

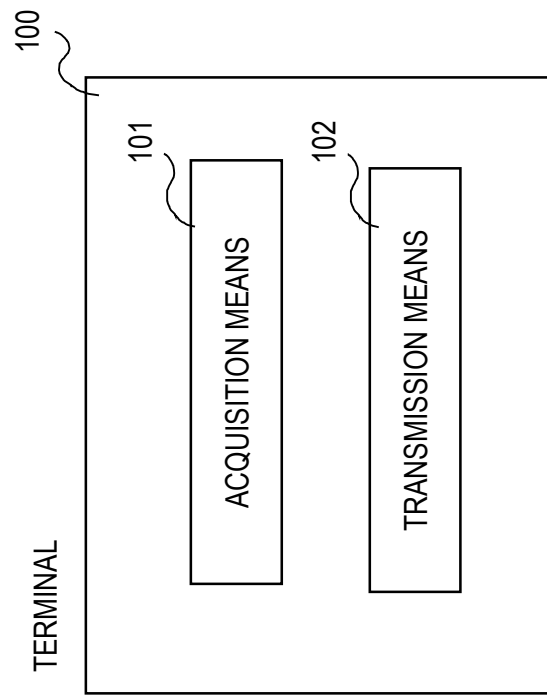


FIG.1

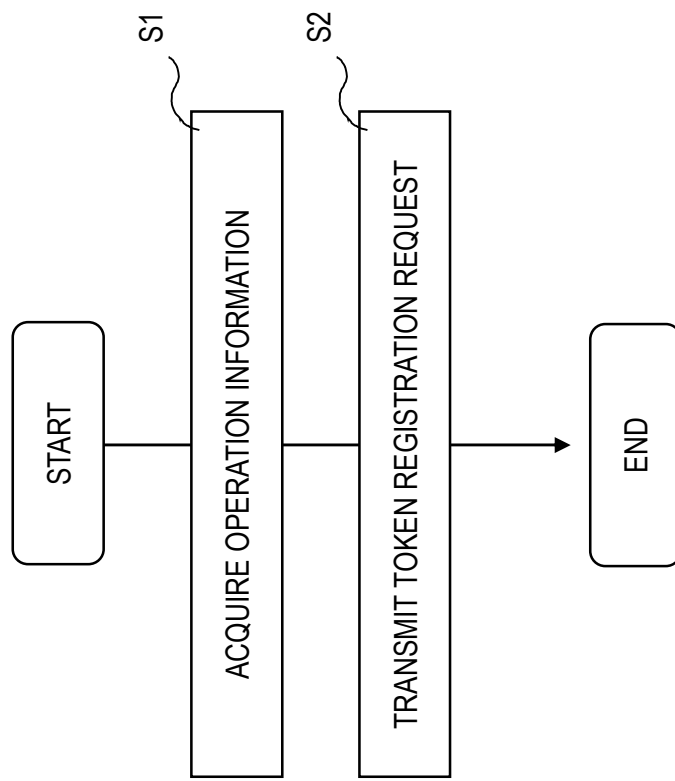


FIG. 2

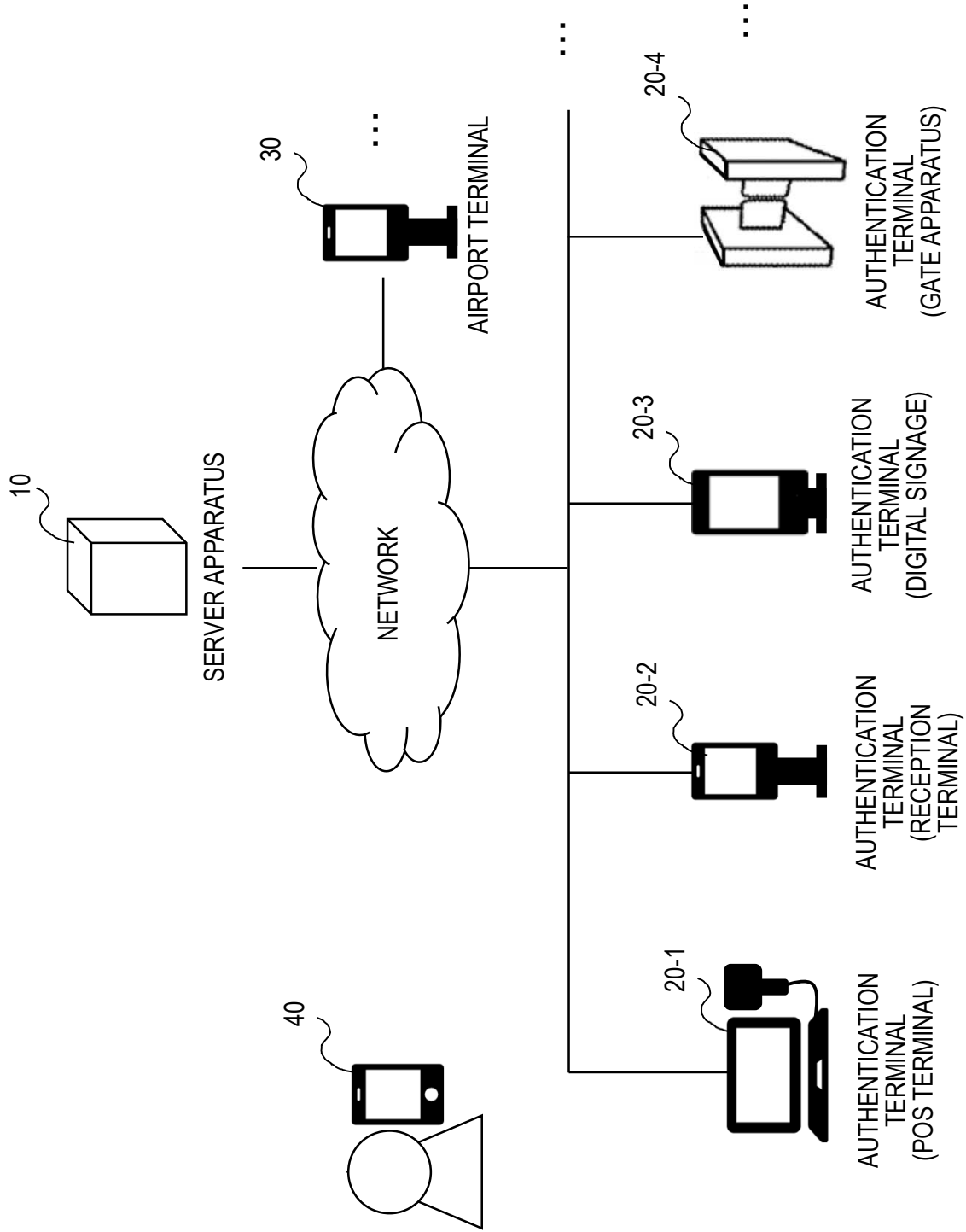


FIG.3

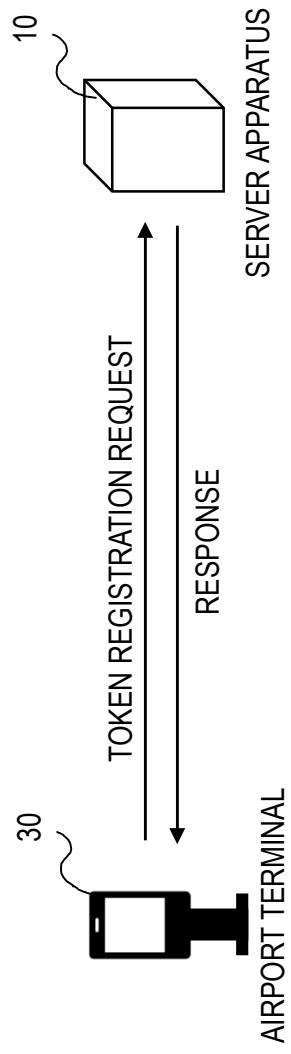


FIG.4

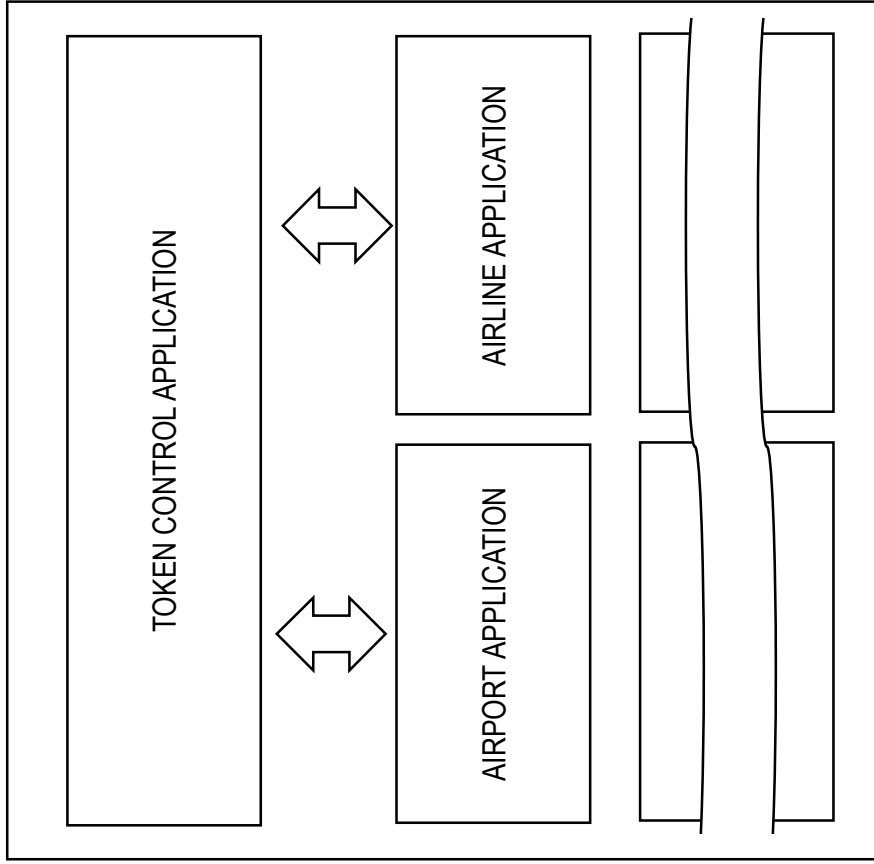


FIG. 5

CONSENT ACQUISITION

TO USE FACE RECOGNITION-BASED PAYMENT IN THE AIRPORT, YOU NEED TO TRANSMIT YOUR FACE IMAGE AND YOUR MEMBERSHIP ID OF AN AIRPORT COMPANY TO AN EXTERNAL SERVER.

DO YOU AGREE?

AGREE

REJECT

FIG.6

CONSENT ACQUISITION

TO PASS THROUGH A BOARDING GATE WITH A FACE PASS,  
YOU NEED TO TRANSMIT YOUR FACE IMAGE AND YOUR  
BOARDING PASS INFORMATION TO AN EXTERNAL SERVER.

DO YOU AGREE?

AGREE

REJECT

FIG.7

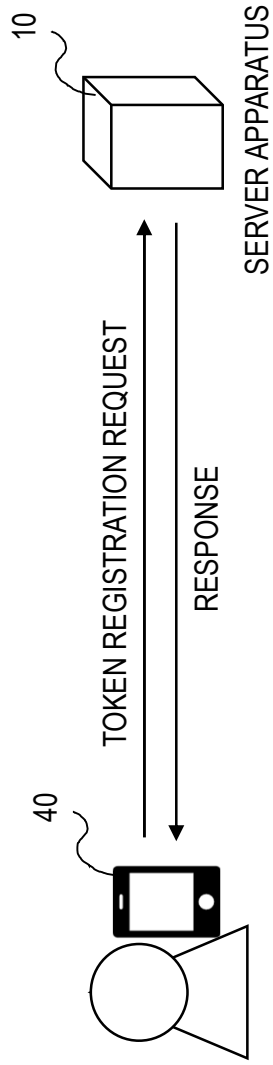


FIG.8

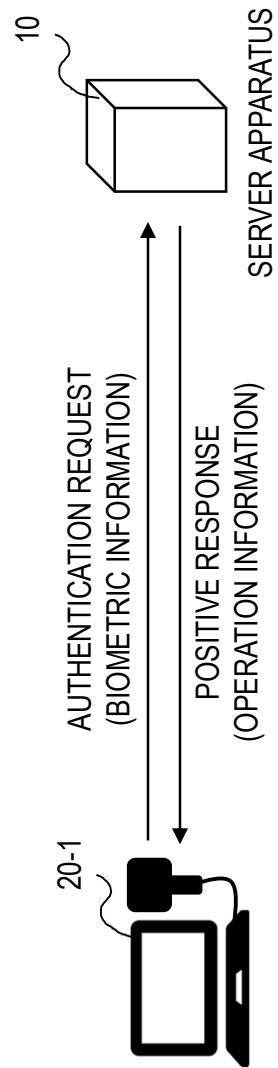


FIG.9

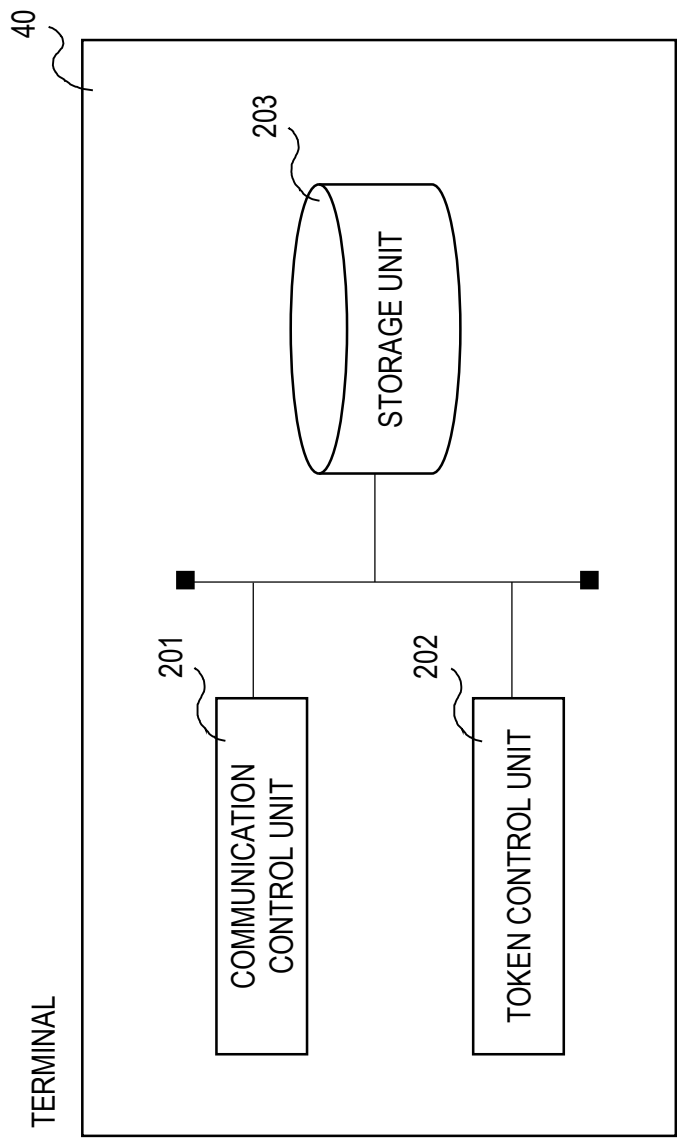


FIG.10

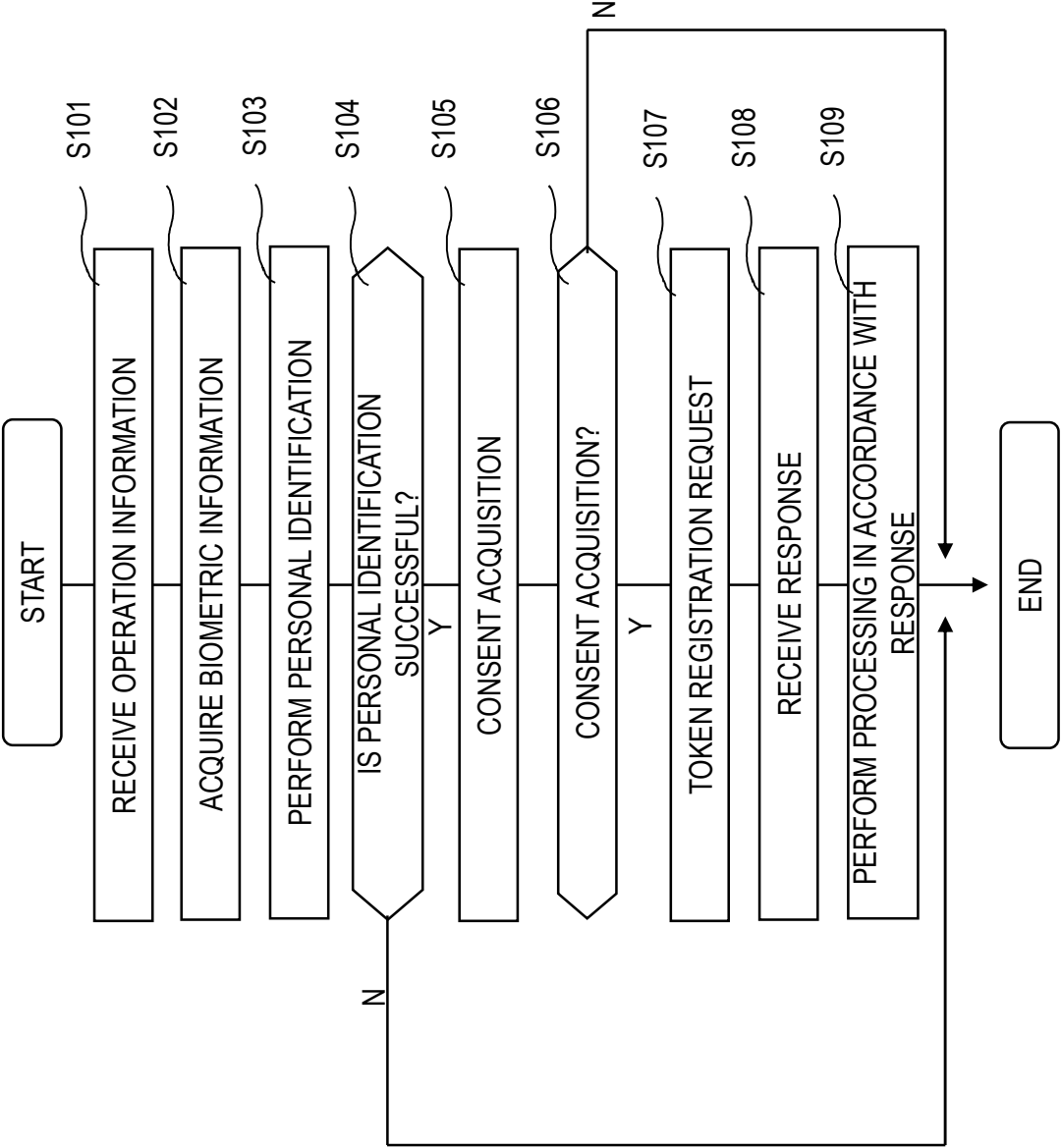


FIG.11

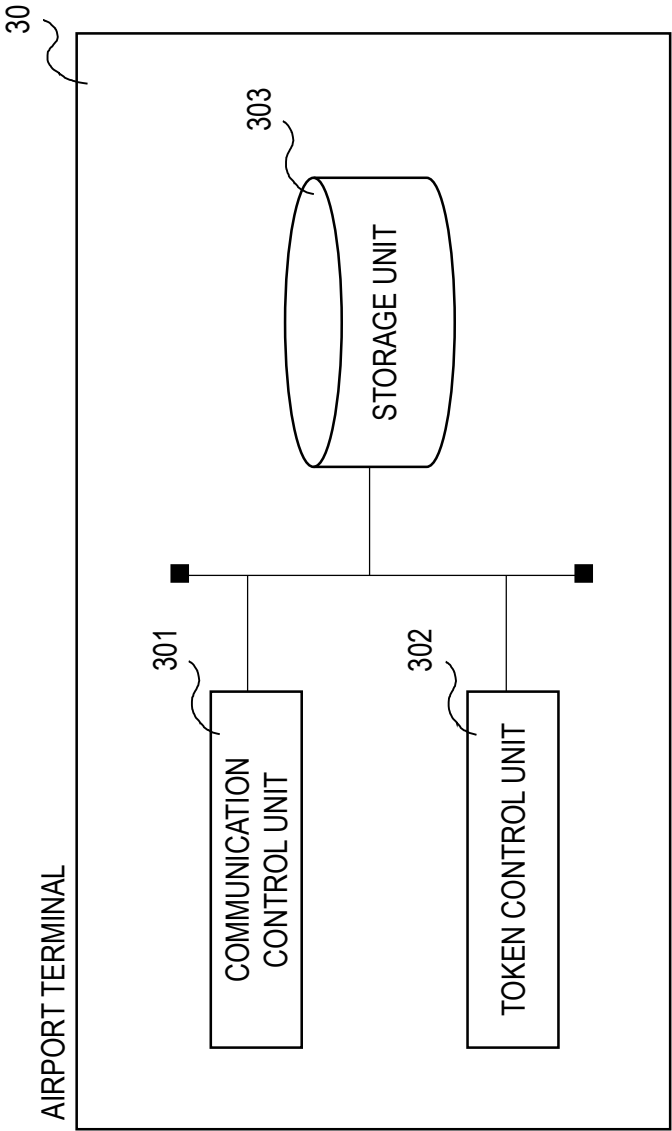


FIG.12

ACQUISITION OF OPERATION INFORMATION

PLEASE OPERATE THE AIRPORT APPLICATION TO DISPLAY  
A TWO-DIMENSIONAL BARCODE AND LET THE READER  
READ IT.

CANCEL

CONFIRM

FIG.13

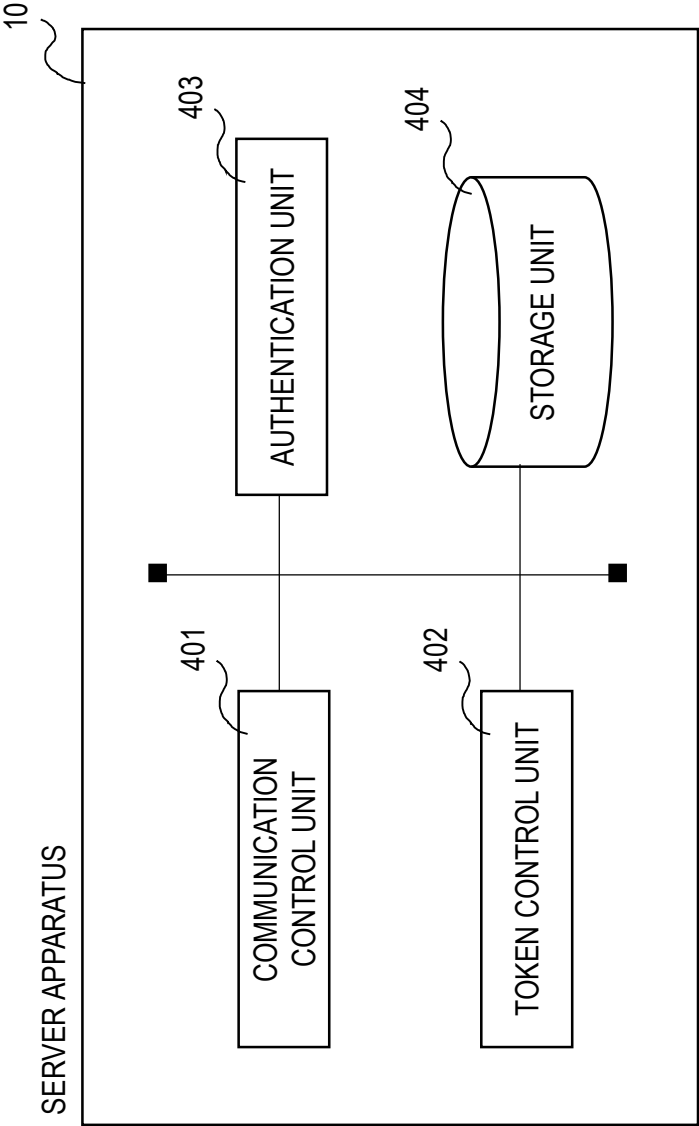


FIG.14

USER MANAGEMENT DATABASE

| USER ID | BIOMETRIC INFORMATION | OPERATION INFORMATION (PERMANENT) |                   |     | OPERATION INFORMATION (TEMPORARY) |     | ... |
|---------|-----------------------|-----------------------------------|-------------------|-----|-----------------------------------|-----|-----|
|         |                       | AIRPORT MEMBER ID                 | AIRLINE MEMBER ID | ... | BOARDING PASS INFORMATION         | ... |     |
| ID01    | FV01                  | ID11                              | ID13              | ... | BP01                              | ... | ... |
| ID02    | FV02                  | ID12                              | —                 | ... | —                                 | ... | ... |
| ⋮       | ⋮                     | ⋮                                 | ⋮                 | ⋮   | ⋮                                 | ⋮   | ⋮   |

FIG.15

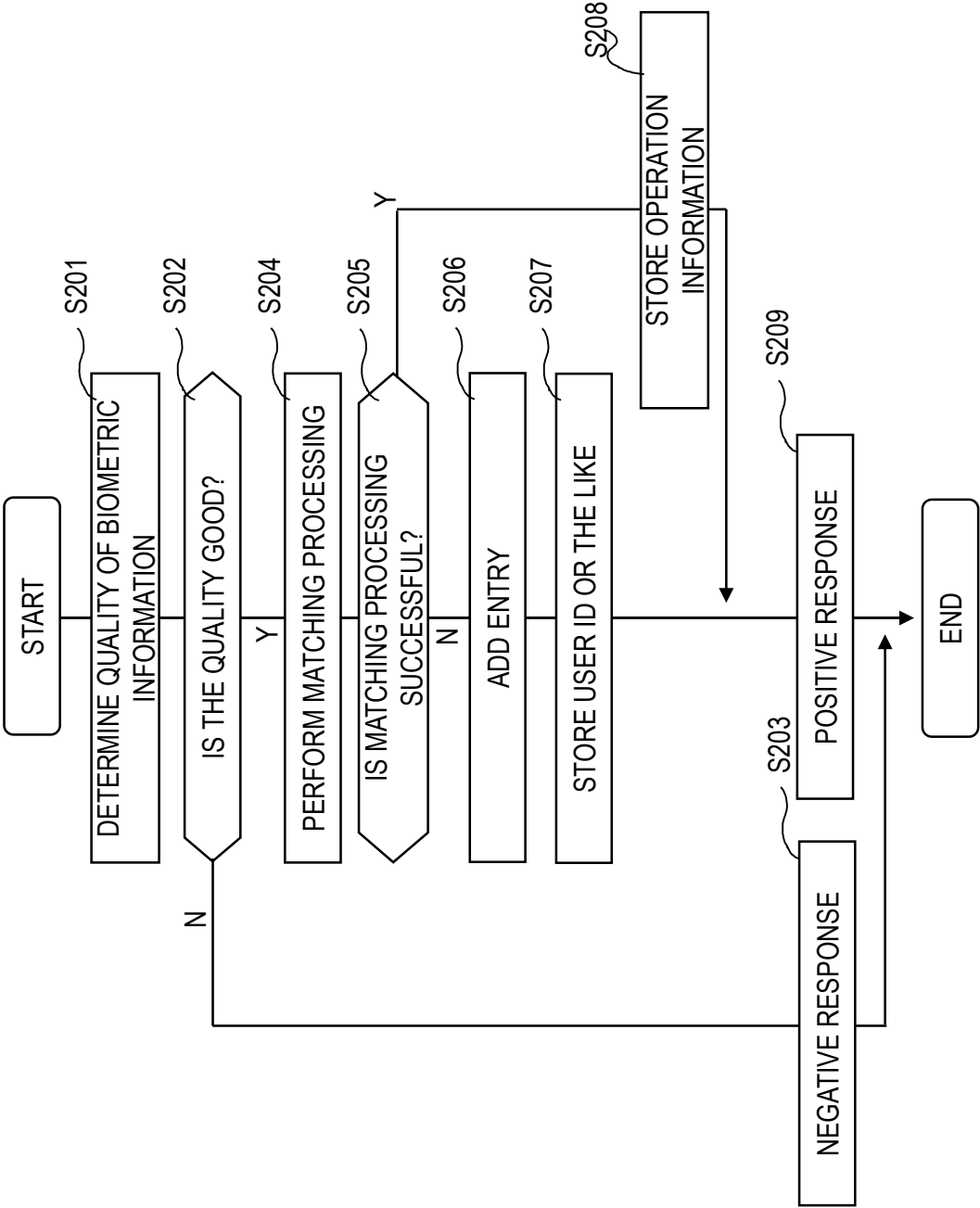


FIG.16

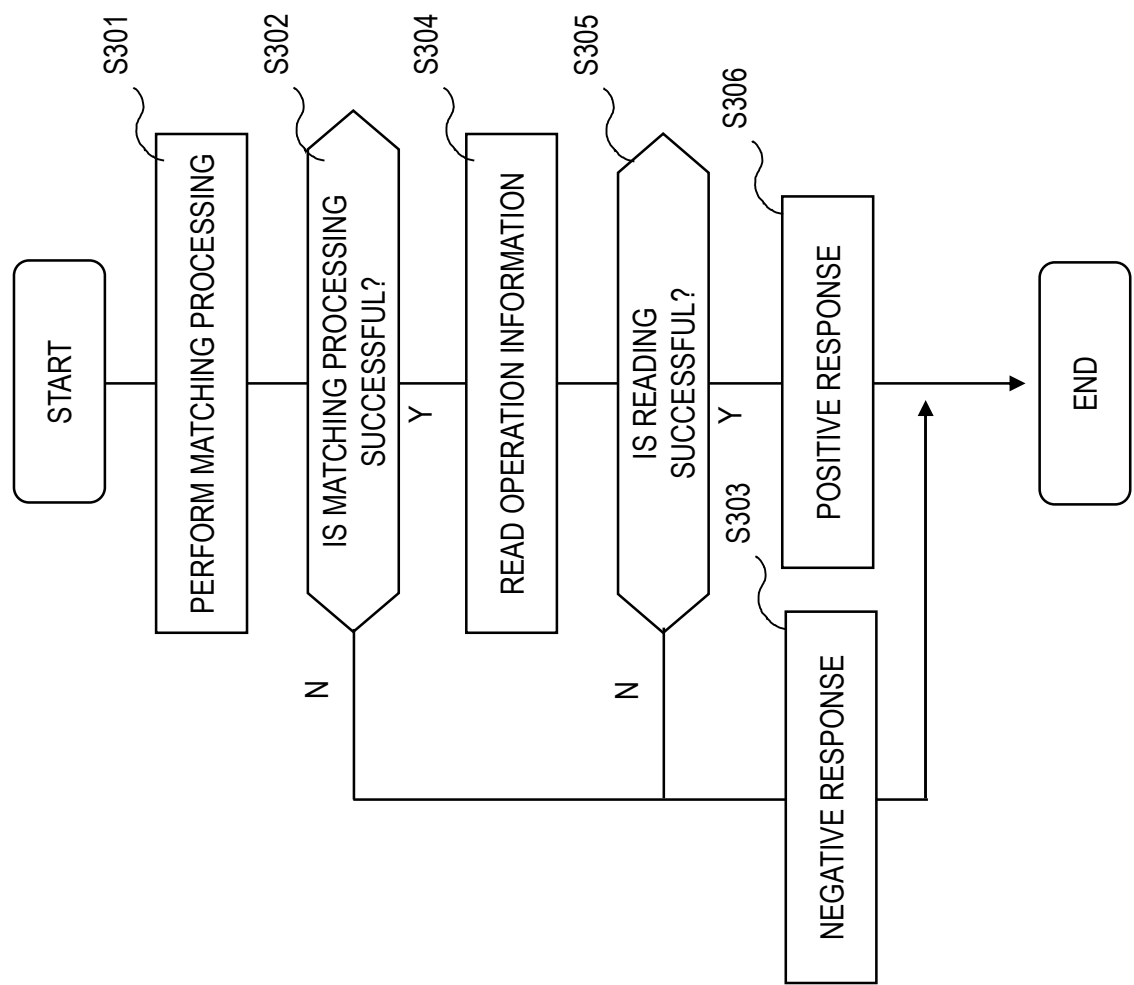


FIG.17

|                    |                                                |
|--------------------|------------------------------------------------|
| TERMINAL ID        | OPERATION INFORMATION                          |
| POS TERMINAL       | AIRPORT MEMBER ID                              |
| RECEPTION TERMINAL | AIRPORT MEMBER ID                              |
| DIGITAL SIGNAGE    | AIRLINE MEMBER ID OR BOARDING PASS INFORMATION |
| GATE APPARATUS     | BOARDING PASS INFORMATION                      |
| ⋮                  | ⋮                                              |

FIG.18

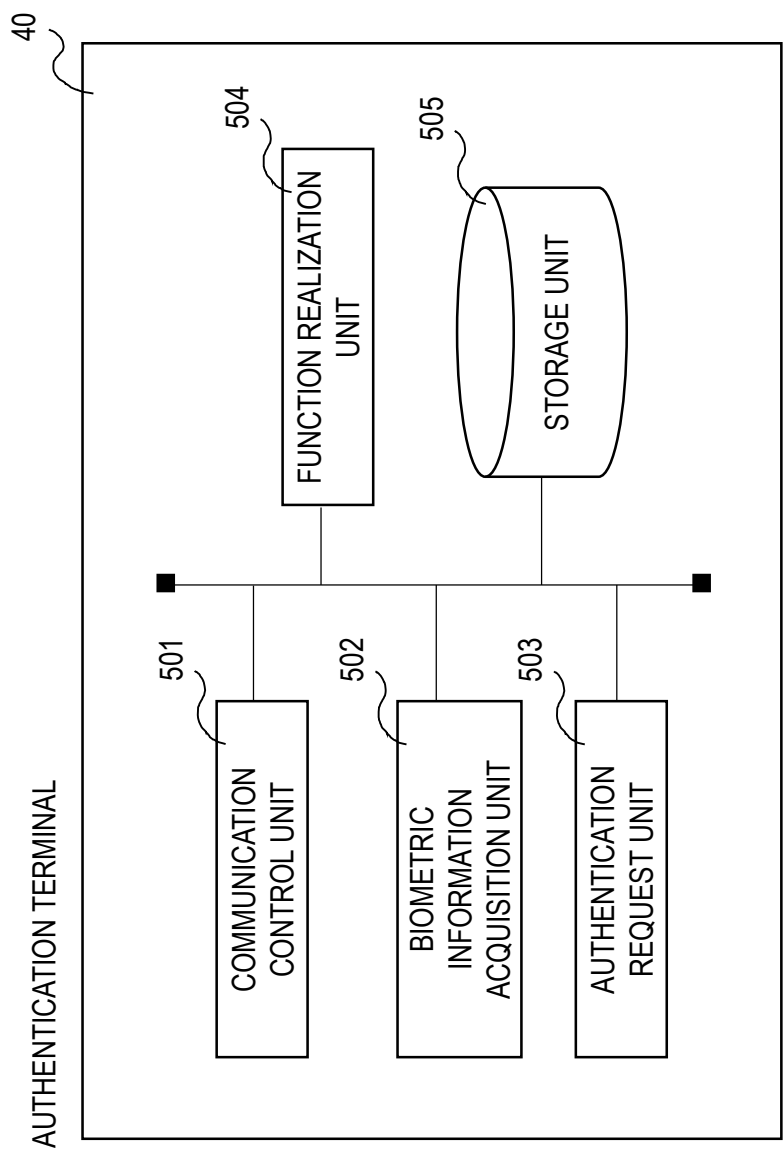


FIG.19

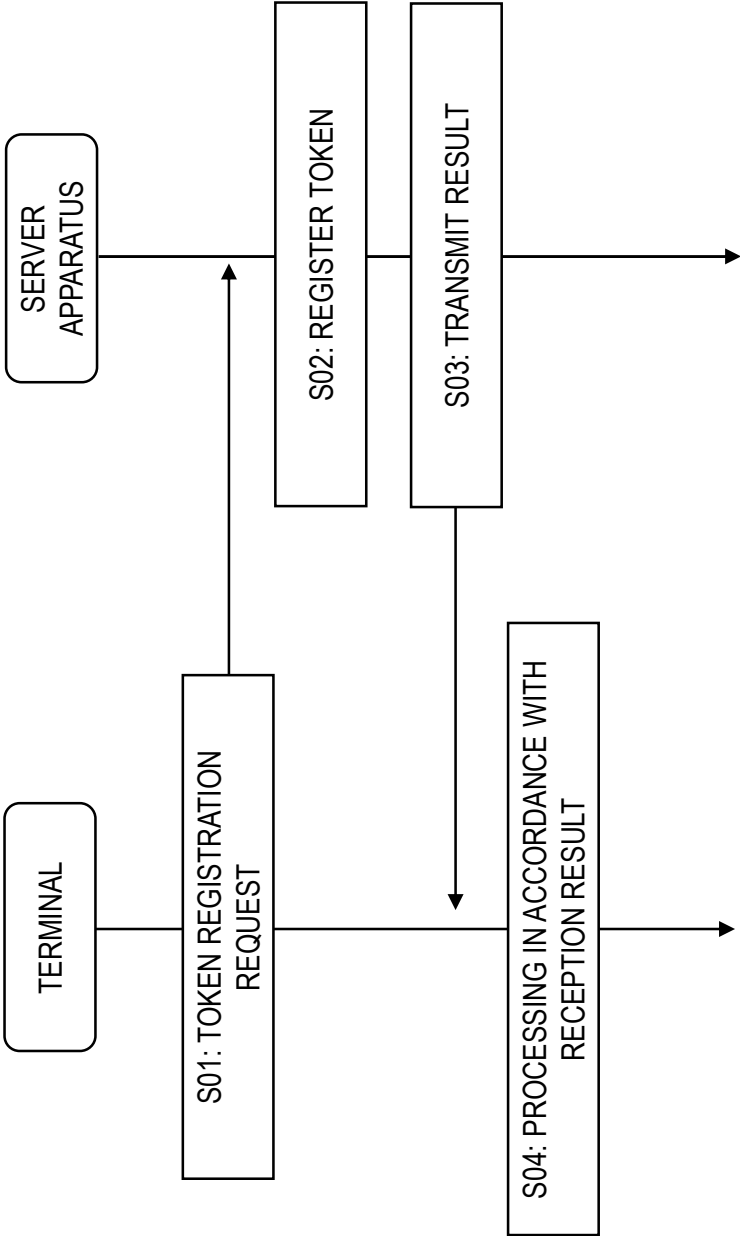


FIG.20

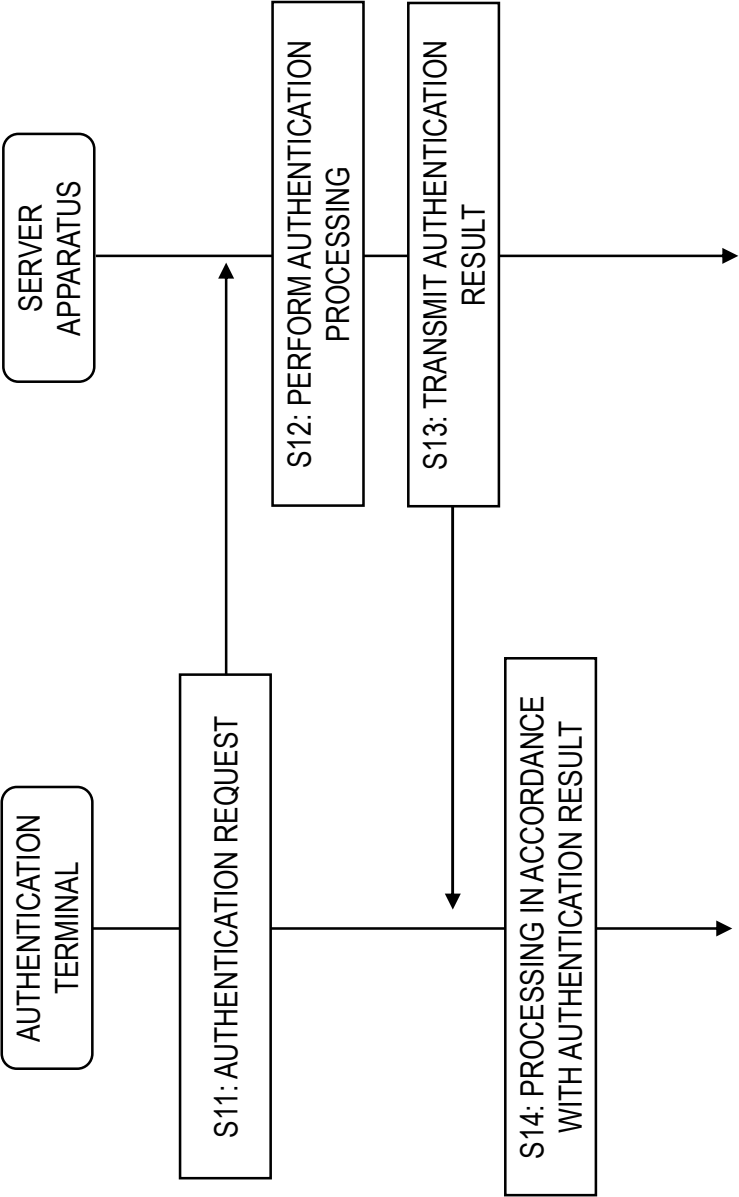


FIG.21

SELECTION OF SERVICE

PLEASE SELECT THE SERVICE THAT YOU DESIRE FROM THE FOLLOWING SERVICES.

FACE RECOGNITION-BASED PAYMENT SERVICE:☒

USE OF AIRPORT LOUNGE:☐

INFORMATION PROVISION USING SIGNAGE:☐

FACE PASS FOR BOARDING GATE:☒

⋮

CANCEL

CONFIRM

FIG.22

| BEHAVIOR HISTORY MANAGEMENT DATABASE |                      |                      |     |                                                                                                                                         |
|--------------------------------------|----------------------|----------------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------|
| USER ID                              | AIRPORT<br>MEMBER ID | AIRLINE<br>MEMBER ID | ... | BEHAVIOR HISTORY                                                                                                                        |
| ID21                                 | ID31                 | ID41                 | ... | 2023/3/30 10:10, FACE RECOGNITION-BASED PAYMENT, ITEM A, 1000 YEN<br>2023/3/30 10:30, LOUNGE USE<br>2023/3/30 12:00, BOARDING GATE PASS |
| ID22                                 | —                    | ID42                 | ... | ⋮                                                                                                                                       |
| ID23                                 | ID33                 | —                    | ... | ⋮                                                                                                                                       |
| ⋮                                    | ⋮                    | ⋮                    | ⋮   | ⋮                                                                                                                                       |

FIG.23

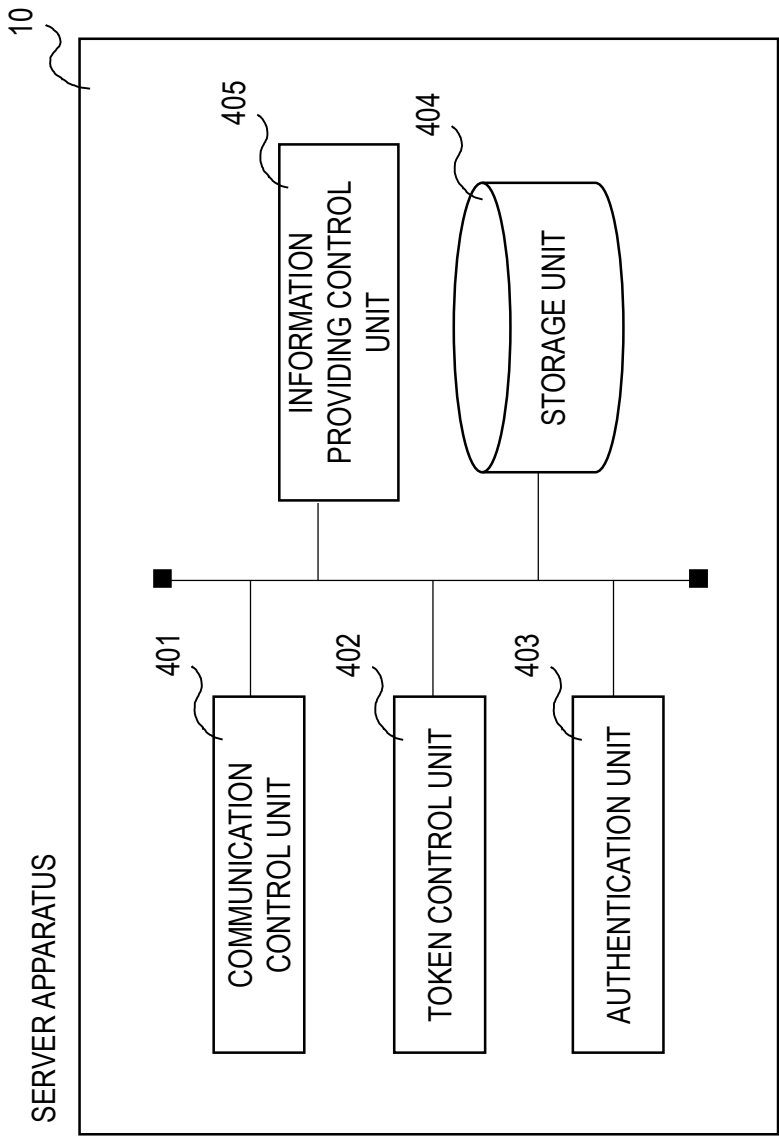


FIG.24

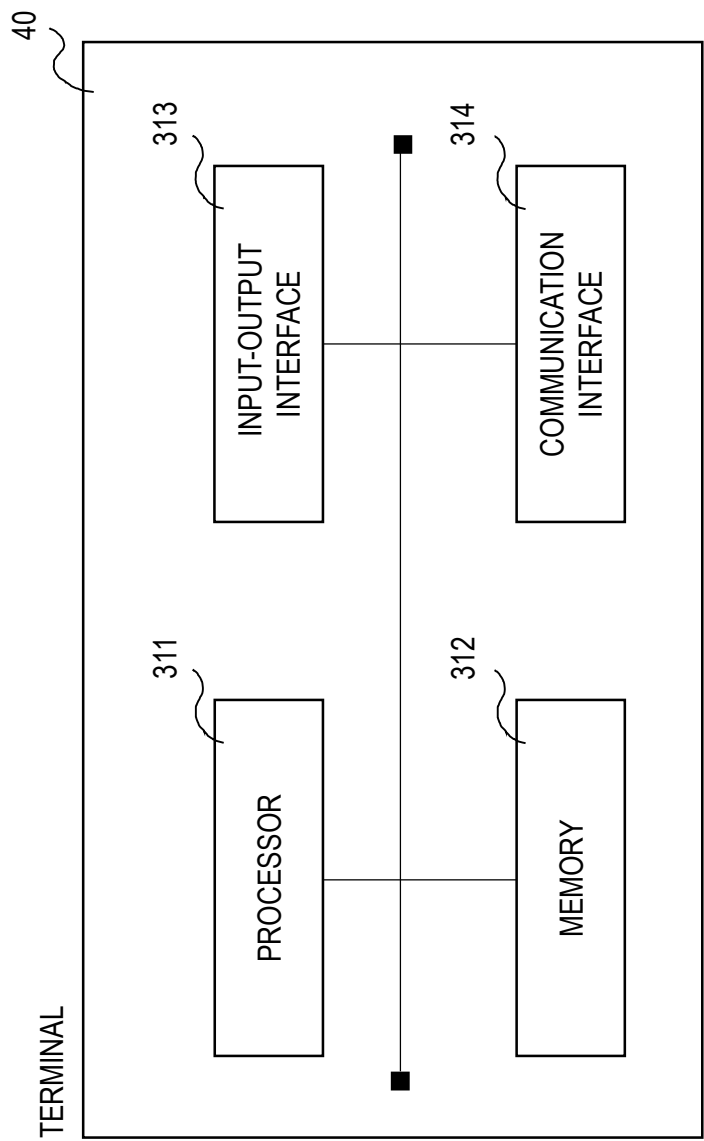


FIG.25