1316
MATCH IRIS INFORMATION
S1318
IDENTITY VERIFICATION SUCCEEDED?
NO
YES
S1320
IDENTIFY TARGET USER INFORMATION
TRANSMIT DETERMINATION RESULT INFORMATION
S1322
S1324
IDENTITY VERIFICATION SUCCEEDED?
NO
YES
TRANSMIT PURCHASE INFORMATION AND PAYMENT REQUEST
S1326
PAYMENT PROCESSING
S1328
TRANSMIT PAYMENT RESULT INFORMATION
S1330
S1332
PAYMENT COMPLETED?
NO
YES
S1306
PROCESSING FOR OTHER PAYMENT METHODS
NOTIFY PAYMENT COMPLETION
S1334
FINISH
FINISH

FIG. 8

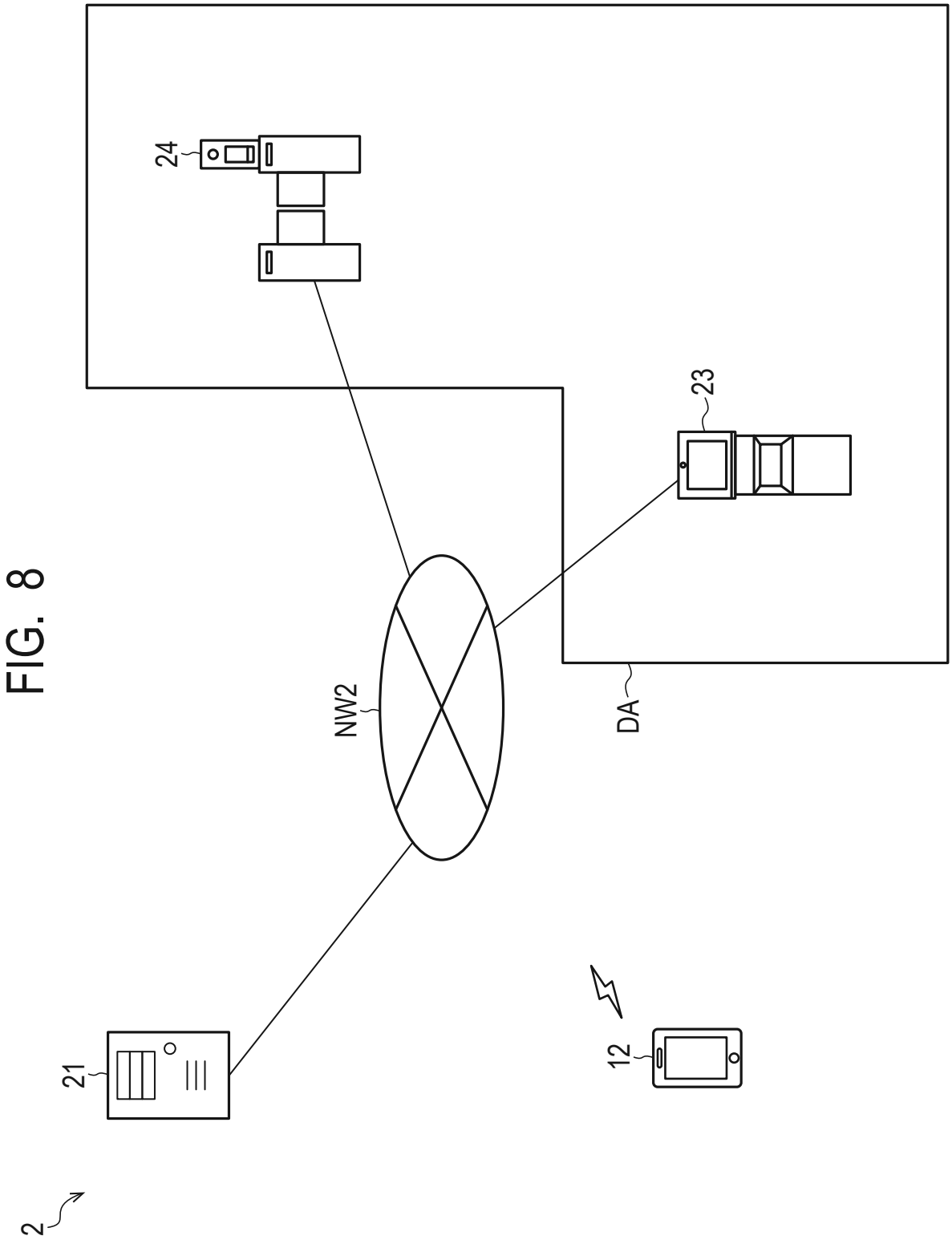


FIG. 9

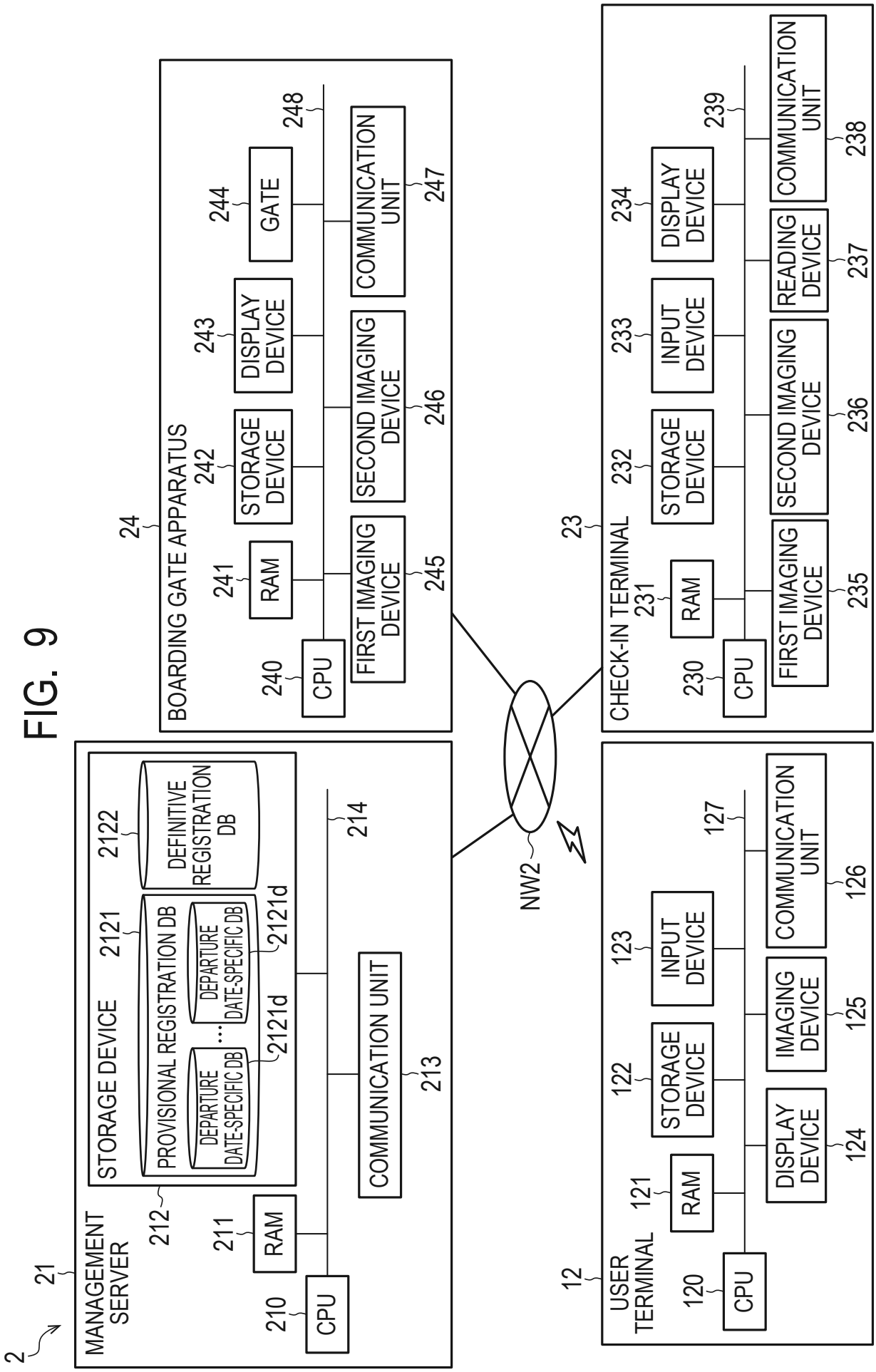

2
MANAGEMENT SERVER
21
CPU
210
RAM
211
STORAGE DEVICE
212
PROVISIONAL REGISTRATION DB
2121
DEPARTURE DATE-SPECIFIC DB
2121d
DEPARTURE DATE-SPECIFIC DB
2121d
DEFINITIVE REGISTRATION DB
2122
COMMUNICATION UNIT
213
214
NW2
BOARDING GATE APPARATUS
24
CPU
240
RAM
241
STORAGE DEVICE
242
DISPLAY DEVICE
243
GATE
244
FIRST IMAGING DEVICE
245
SECOND IMAGING DEVICE
246
COMMUNICATION UNIT
247
248
CHECK-IN TERMINAL
23
CPU
230
RAM
231
STORAGE DEVICE
232
INPUT DEVICE
233
DISPLAY DEVICE
234
FIRST IMAGING DEVICE
235
SECOND IMAGING DEVICE
236
READING DEVICE
237
COMMUNICATION UNIT
238
239
USER TERMINAL
12
CPU
120
RAM
121
STORAGE DEVICE
122
INPUT DEVICE
123
DISPLAY DEVICE
124
IMAGING DEVICE
125
COMMUNICATION UNIT
126
127

FIG. 10

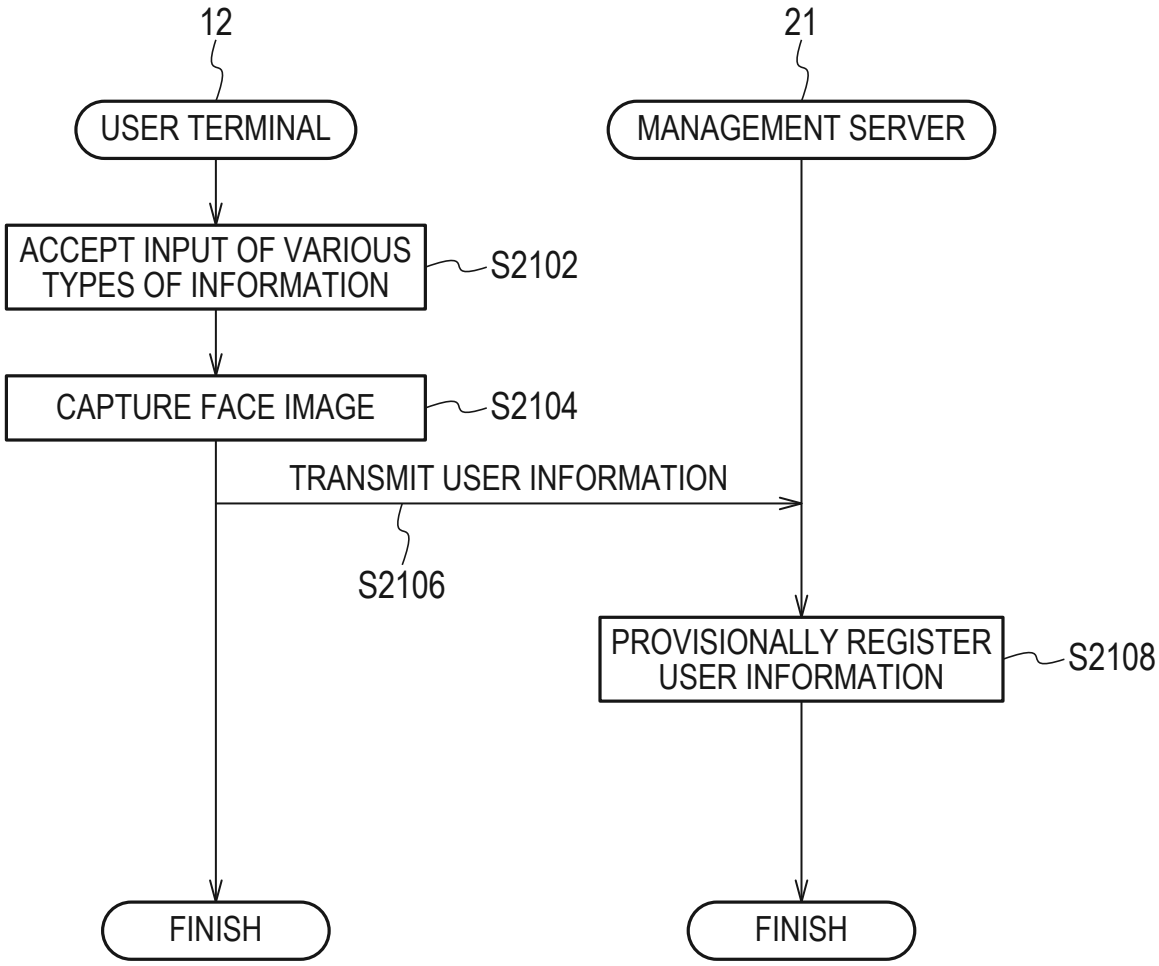

12
21
USER TERMINAL
MANAGEMENT SERVER
ACCEPT INPUT OF VARIOUS TYPES OF INFORMATION
S2102
CAPTURE FACE IMAGE
S2104
TRANSMIT USER INFORMATION
S2106
PROVISIONALLY REGISTER USER INFORMATION
S2108
FINISH
FINISH

FIG. 11

2121

USER ID	FULL NAME	DATE OF BIRTH	ADDRESS	TELEPHONE NUMBER	PASSPORT NUMBER	PAYMENT MEANS INFORMATION	FACE INFORMATION	FLIGHT RESERVATION INFORMATION
a0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX		XXX 2019/7/7 XXX
a0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX		XXX 2019/7/7 XXX
a0003	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX		XXX 2019/7/7 XXX
				⋮				

2121d

USER ID	FULL NAME	DATE OF BIRTH	ADDRESS	TELEPHONE NUMBER	PASSPORT NUMBER	PAYMENT MEANS INFORMATION	FACE INFORMATION	FLIGHT RESERVATION INFORMATION
b0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX		XXX 2019/7/8 XXX
b0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX		XXX 2019/7/8 XXX
b0003	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX		XXX 2019/7/8 XXX
				⋮				

2121d

USER ID	FULL NAME	DATE OF BIRTH	ADDRESS	TELEPHONE NUMBER	PASSPORT NUMBER	PAYMENT MEANS INFORMATION	FACE INFORMATION	FLIGHT RESERVATION INFORMATION
c0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX		XXX 2019/7/9 XXX
c0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX		XXX 2019/7/9 XXX
c0003	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX		XXX 2019/7/9 XXX
				⋮				

⋮

FIG. 12

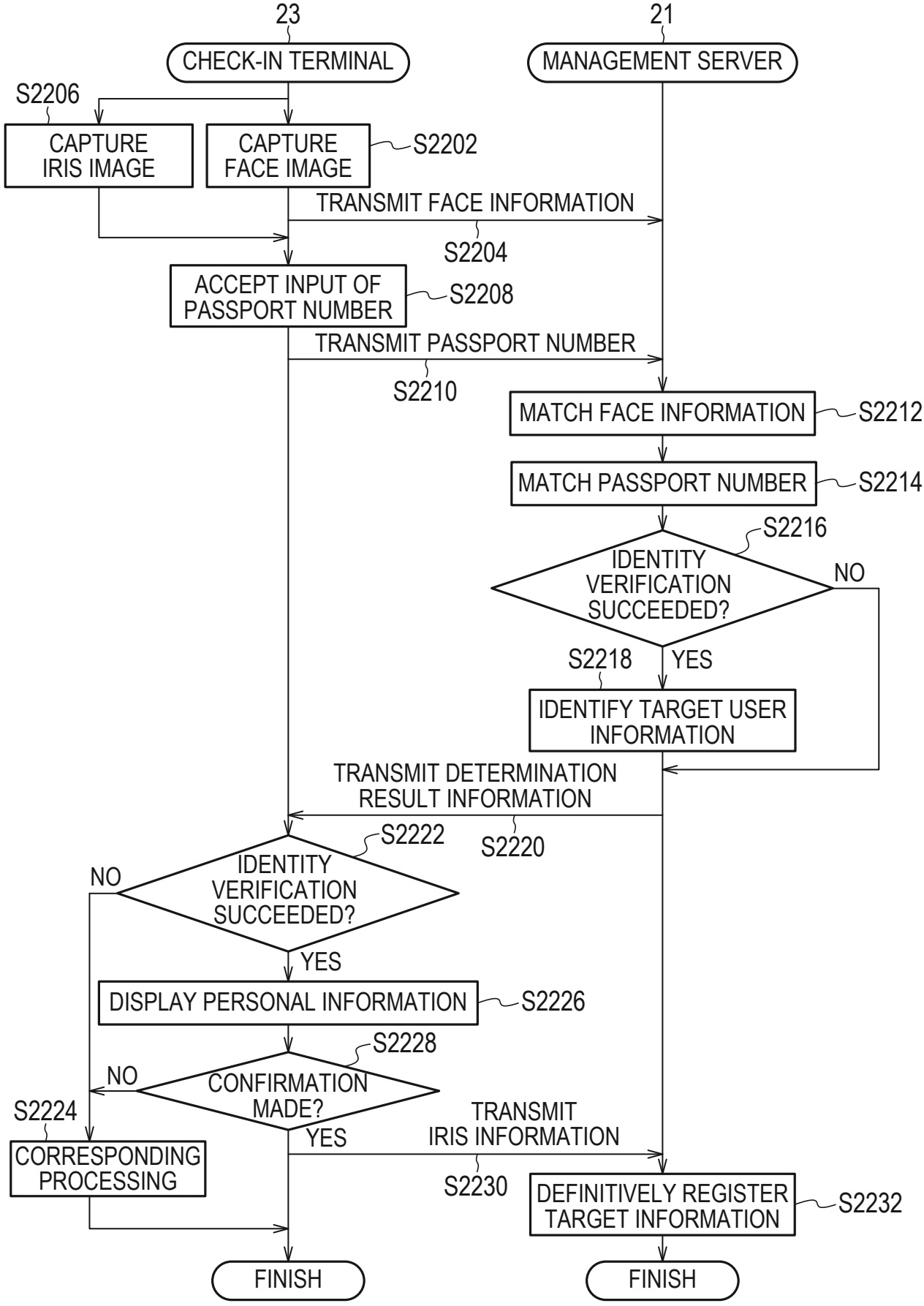

23
21
CHECK-IN TERMINAL
MANAGEMENT SERVER
S2206
CAPTURE IRIS IMAGE
CAPTURE FACE IMAGE
S2202
TRANSMIT FACE INFORMATION
S2204
ACCEPT INPUT OF PASSPORT NUMBER
S2208
TRANSMIT PASSPORT NUMBER
S2210
MATCH FACE INFORMATION
S2212
MATCH PASSPORT NUMBER
S2214
S2216
IDENTITY VERIFICATION SUCCEEDED?
NO
S2218
YES
IDENTIFY TARGET USER INFORMATION
TRANSMIT DETERMINATION RESULT INFORMATION
S2220
S2222
IDENTITY VERIFICATION SUCCEEDED?
NO
YES
DISPLAY PERSONAL INFORMATION
S2226
S2228
CONFIRMATION MADE?
NO
S2224
CORRESPONDING PROCESSING
YES
TRANSMIT IRIS INFORMATION
S2230
DEFINITIVELY REGISTER TARGET INFORMATION
S2232
FINISH
FINISH

FIG. 13

2122

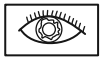
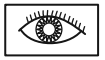
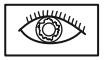
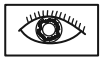
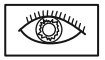
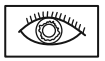
USER ID	FULL NAME	DATE OF BIRTH	ADDRESS	TELEPHONE NUMBER	PASSPORT NUMBER	PAYMENT MEANS INFORMATION	FACE INFORMATION	IRIS INFORMATION	FLIGHT RESERVATION INFORMATION
b0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX			XXX 2019/7/8 XXX
a0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX			XXX 2019/7/7 XXX
c0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX			XXX 2019/7/9 XXX
a0003	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX			XXX 2019/7/7 XXX
b0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX			XXX 2019/7/8 XXX
c0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX			XXX 2019/7/9 XXX
⋮									

FIG. 14

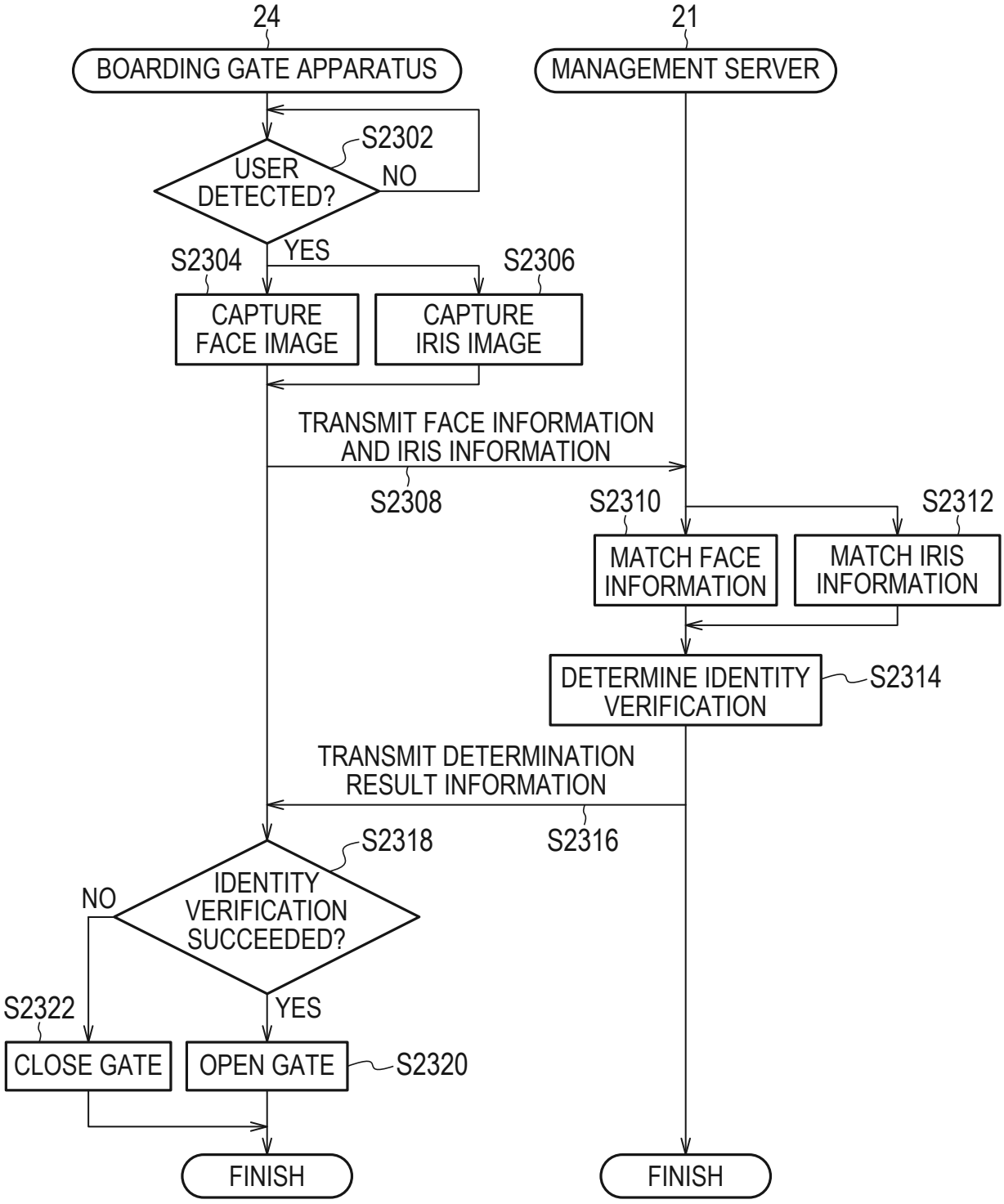

24
21
BOARDING GATE APPARATUS
MANAGEMENT SERVER
S2302
USER DETECTED?
NO
YES
S2304
S2306
CAPTURE FACE IMAGE
CAPTURE IRIS IMAGE
TRANSMIT FACE INFORMATION AND IRIS INFORMATION
S2308
S2310
S2312
MATCH FACE INFORMATION
MATCH IRIS INFORMATION
DETERMINE IDENTITY VERIFICATION
S2314
TRANSMIT DETERMINATION RESULT INFORMATION
S2316
S2318
IDENTITY VERIFICATION SUCCEEDED?
NO
YES
S2322
CLOSE GATE
OPEN GATE
S2320
FINISH
FINISH

FIG. 15

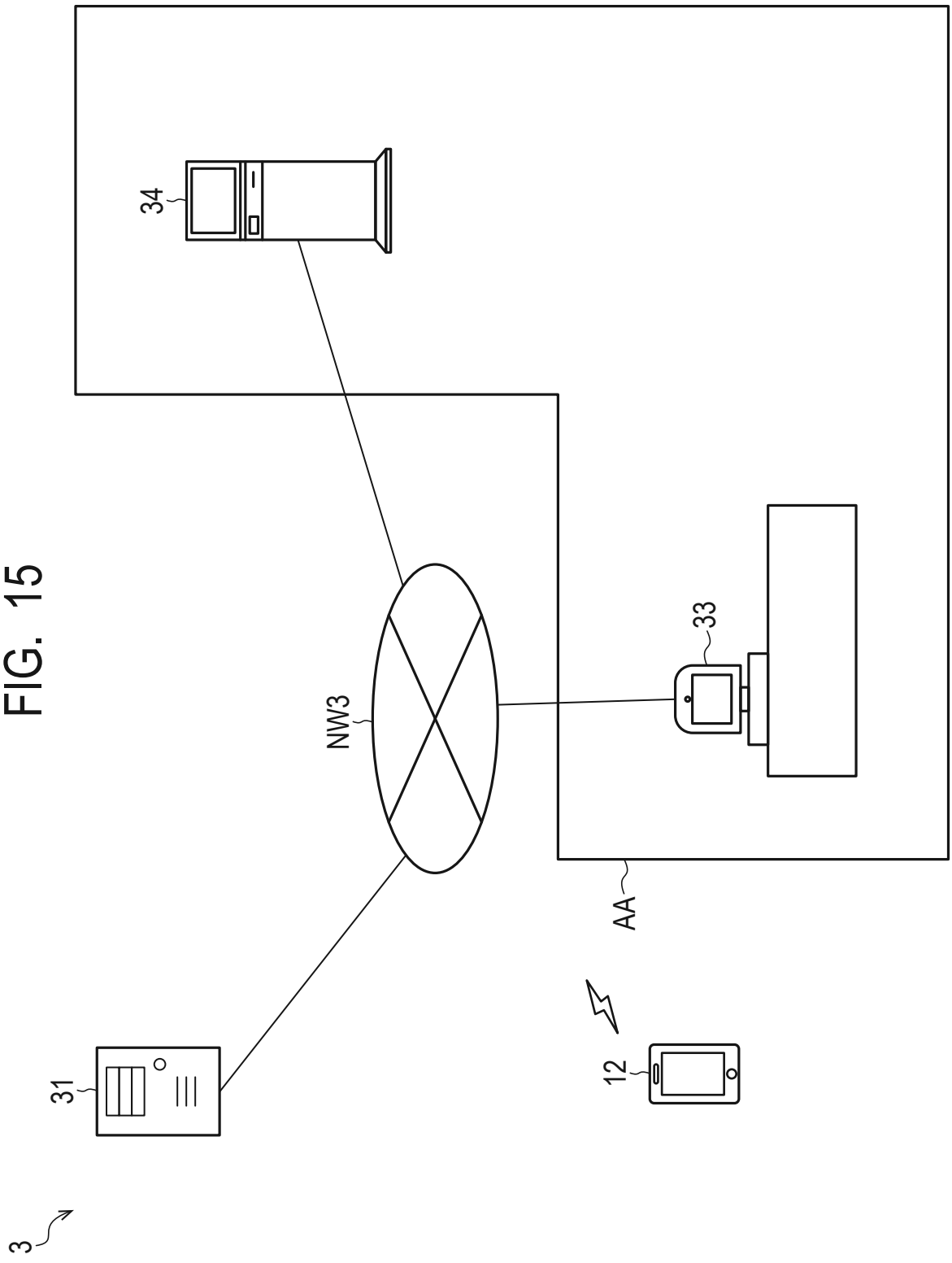


FIG. 16

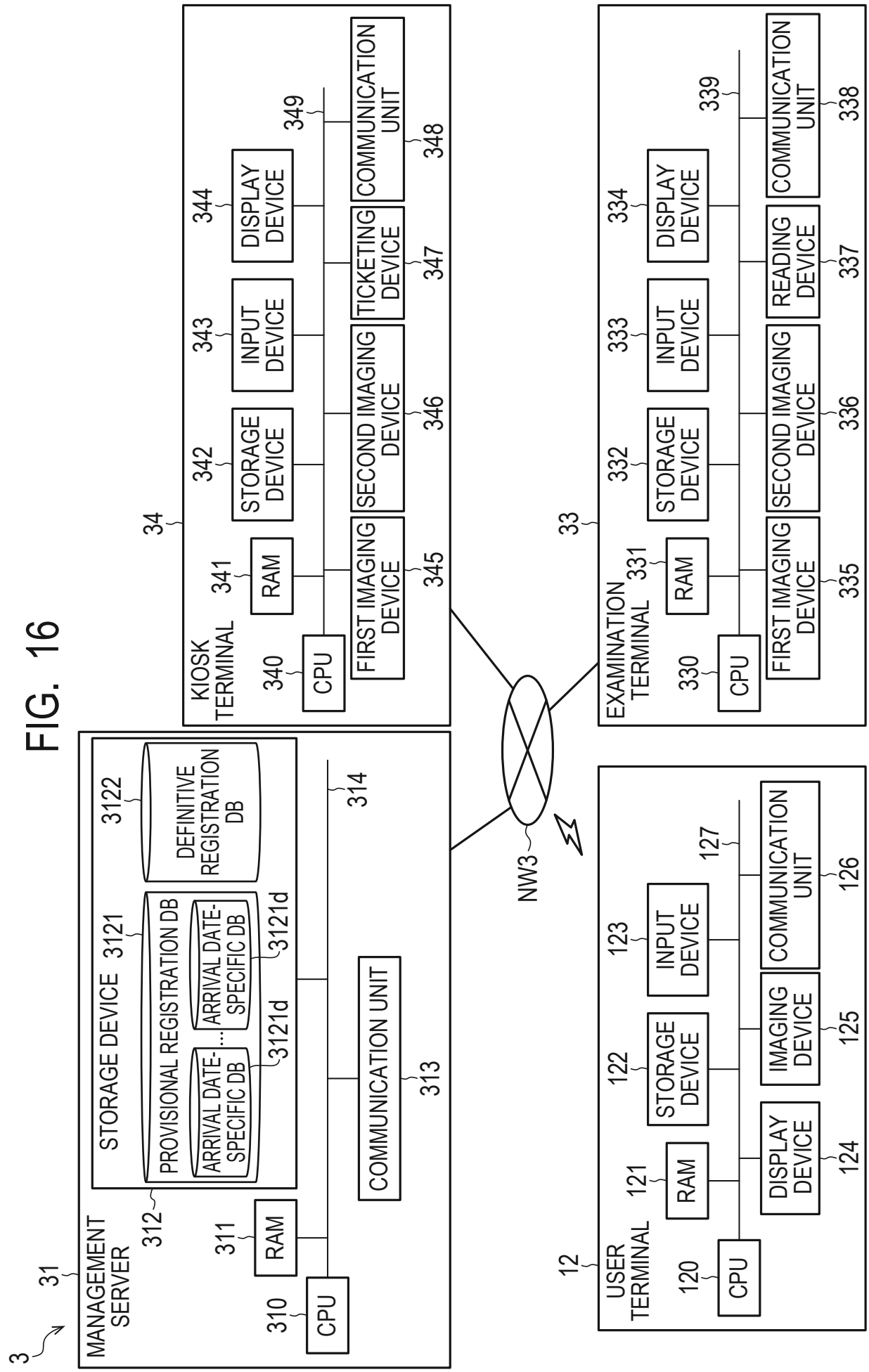

3
MANAGEMENT SERVER
31
310
CPU
311
RAM
312
STORAGE DEVICE
3121
PROVISIONAL REGISTRATION DB
ARRIVAL DATE-SPECIFIC DB
3121d
ARRIVAL DATE-SPECIFIC DB
3121d
3122
DEFINITIVE REGISTRATION DB
313
COMMUNICATION UNIT
314
NW3
34
KIOSK TERMINAL
340
CPU
341
RAM
342
STORAGE DEVICE
343
INPUT DEVICE
344
DISPLAY DEVICE
345
FIRST IMAGING DEVICE
346
SECOND IMAGING DEVICE
347
TICKETING DEVICE
348
COMMUNICATION UNIT
349
33
EXAMINATION TERMINAL
330
CPU
331
RAM
332
STORAGE DEVICE
333
INPUT DEVICE
334
DISPLAY DEVICE
335
FIRST IMAGING DEVICE
336
SECOND IMAGING DEVICE
337
READING DEVICE
338
COMMUNICATION UNIT
339
12
USER TERMINAL
120
CPU
121
RAM
122
STORAGE DEVICE
123
INPUT DEVICE
124
DISPLAY DEVICE
125
IMAGING DEVICE
126
COMMUNICATION UNIT
127

FIG. 17

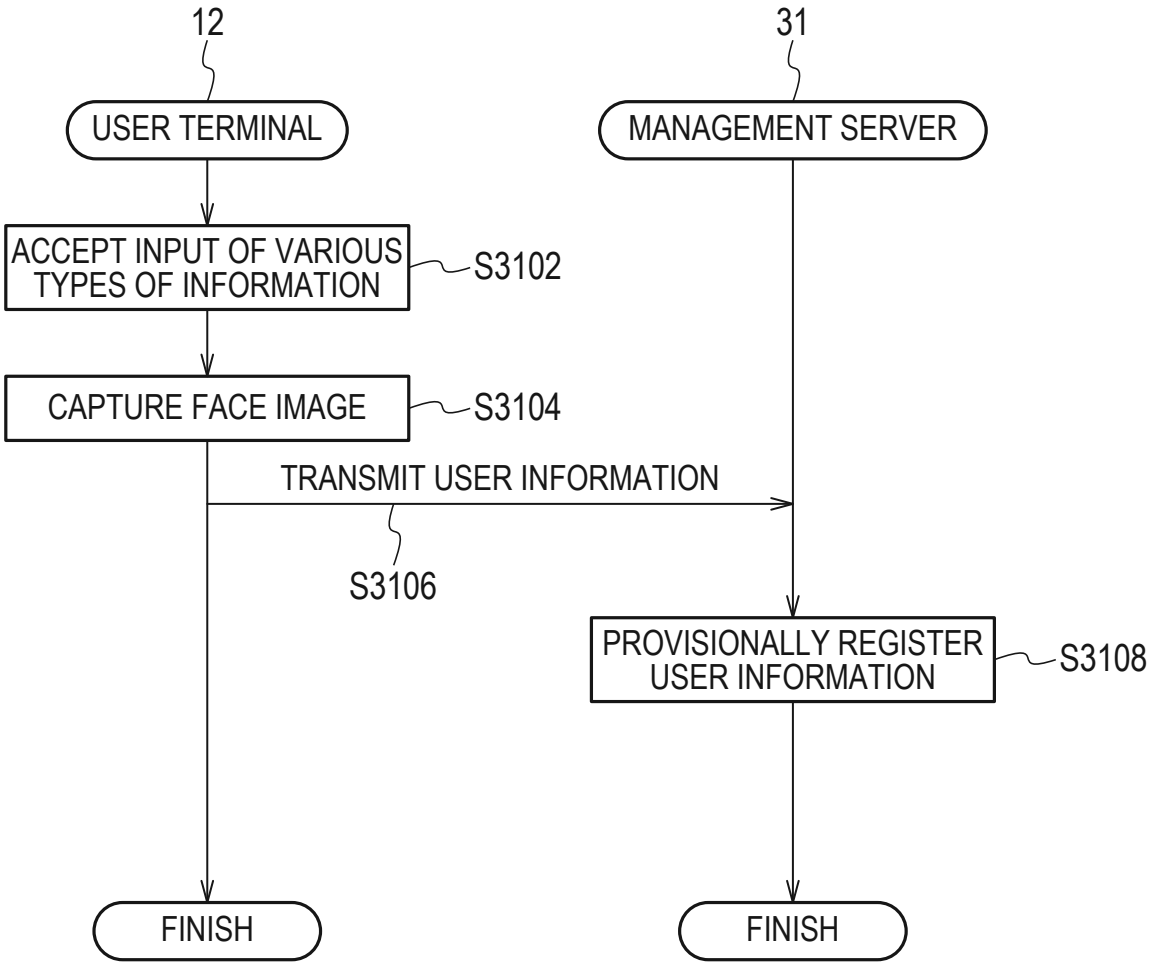

12
31
USER TERMINAL
MANAGEMENT SERVER
ACCEPT INPUT OF VARIOUS TYPES OF INFORMATION
S3102
CAPTURE FACE IMAGE
S3104
TRANSMIT USER INFORMATION
S3106
PROVISIONALLY REGISTER USER INFORMATION
S3108
FINISH
FINISH

FIG. 18

3121

USER ID	FULL NAME	DATE OF BIRTH	ADDRESS	TELEPHONE NUMBER	PASSPORT NUMBER	PAYMENT MEANS INFORMATION	FACE INFORMATION	FLIGHT INFORMATION
a0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX		XXX 2019/8/1 XXX
a0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX		XXX 2019/8/1 XXX
a0003	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX		XXX 2019/8/1 XXX
				⋮				

3121d

USER ID	FULL NAME	DATE OF BIRTH	ADDRESS	TELEPHONE NUMBER	PASSPORT NUMBER	PAYMENT MEANS INFORMATION	FACE INFORMATION	FLIGHT INFORMATION
b0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX		XXX 2019/8/2 XXX
b0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX		XXX 2019/8/2 XXX
b0003	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX		XXX 2019/8/2 XXX
				⋮				

3121d

USER ID	FULL NAME	DATE OF BIRTH	ADDRESS	TELEPHONE NUMBER	PASSPORT NUMBER	PAYMENT MEANS INFORMATION	FACE INFORMATION	FLIGHT INFORMATION
c0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX		XXX 2019/8/3 XXX
c0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX		XXX 2019/8/3 XXX
c0003	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX		XXX 2019/8/3 XXX
				⋮				

3121d

⋮

FIG. 19

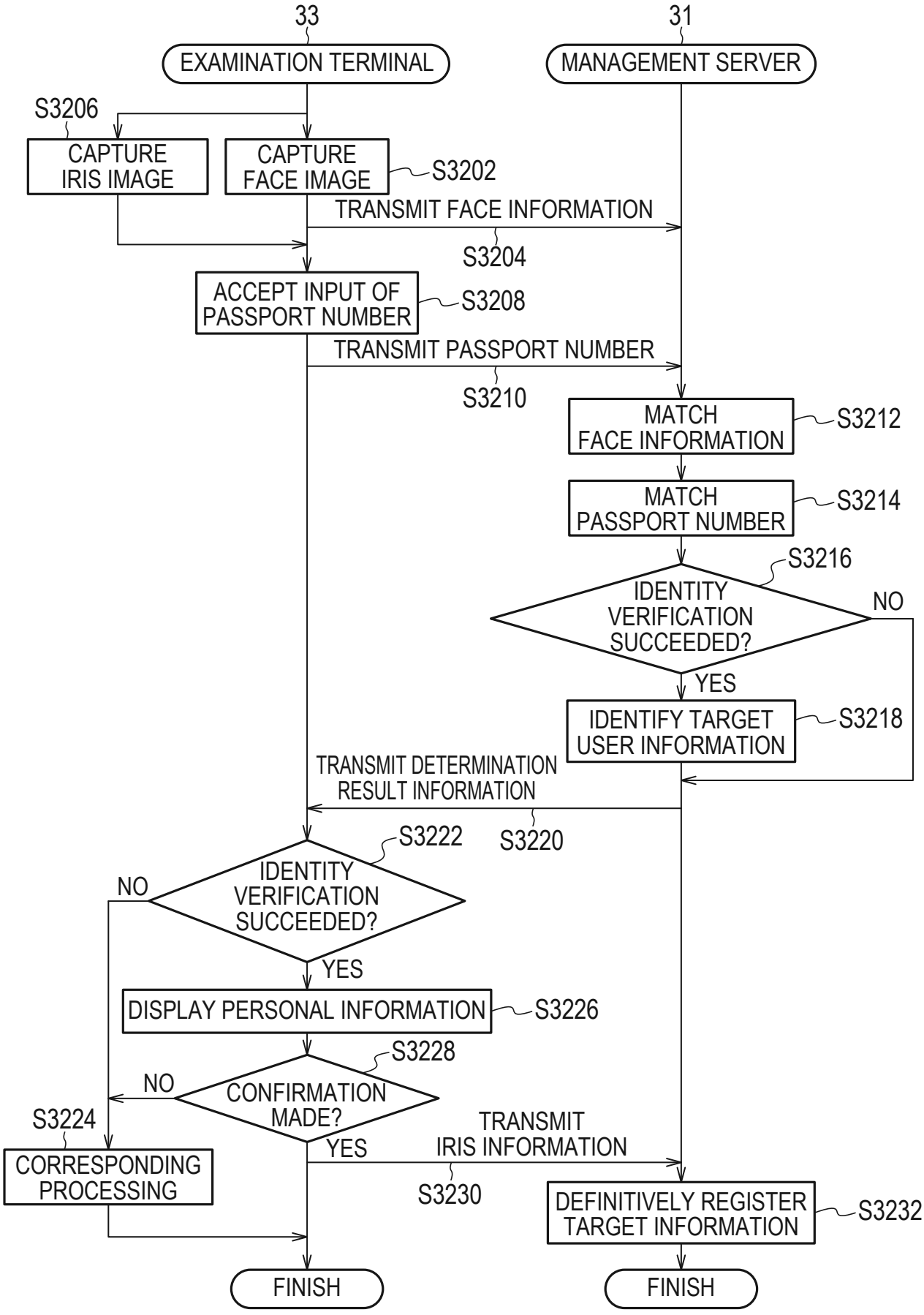

33
31
EXAMINATION TERMINAL
MANAGEMENT SERVER
S3206
CAPTURE IRIS IMAGE
CAPTURE FACE IMAGE
S3202
TRANSMIT FACE INFORMATION
S3204
ACCEPT INPUT OF PASSPORT NUMBER
S3208
TRANSMIT PASSPORT NUMBER
S3210
MATCH FACE INFORMATION
S3212
MATCH PASSPORT NUMBER
S3214
S3216
IDENTITY VERIFICATION SUCCEEDED?
NO
YES
IDENTIFY TARGET USER INFORMATION
S3218
TRANSMIT DETERMINATION RESULT INFORMATION
S3220
S3222
IDENTITY VERIFICATION SUCCEEDED?
NO
YES
DISPLAY PERSONAL INFORMATION
S3226
S3228
CONFIRMATION MADE?
NO
YES
S3224
CORRESPONDING PROCESSING
TRANSMIT IRIS INFORMATION
S3230
DEFINITIVELY REGISTER TARGET INFORMATION
S3232
FINISH
FINISH

FIG. 20

3122

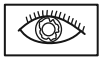
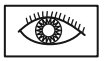
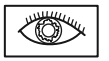
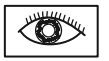
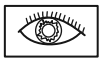
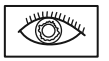
USER ID	FULL NAME	DATE OF BIRTH	ADDRESS	TELEPHONE NUMBER	PASSPORT NUMBER	PAYMENT MEANS INFORMATION	FACE INFORMATION	IRIS INFORMATION	FLIGHT INFORMATION
b0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX			XXX 2019/8/2 XXX
a0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX			XXX 2019/8/1 XXX
c0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX			XXX 2019/8/3 XXX
a0003	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX			XXX 2019/8/1 XXX
b0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX			XXX 2019/8/2 XXX
c0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXXXXXXX	XXXX XXXX XXXX XXXX			XXX 2019/8/3 XXX

FIG. 21

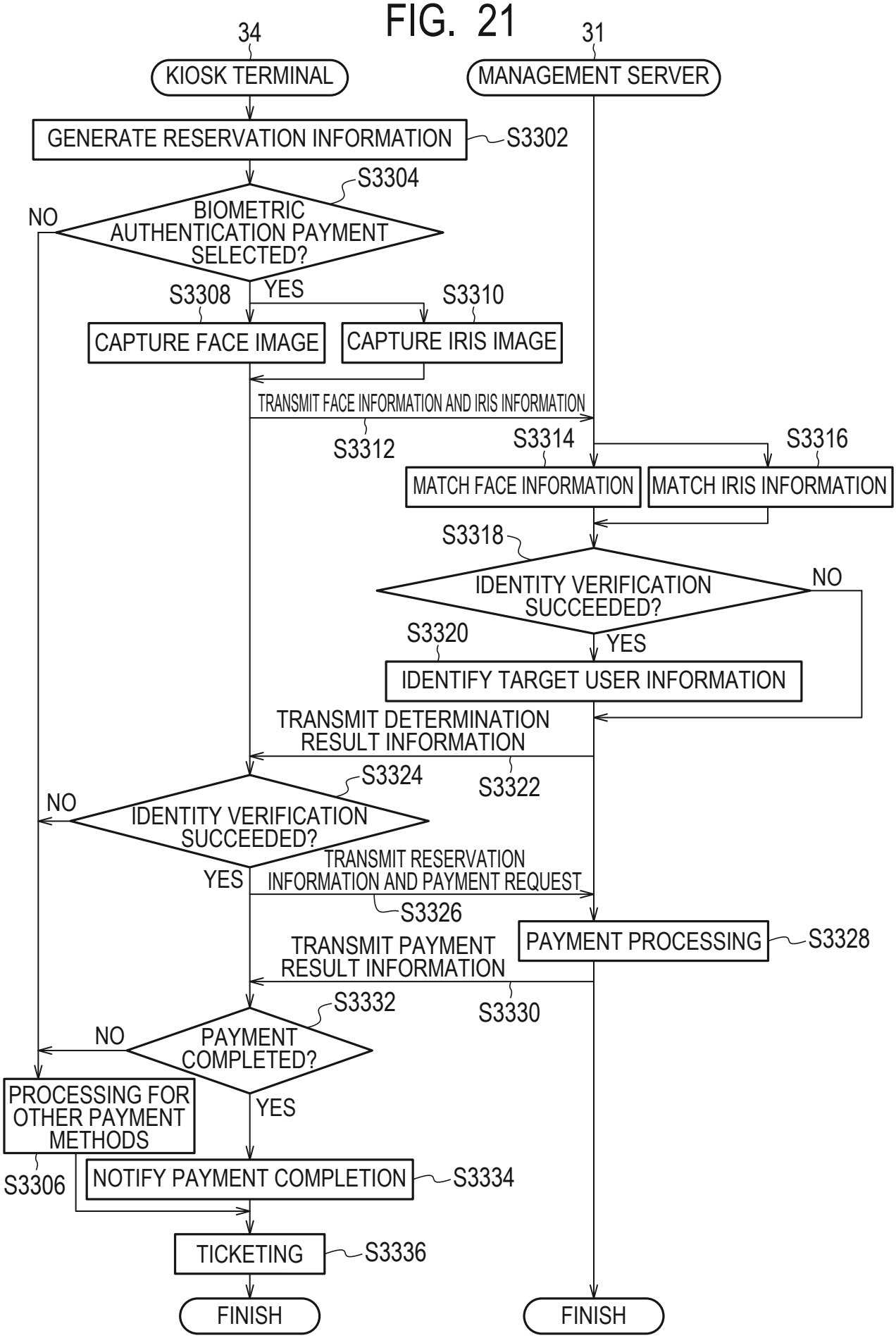

34
KIOSK TERMINAL
31
MANAGEMENT SERVER
GENERATE RESERVATION INFORMATION
S3302
S3304
BIOMETRIC AUTHENTICATION PAYMENT SELECTED?
NO
YES
S3308
CAPTURE FACE IMAGE
S3310
CAPTURE IRIS IMAGE
TRANSMIT FACE INFORMATION AND IRIS INFORMATION
S3312
S3314
MATCH FACE INFORMATION
S3316
MATCH IRIS INFORMATION
S3318
IDENTITY VERIFICATION SUCCEEDED?
NO
YES
S3320
IDENTIFY TARGET USER INFORMATION
TRANSMIT DETERMINATION RESULT INFORMATION
S3322
S3324
IDENTITY VERIFICATION SUCCEEDED?
NO
YES
TRANSMIT RESERVATION INFORMATION AND PAYMENT REQUEST
S3326
PAYMENT PROCESSING
S3328
TRANSMIT PAYMENT RESULT INFORMATION
S3330
S3332
PAYMENT COMPLETED?
NO
YES
PROCESSING FOR OTHER PAYMENT METHODS
S3306
NOTIFY PAYMENT COMPLETION
S3334
TICKETING
S3336
FINISH
FINISH

FIG. 22

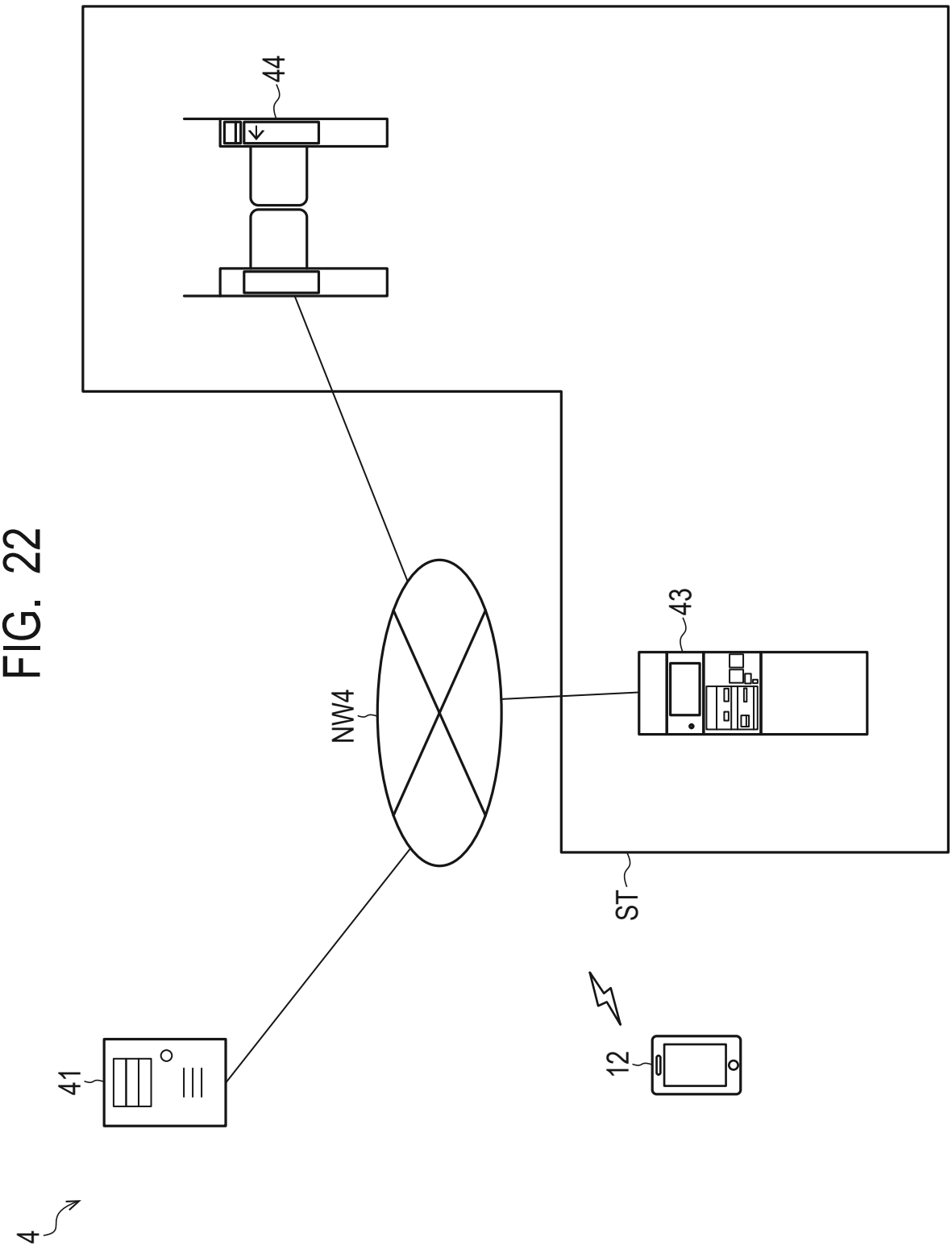


FIG. 23

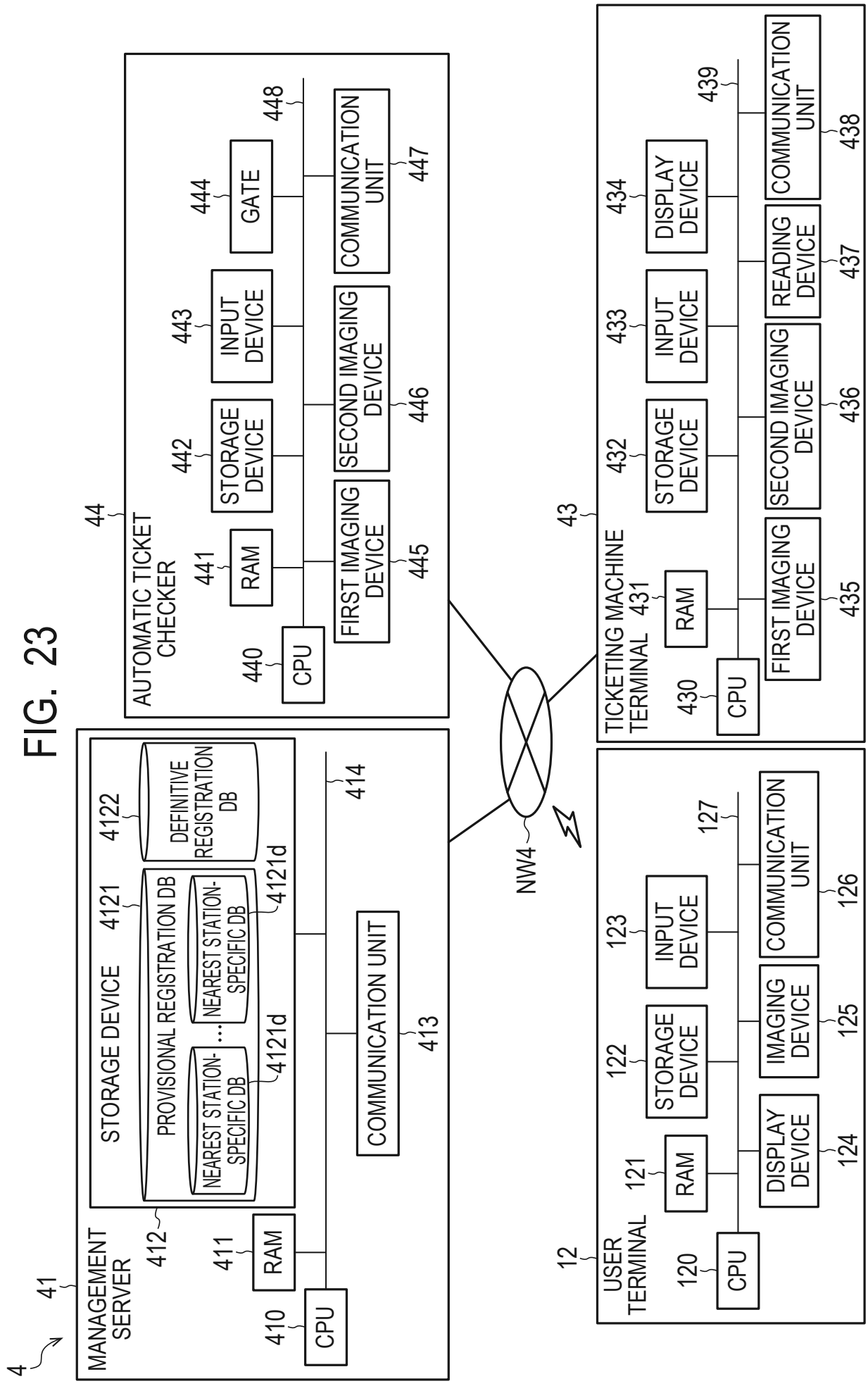

4
MANAGEMENT SERVER
41
CPU
410
RAM
411
STORAGE DEVICE
412
PROVISIONAL REGISTRATION DB
4121
NEAREST STATION-SPECIFIC DB
4121d
NEAREST STATION-SPECIFIC DB
4121d
DEFINITIVE REGISTRATION DB
4122
COMMUNICATION UNIT
413
414
NW4
AUTOMATIC TICKET CHECKER
44
CPU
440
RAM
441
STORAGE DEVICE
442
INPUT DEVICE
443
GATE
444
FIRST IMAGING DEVICE
445
SECOND IMAGING DEVICE
446
COMMUNICATION UNIT
447
448
TICKETING MACHINE TERMINAL
43
CPU
430
RAM
431
STORAGE DEVICE
432
INPUT DEVICE
433
DISPLAY DEVICE
434
FIRST IMAGING DEVICE
435
SECOND IMAGING DEVICE
436
READING DEVICE
437
COMMUNICATION UNIT
438
439
USER TERMINAL
12
CPU
120
RAM
121
STORAGE DEVICE
122
INPUT DEVICE
123
DISPLAY DEVICE
124
IMAGING DEVICE
125
COMMUNICATION UNIT
126
127

FIG. 24

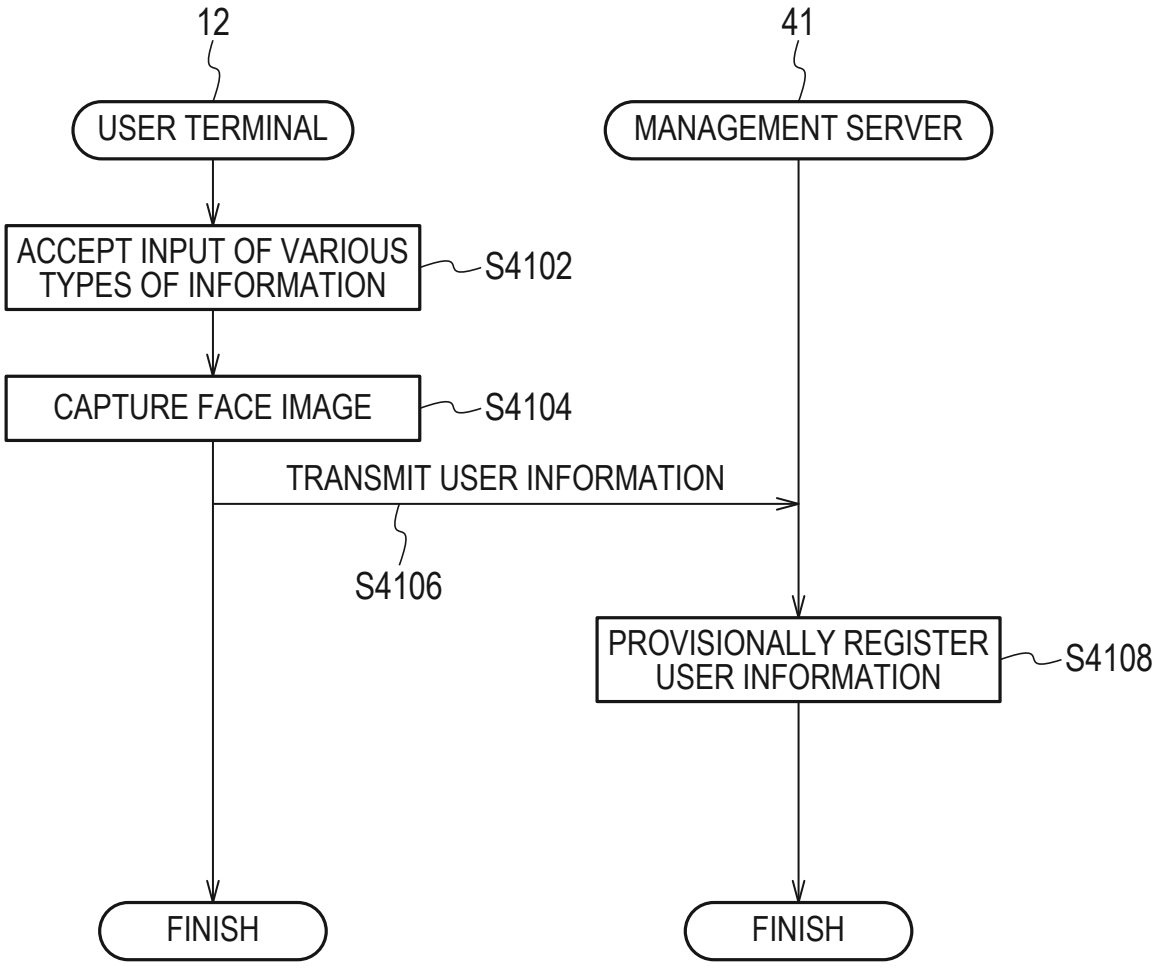

12
41
USER TERMINAL
MANAGEMENT SERVER
ACCEPT INPUT OF VARIOUS TYPES OF INFORMATION
S4102
CAPTURE FACE IMAGE
S4104
TRANSMIT USER INFORMATION
S4106
PROVISIONALLY REGISTER USER INFORMATION
S4108
FINISH
FINISH

FIG. 25

4121

USER ID	FULL NAME	DATE OF BIRTH	ADDRESS	TELEPHONE NUMBER	PAYMENT MEANS INFORMATION	FACE INFORMATION	NEAREST STATION INFORMATION
a0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX		AA STATION
a0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX		AA STATION
a0003	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX		AA STATION
				⋮			

4121d

USER ID	FULL NAME	DATE OF BIRTH	ADDRESS	TELEPHONE NUMBER	PAYMENT MEANS INFORMATION	FACE INFORMATION	NEAREST STATION INFORMATION
b0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX		BB STATION
b0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX		BB STATION
b0003	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX		BB STATION
				⋮			

4121d

USER ID	FULL NAME	DATE OF BIRTH	ADDRESS	TELEPHONE NUMBER	PAYMENT MEANS INFORMATION	FACE INFORMATION	NEAREST STATION INFORMATION
c0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX		CC STATION
c0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX		CC STATION
c0003	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX		CC STATION
				⋮			

⋮

4121d

FIG. 26

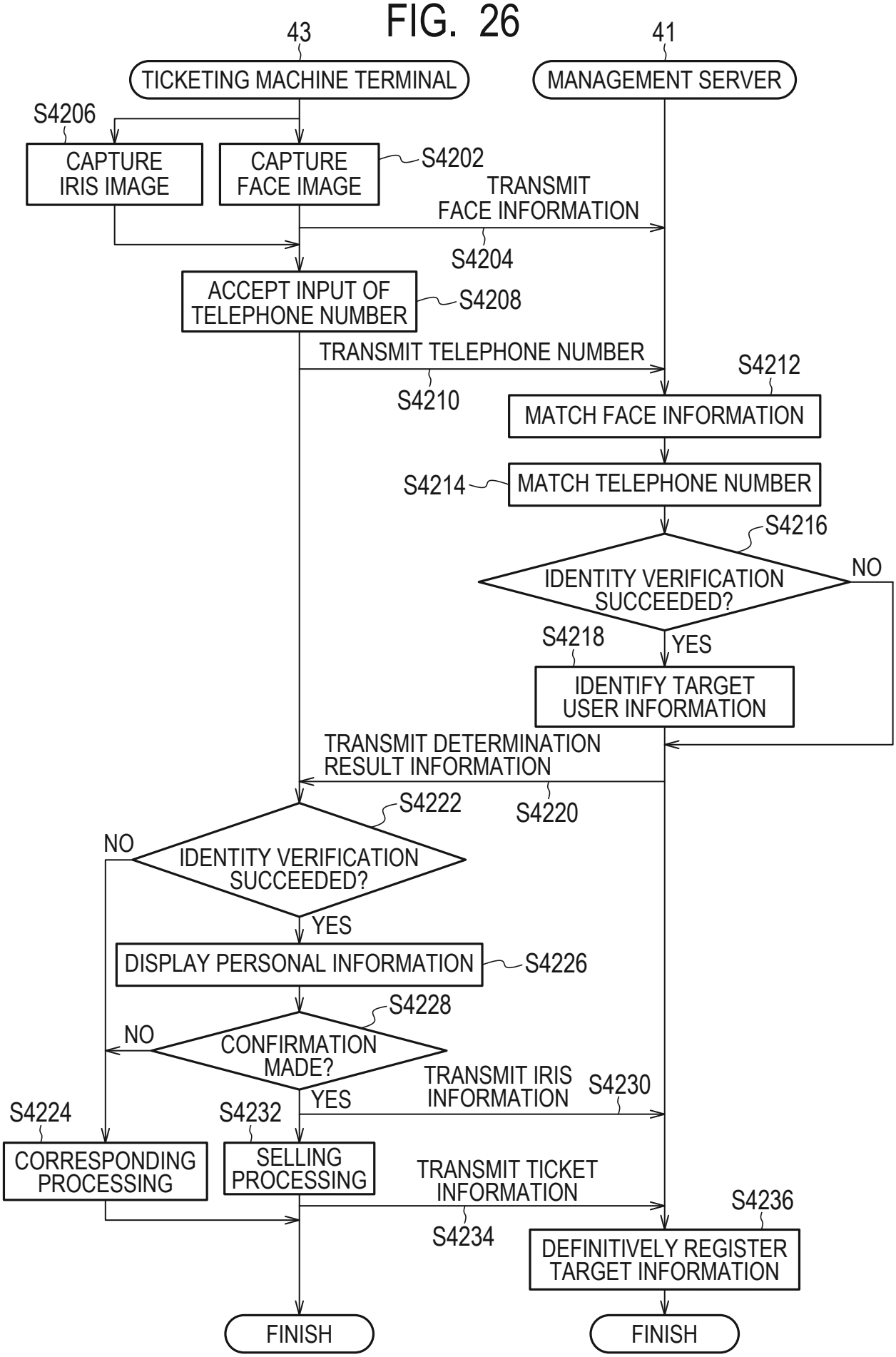

43
41
TICKETING MACHINE TERMINAL
MANAGEMENT SERVER
S4206
CAPTURE IRIS IMAGE
CAPTURE FACE IMAGE
S4202
TRANSMIT FACE INFORMATION
S4204
ACCEPT INPUT OF TELEPHONE NUMBER
S4208
TRANSMIT TELEPHONE NUMBER
S4210
S4212
MATCH FACE INFORMATION
S4214
MATCH TELEPHONE NUMBER
S4216
IDENTITY VERIFICATION SUCCEEDED?
NO
YES
S4218
IDENTIFY TARGET USER INFORMATION
TRANSMIT DETERMINATION RESULT INFORMATION
S4220
S4222
IDENTITY VERIFICATION SUCCEEDED?
NO
YES
DISPLAY PERSONAL INFORMATION
S4226
S4228
CONFIRMATION MADE?
NO
YES
TRANSMIT IRIS INFORMATION
S4230
S4224
CORRESPONDING PROCESSING
S4232
SELLING PROCESSING
TRANSMIT TICKET INFORMATION
S4234
S4236
DEFINITIVELY REGISTER TARGET INFORMATION
FINISH
FINISH

FIG. 27

4122

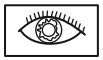
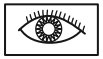
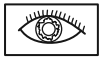
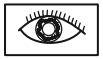
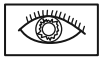
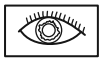
USER ID	FULL NAME	DATE OF BIRTH	ADDRESS	TELEPHONE NUMBER	PAYMENT MEANS INFORMATION	FACE INFORMATION	IRIS INFORMATION	NEAREST STATION INFORMATION	TICKET INFORMATION
b0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX			BB STATION	XXX BB-RR XXX
a0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX			AA STATION	XXX AA-QQ XXX
c0001	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX			CC STATION	XXX CC-SS XXX
a0003	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX			AA STATION	XXX AA-TT XXX
b0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX			BB STATION	XXX BB-VV XXX
c0002	XX XX	yyyy/mm/dd	XXX XXX XX-XX-XX	XX-XXXX-XXXX	XXXX XXXX XXXX XXXX			CC STATION	XXX CC-UU XXX
⋮									

FIG. 28

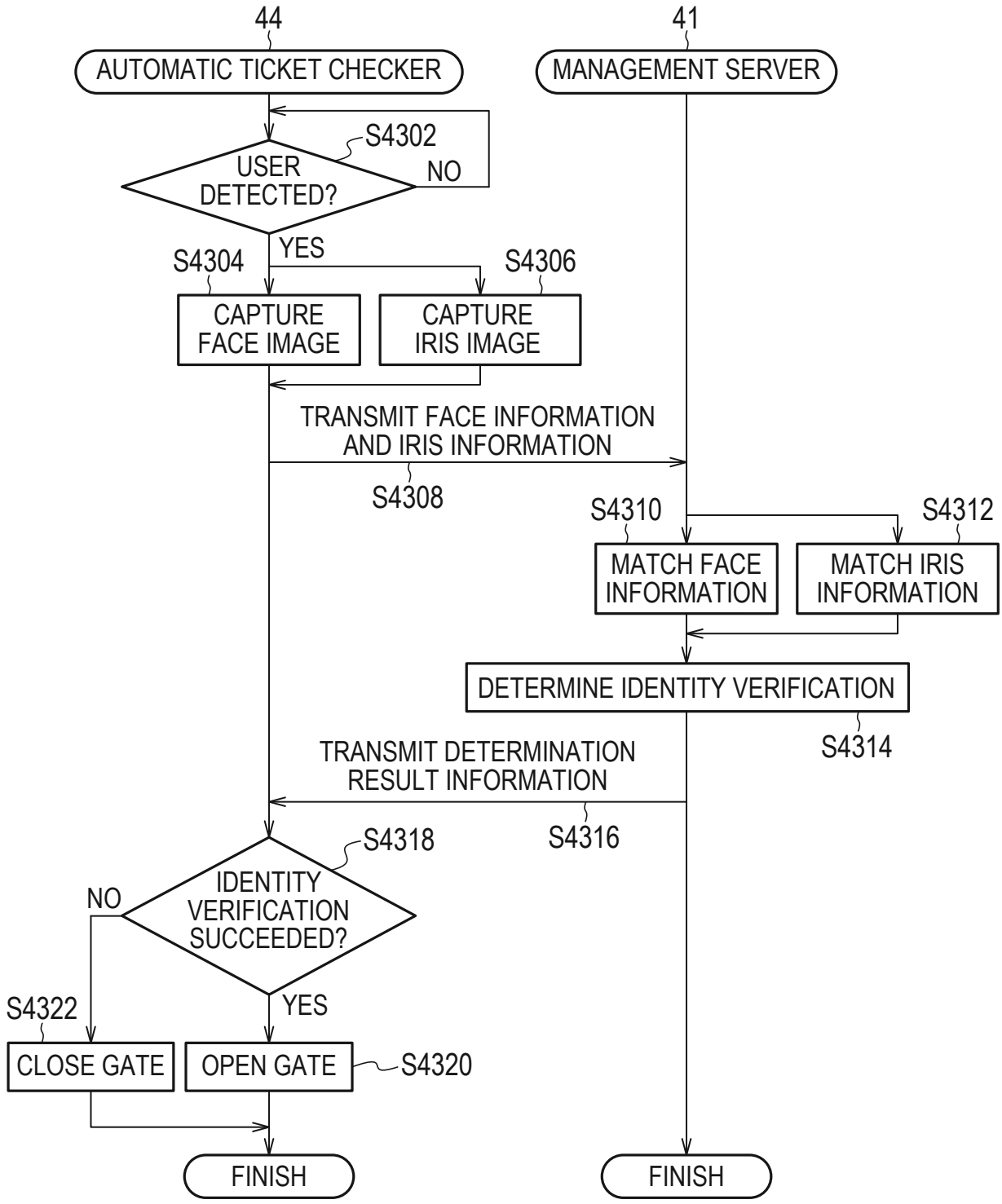
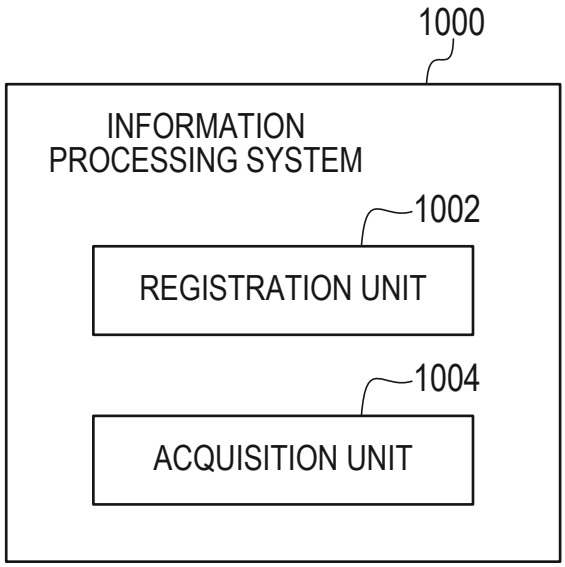

44
41
AUTOMATIC TICKET CHECKER
MANAGEMENT SERVER
S4302
USER DETECTED?
NO
YES
S4304
S4306
CAPTURE FACE IMAGE
CAPTURE IRIS IMAGE
TRANSMIT FACE INFORMATION AND IRIS INFORMATION
S4308
S4310
S4312
MATCH FACE INFORMATION
MATCH IRIS INFORMATION
DETERMINE IDENTITY VERIFICATION
S4314
TRANSMIT DETERMINATION RESULT INFORMATION
S4316
S4318
IDENTITY VERIFICATION SUCCEEDED?
NO
YES
S4322
CLOSE GATE
OPEN GATE
S4320
FINISH
FINISH

FIG. 29


1000
INFORMATION PROCESSING SYSTEM
1002
REGISTRATION UNIT
1004
ACQUISITION UNIT