

FIG.1

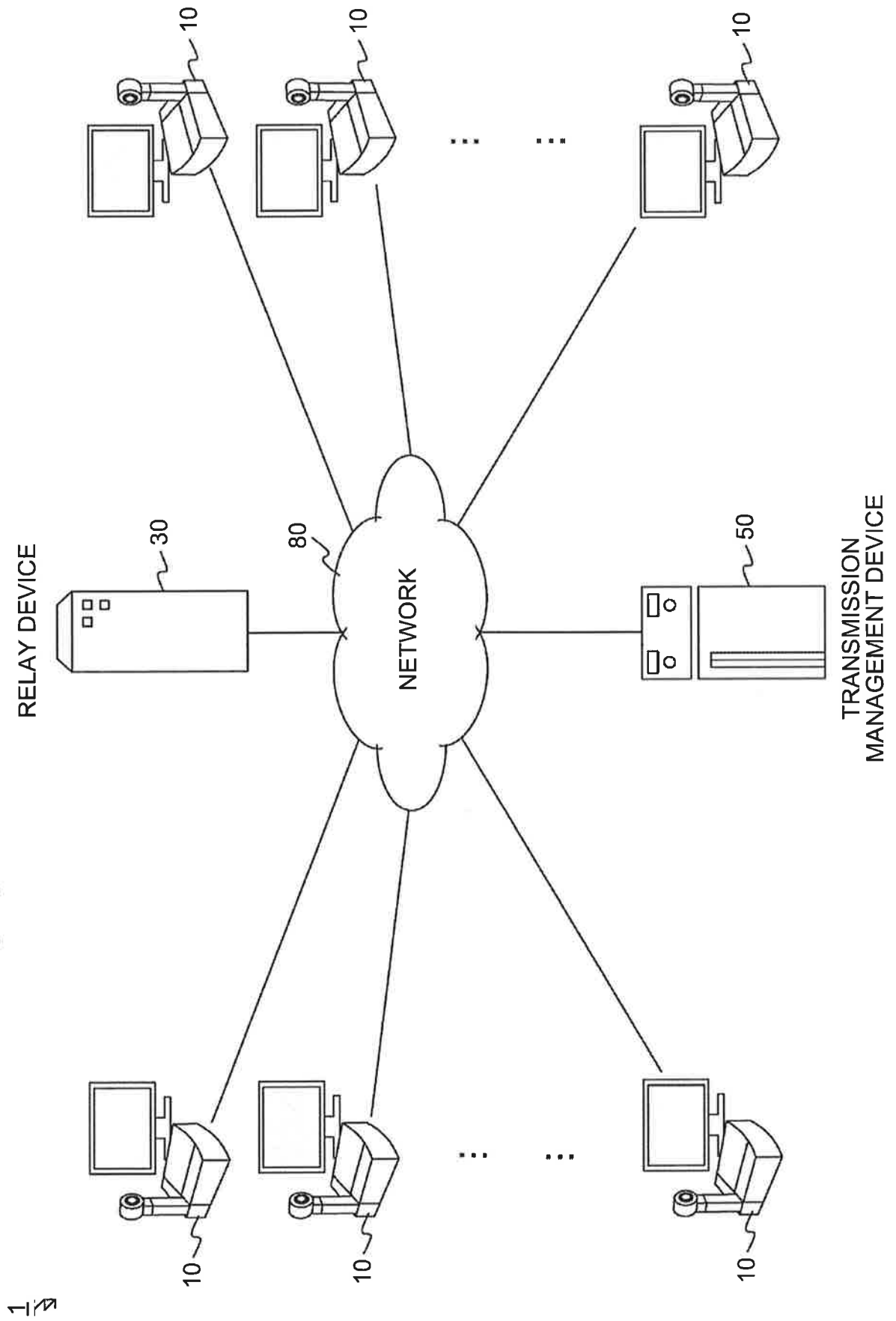


FIG.2

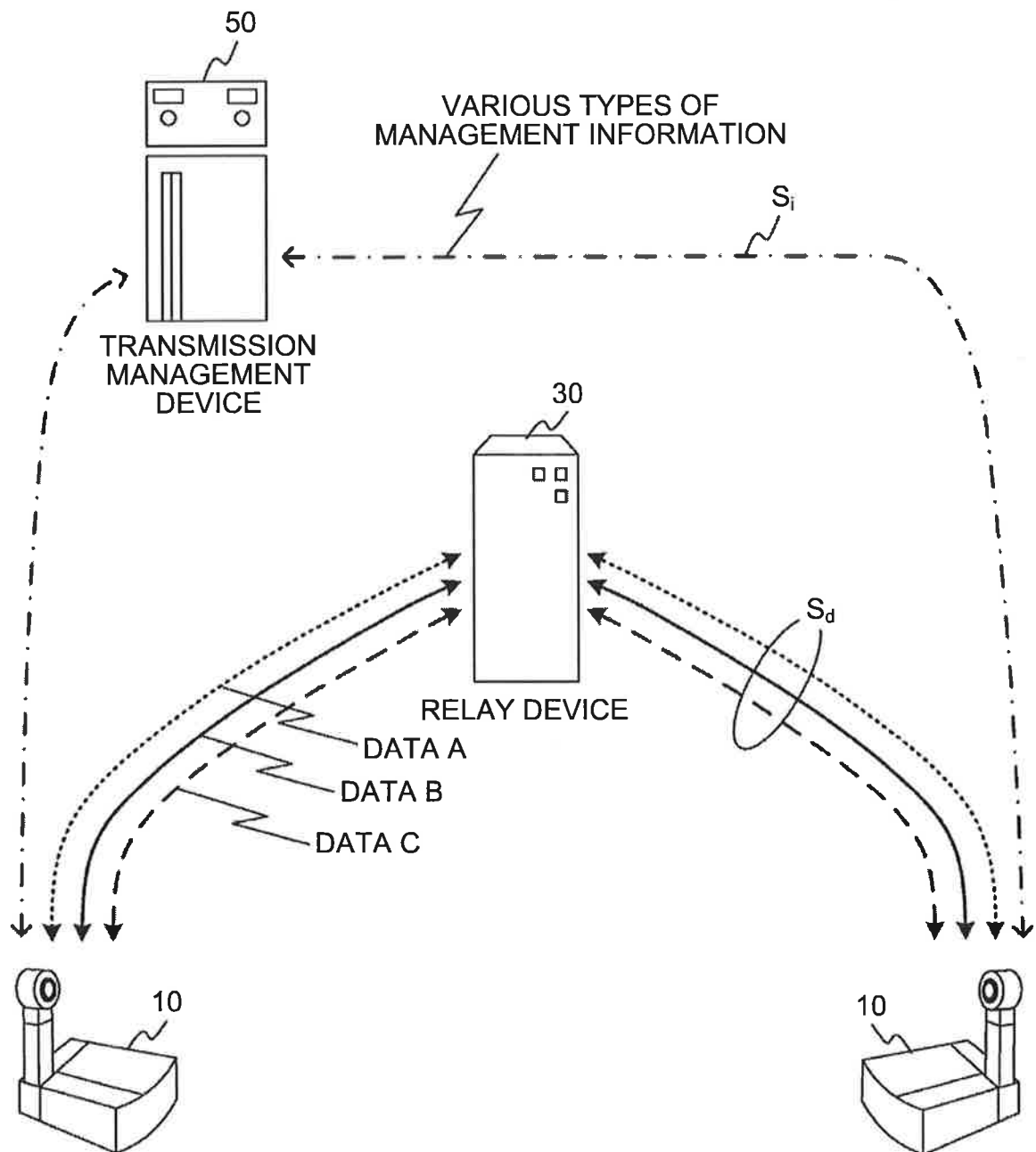


FIG.3

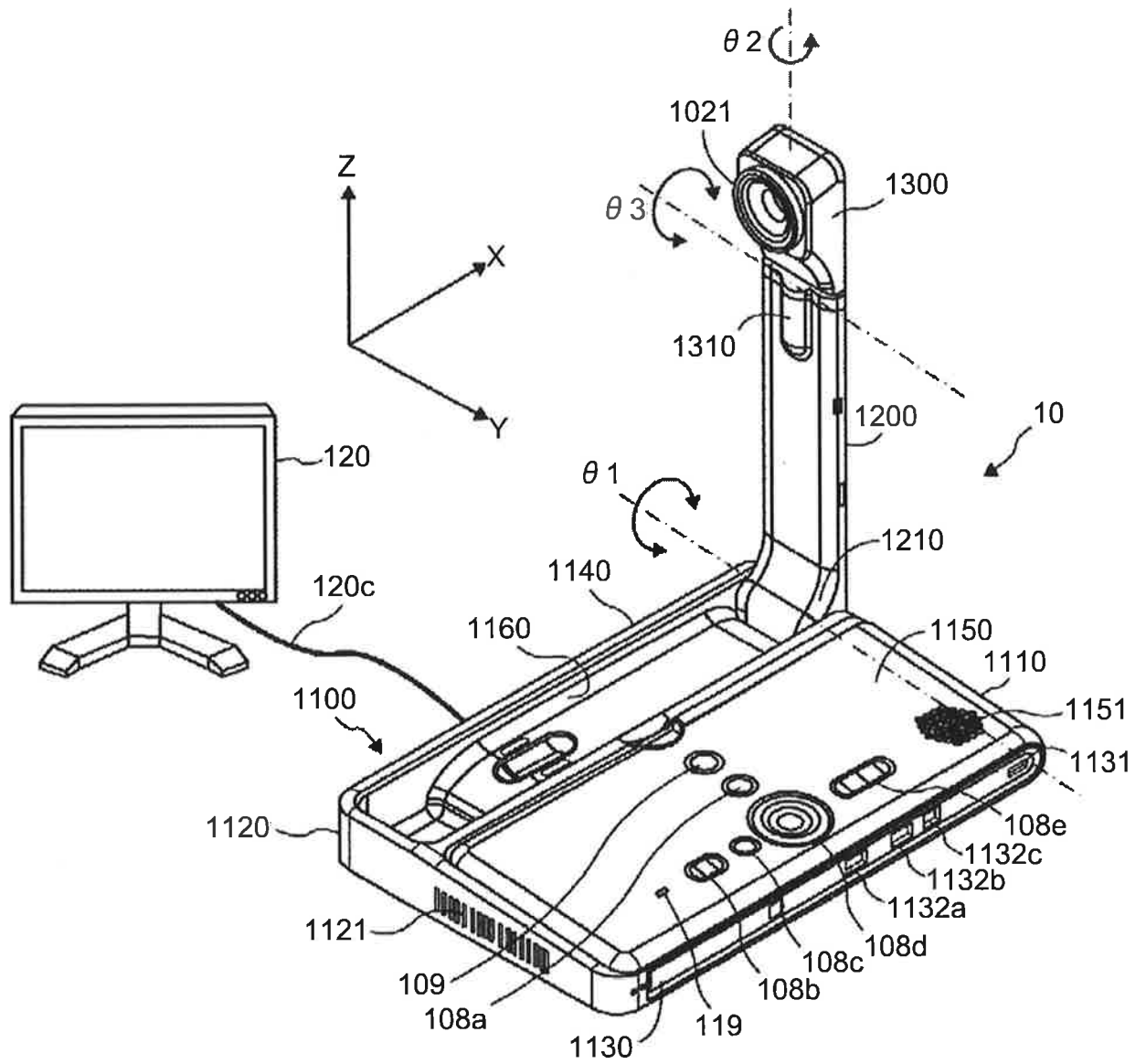


FIG.4

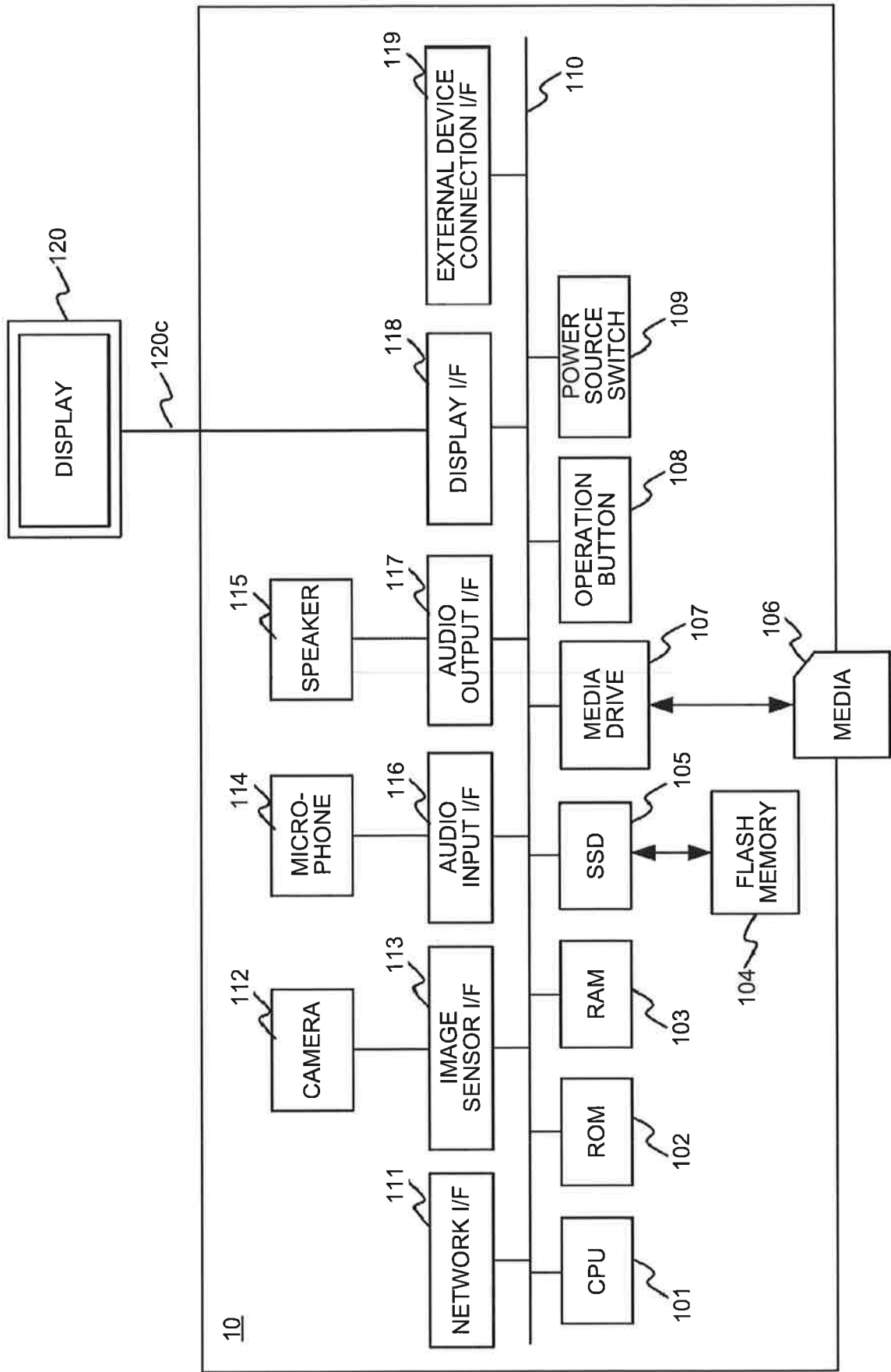


FIG.5

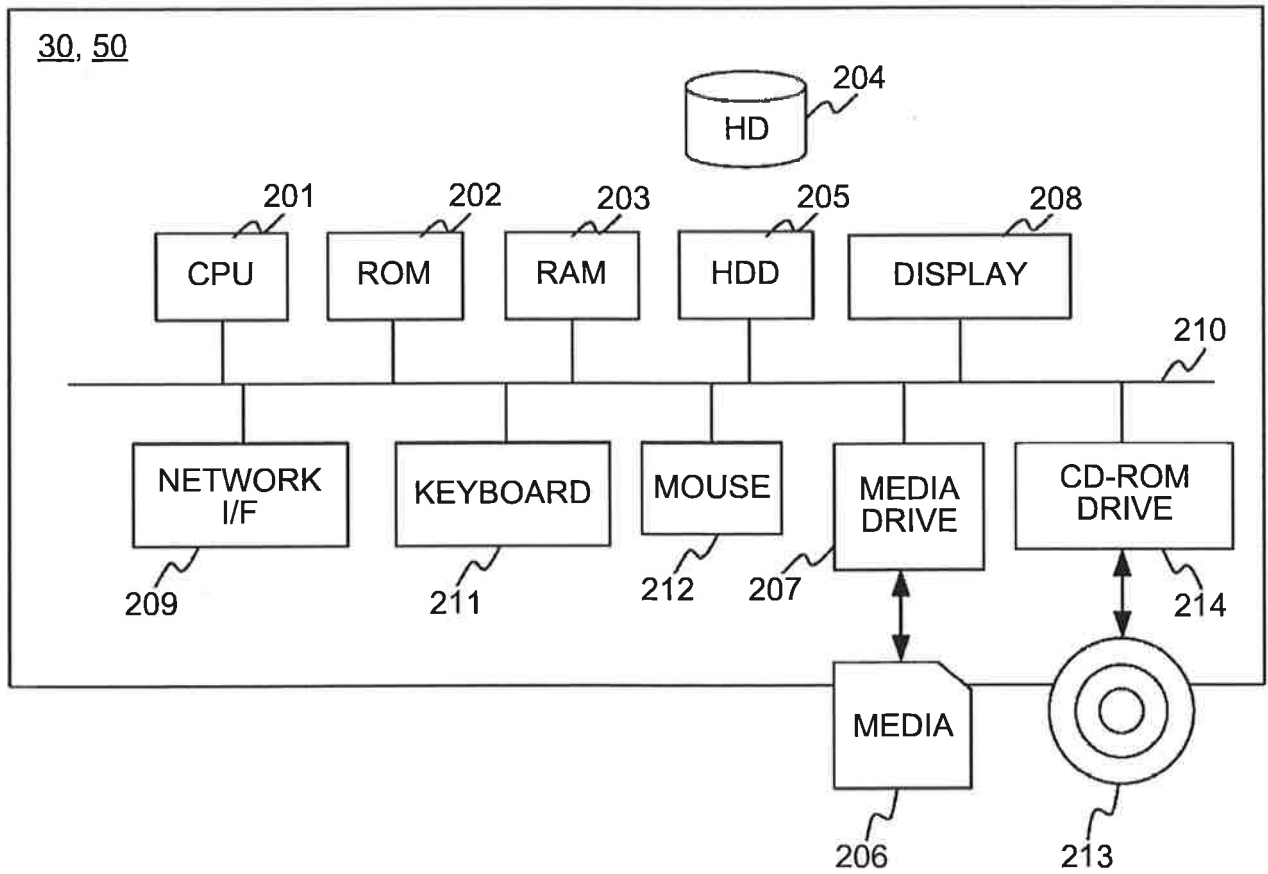
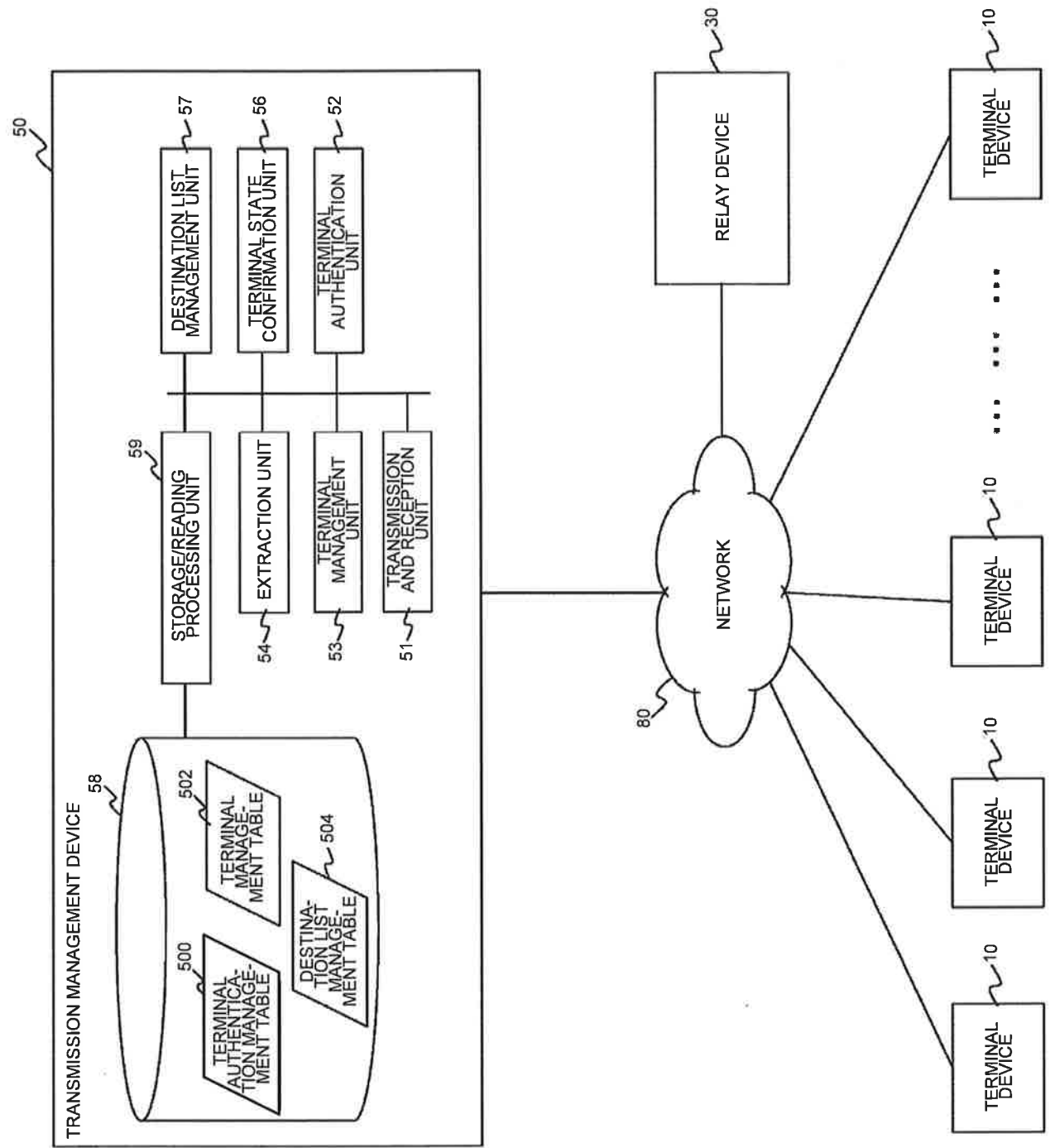


FIG.6



## FIG.7

500  
TERMINAL AUTHENTICATION  
MANAGEMENT TABLE

| TERMINAL<br>ID | PASSWORD |
|----------------|----------|
| XTK0001        | 1234     |
| ⋮              | ⋮        |
| XOS0002        | 3456     |
| ⋮              | ⋮        |
| YOS0003        | 5678     |
| ⋮              | ⋮        |

## FIG.8

| TERMINAL ID | TERMINAL NAME                                 | OPERATION STATE                      | RECEPTION DATE<br>AND TIME | IP ADDRESS |
|-------------|-----------------------------------------------|--------------------------------------|----------------------------|------------|
| XTK0001     | COMPANY X TOKYO HEAD<br>OFFICE TERMINAL 1     | ONLINE (TRANSMISSION<br>IS POSSIBLE) | 2014.11.10.13:40           | 1.2.1.3    |
| XTK0002     | COMPANY X TOKYO HEAD<br>OFFICE TERMINAL 2     | ONLINE (TRANSMISSION<br>IS POSSIBLE) | 2014.11.10.12:00           | 1.2.1.4    |
| XTK0003     | COMPANY X TOKYO HEAD<br>OFFICE TERMINAL 3     | OFFLINE                              | 2014.11.09.12:40           | 1.2.1.5    |
| ⋮           | ⋮                                             | ⋮                                    | ⋮                          | ⋮          |
| XOS0001     | COMPANY X OSAKA BRANCH<br>TERMINAL 1          | ONLINE<br>(IN TRANSMISSION)          | 2014.11.10.13:45           | 1.2.2.3    |
| XOS0002     | COMPANY X OSAKA BRANCH<br>TERMINAL 2          | OFFLINE                              | 2014.11.10.10:30           | 1.2.2.4    |
| XOS0003     | COMPANY X OSAKA BRANCH<br>TERMINAL 3          | ONLINE (TRANSMISSION<br>IS POSSIBLE) | 2014.11.10.13:50           | 1.2.2.5    |
| ⋮           | ⋮                                             | ⋮                                    | ⋮                          | ⋮          |
| YOS0001     | COMPANY Y OSAKA BUSINESS<br>OFFICE TERMINAL 1 | OFFLINE                              | 2014.11.09.11:25           | 1.2.3.3    |
| YOS0002     | COMPANY Y OSAKA BUSINESS<br>OFFICE TERMINAL 2 | ONLINE (TEMPORARILY<br>SUSPENDED)    | 2014.11.10.12:45           | 1.2.3.4    |
| YOS0003     | COMPANY Y OSAKA BUSINESS<br>OFFICE TERMINAL 3 | ONLINE (TRANSMISSION<br>IS POSSIBLE) | 2014.11.10.12:45           | 1.2.3.5    |
| ⋮           | ⋮                                             | ⋮                                    | ⋮                          | ⋮          |

FIG.9

504  
DESTINATION LIST MANAGEMENT TABLE

| TRANSMISSION SOURCE<br>TERMINAL<br>(TERMINAL ID) | DESTINATION TERMINAL (TERMINAL ID)                      |
|--------------------------------------------------|---------------------------------------------------------|
| XTK0001                                          | XTK0002, XTK0003, XTK0004, ... ..., XOS001, XOS002, ... |
| XTK0002                                          | XTK0001, XTK0003, XTK0004, ... ..., XOS001, XOS002, ... |
| XTK0003                                          | XTK0001, XTK0002, XTK0004, ... ..., XOS001, XOS002, ... |
| ⋮                                                | ⋮                                                       |
| XOS0001                                          | XOS0002, XOS0003, XOS0004, ... ..., YOS001, YOS002, ... |
| XOS0002                                          | XOS0001, XOS0003, XOS0004, ... ..., YOS001, YOS002, ... |
| XOS0003                                          | XOS0001, XOS0002, XOS0004, ... ..., YOS001, YOS002, ... |
| ⋮                                                | ⋮                                                       |
| YOS0001                                          | YOS0002, YOS0003, YOS0004, ... ..., XTJ001, XTJ002, ... |
| YOS0002                                          | YOS0001, YOS0003, YOS0004, ... ..., XTJ001, XTJ002, ... |
| YOS0003                                          | YOS0001, YOS0002, YOS0004, ... ..., XTJ001, XTJ002, ... |
| ⋮                                                | ⋮                                                       |

FIG.10

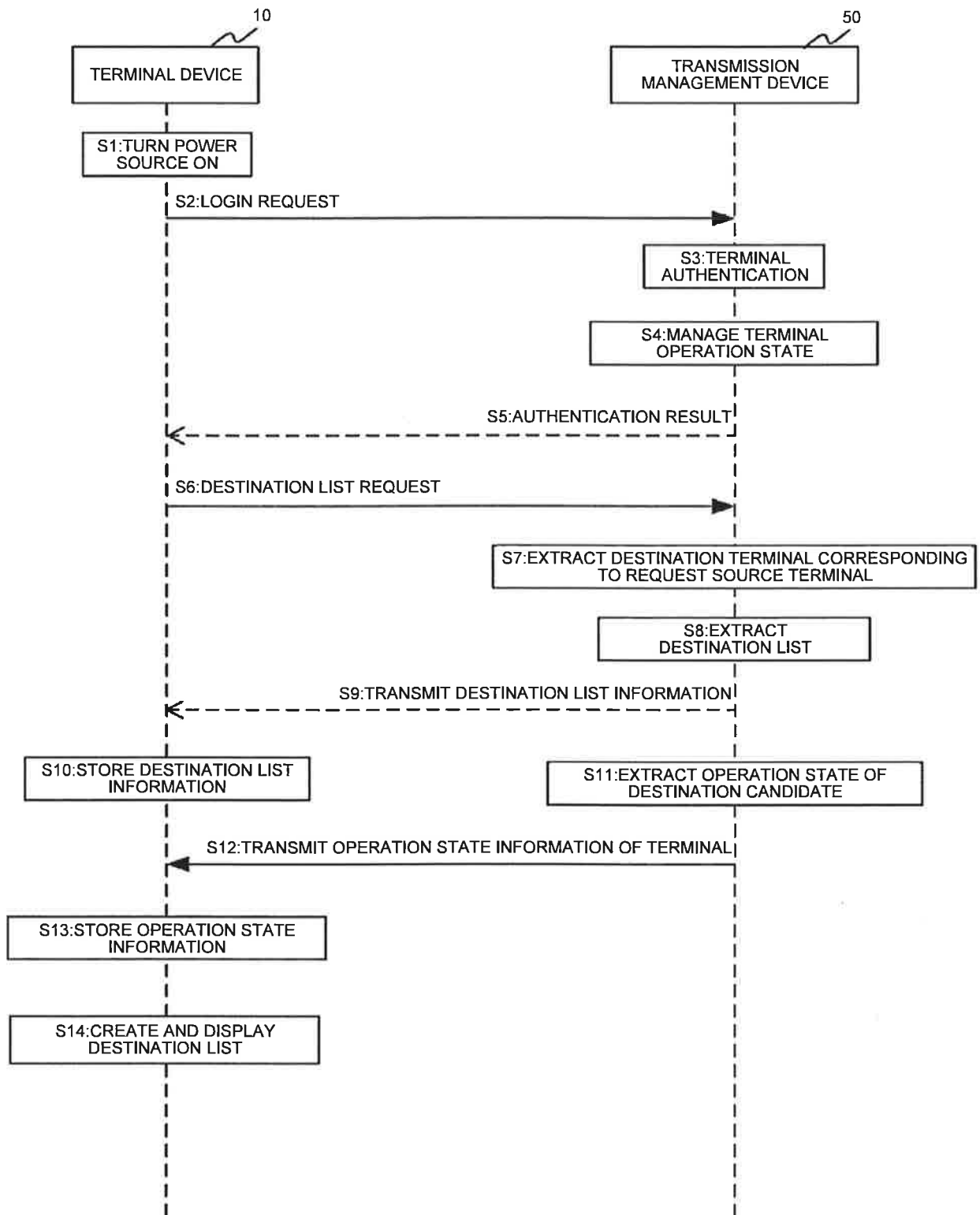
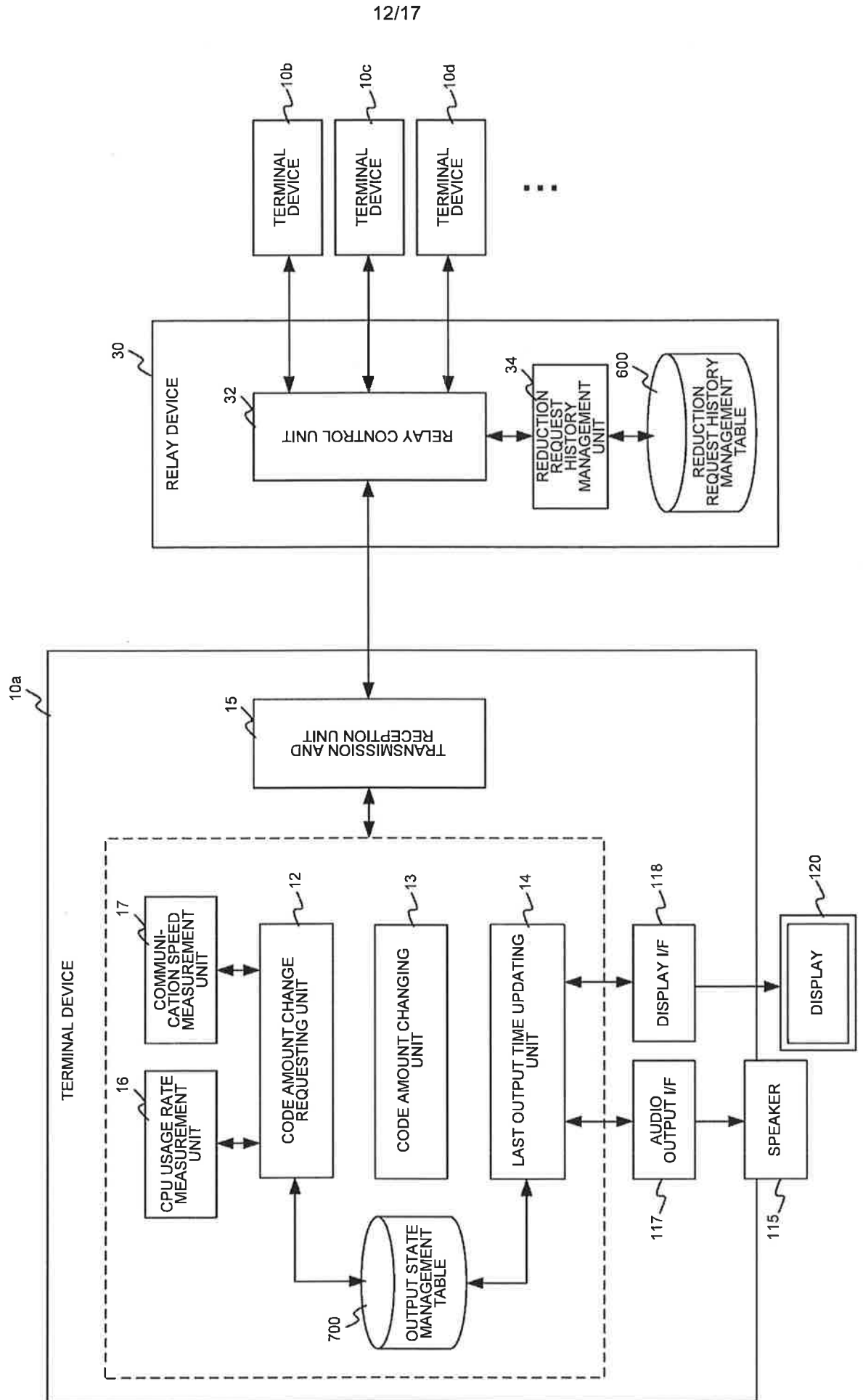


FIG.11

| DESTINATION LIST                        |         |                                           |
|-----------------------------------------|---------|-------------------------------------------|
|                                         |         |                                           |
| ONLINE<br>(TRANSMISSION<br>IS POSSIBLE) | XTK0002 | COMPANY X TOKYO HEAD OFFICE<br>TERMINAL 2 |
| OFFLINE                                 | XTK0003 | COMPANY X TOKYO HEAD OFFICE<br>TERMINAL 3 |
| ONLINE<br>(TRANSMISSION<br>IS POSSIBLE) | XTK0004 | COMPANY X TOKYO HEAD OFFICE<br>TERMINAL 4 |
| ONLINE<br>(BUSY)                        | XTK0005 | COMPANY X TOKYO HEAD OFFICE<br>TERMINAL 5 |
| OFFLINE                                 | XTK0006 | COMPANY X TOKYO HEAD OFFICE<br>TERMINAL 6 |
| OFFLINE                                 | XTK0007 | COMPANY X TOKYO HEAD OFFICE               |

FIG.12



# FIG.13

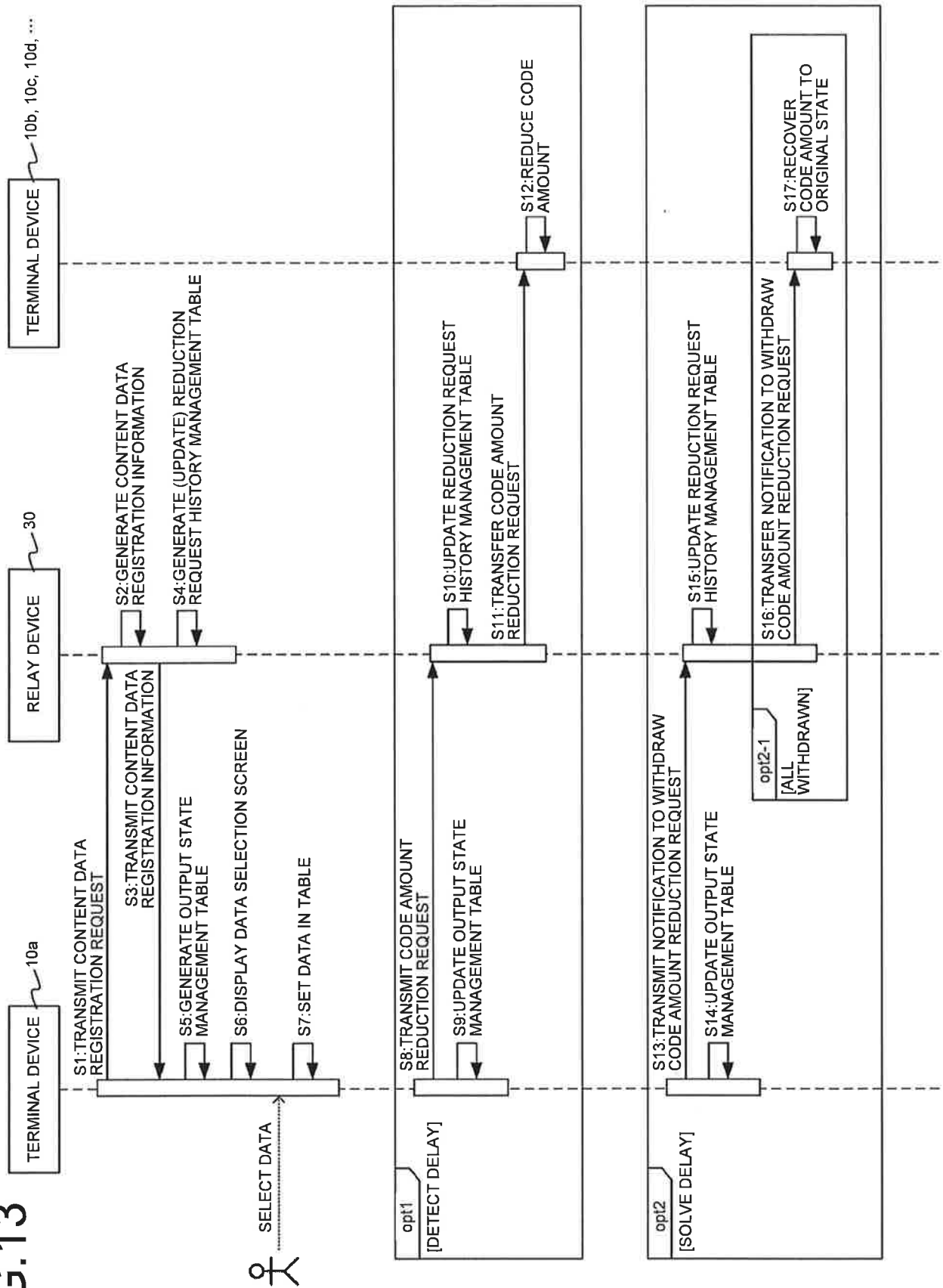


FIG.14

600  
REDUCTION REQUEST HISTORY MANAGEMENT TABLE

(a)

| 602<br>SESSION ID | 604<br>DATA ID | 606<br>TERMINAL ID OF REDUCTION REQUEST<br>SOURCE (CAUSE INFORMATION) |
|-------------------|----------------|-----------------------------------------------------------------------|
| s0001             | XTK0011A       | —                                                                     |
| s0002             | XTK0012V       | —                                                                     |
| s0003             | XOS0021A       | —                                                                     |
| s0004             | XOS0022V       | —                                                                     |
| s0005             | YOS0031A       | —                                                                     |
| s0006             | YOS0032V       | —                                                                     |
| ⋮                 | ⋮              | ⋮                                                                     |

600  
REDUCTION REQUEST HISTORY MANAGEMENT TABLE

(b)

| 602<br>SESSION ID | 604<br>DATA ID | 606<br>TERMINAL ID OF REDUCTION REQUEST<br>SOURCE (CAUSE INFORMATION) |
|-------------------|----------------|-----------------------------------------------------------------------|
| s0001             | XTK0011A       | —                                                                     |
| s0002             | XTK0012V       | —                                                                     |
| s0003             | XOS0021A       | XTK0001 (Network)                                                     |
| s0004             | XOS0022V       | —                                                                     |
| s0005             | YOS0031A       | XOS0002 (Network), XTK0003 (CPU)                                      |
| s0006             | YOS0032V       | —                                                                     |
| ⋮                 | ⋮              | ⋮                                                                     |

FIG.15

(a)

700  
OUTPUT STATE MANAGEMENT TABLE

| <u>702</u><br>DATA ID | <u>704</u><br>LAST OUTPUT TIME | <u>706</u><br>REDUCTION REQUEST STATE |
|-----------------------|--------------------------------|---------------------------------------|
| —                     | —                              | —                                     |
| —                     | —                              | —                                     |
| —                     | —                              | —                                     |

(b)

700  
OUTPUT STATE MANAGEMENT TABLE

| <u>702</u><br>DATA ID | <u>704</u><br>LAST OUTPUT TIME | <u>706</u><br>REDUCTION REQUEST STATE |
|-----------------------|--------------------------------|---------------------------------------|
| XOS0021A              | —                              | —                                     |
| YOS0031A              | —                              | —                                     |
| XTK0011A              | —                              | —                                     |

(c)

700  
OUTPUT STATE MANAGEMENT TABLE

| <u>702</u><br>DATA ID | <u>704</u><br>LAST OUTPUT TIME | <u>706</u><br>REDUCTION REQUEST STATE |
|-----------------------|--------------------------------|---------------------------------------|
| XOS0021A              | 1234 ***                       | —                                     |
| YOS0031A              | 1234 ***                       | —                                     |
| XTK0011A              | 1234 ***                       | —                                     |

(d)

700  
OUTPUT STATE MANAGEMENT TABLE

| <u>702</u><br>DATA ID | <u>704</u><br>LAST OUTPUT TIME | <u>706</u><br>REDUCTION REQUEST STATE |
|-----------------------|--------------------------------|---------------------------------------|
| XOS0021A              | 1234 ***                       | IN REQUEST                            |
| YOS0031A              | 1234 ***                       | —                                     |
| XTK0011A              | 1234 ***                       | —                                     |

FIG.16

700  
OUTPUT STATE MANAGEMENT TABLE

| 702<br>DATA ID | 704<br>LAST OUTPUT<br>TIME | 706<br>REDUCTION<br>REQUEST STATE |
|----------------|----------------------------|-----------------------------------|
| XOS0021A       | 1234 ***                   | —                                 |
| YOS0031A       | 1234 ***                   | —                                 |
| XTK0011A       | 1234 ***                   | —                                 |

(a)



600  
REDUCTION REQUEST HISTORY MANAGEMENT TABLE

| 602<br>SESSION ID | 604<br>DATA ID | 606<br>TERMINAL ID OF REDUCTION REQUEST<br>SOURCE (CAUSE INFORMATION) |
|-------------------|----------------|-----------------------------------------------------------------------|
| s0001             | XTK0011A       | —                                                                     |
| s0002             | XTK0012V       | —                                                                     |
| s0003             | XOS0021A       | —                                                                     |
| s0004             | XOS0022V       | —                                                                     |
| s0005             | YOS0031A       | XOS0002 (Network), XTK0003 (CPU)                                      |
| s0006             | YOS0032V       | —                                                                     |
| ⋮                 | ⋮              | ⋮                                                                     |

(b)



FIG.17

