

FIG.1

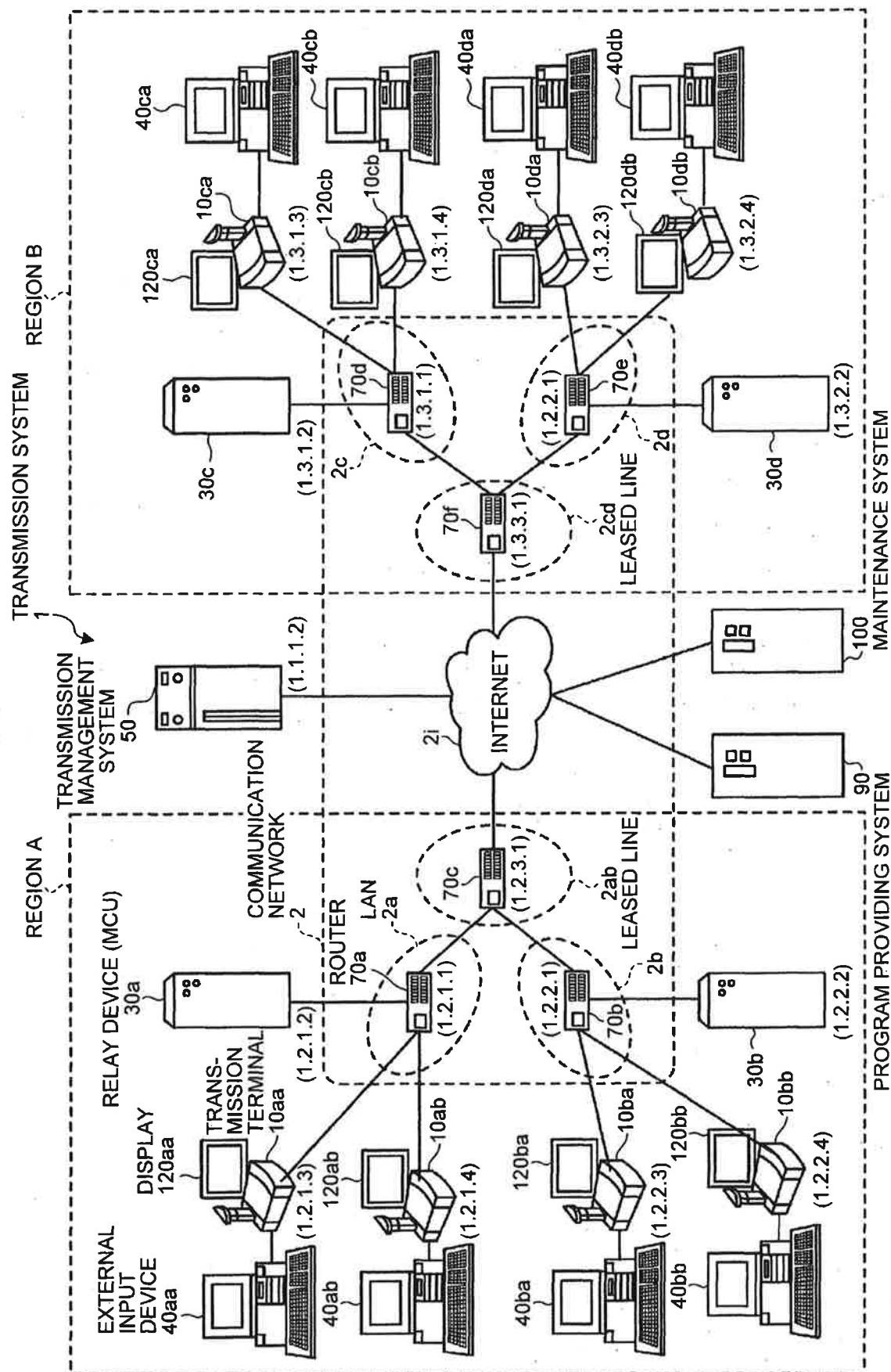


FIG.2

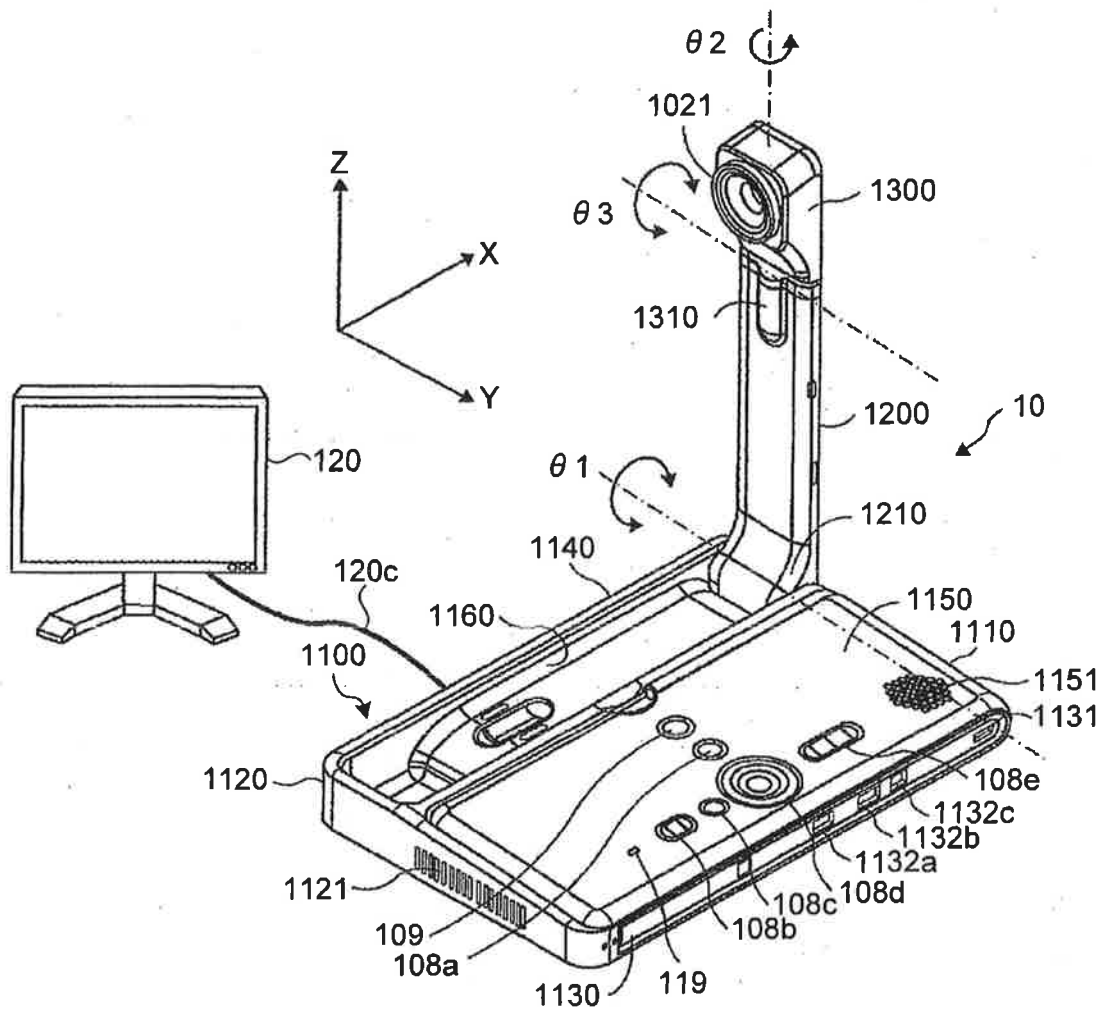
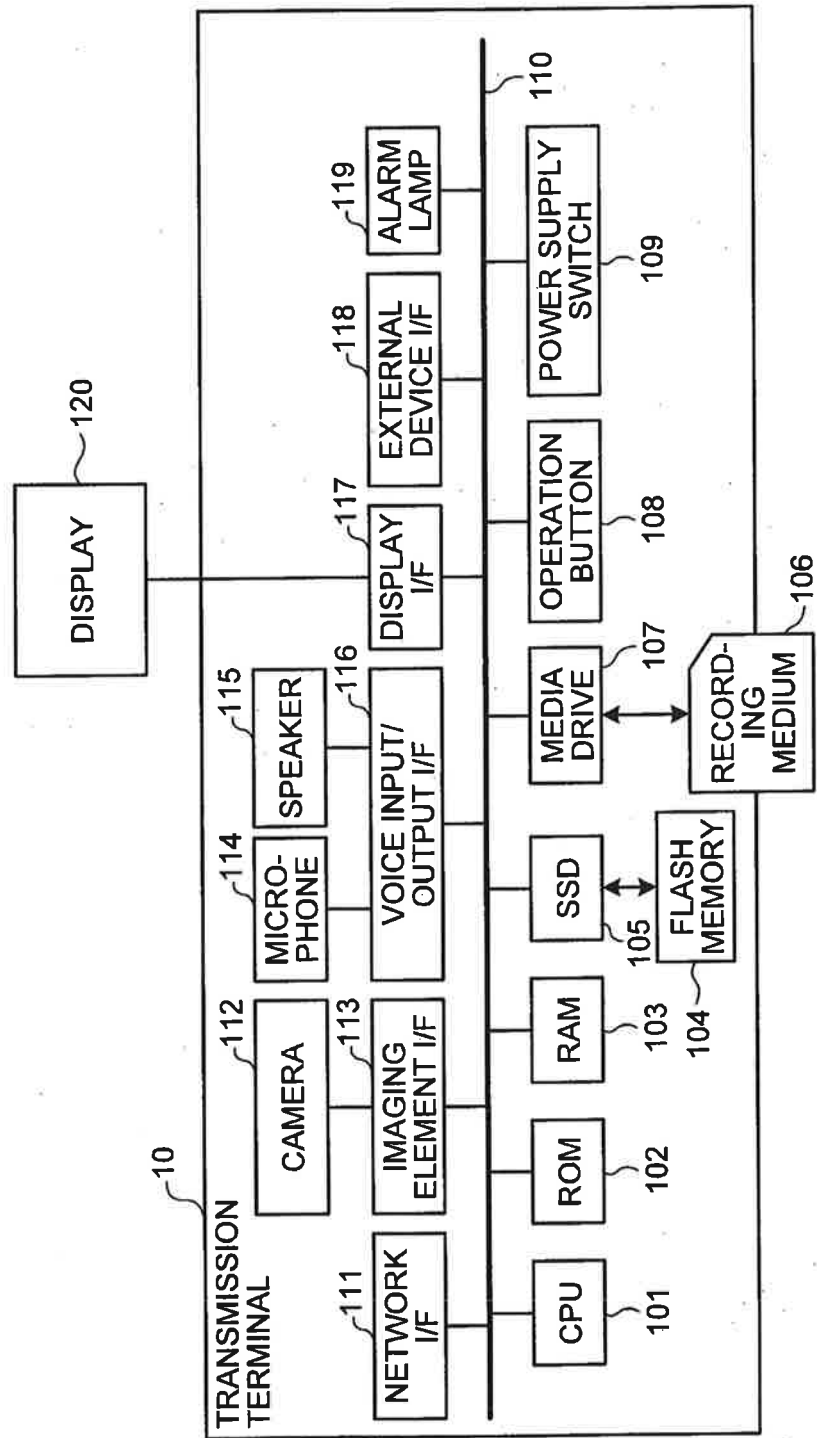


FIG.3



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FIG.4

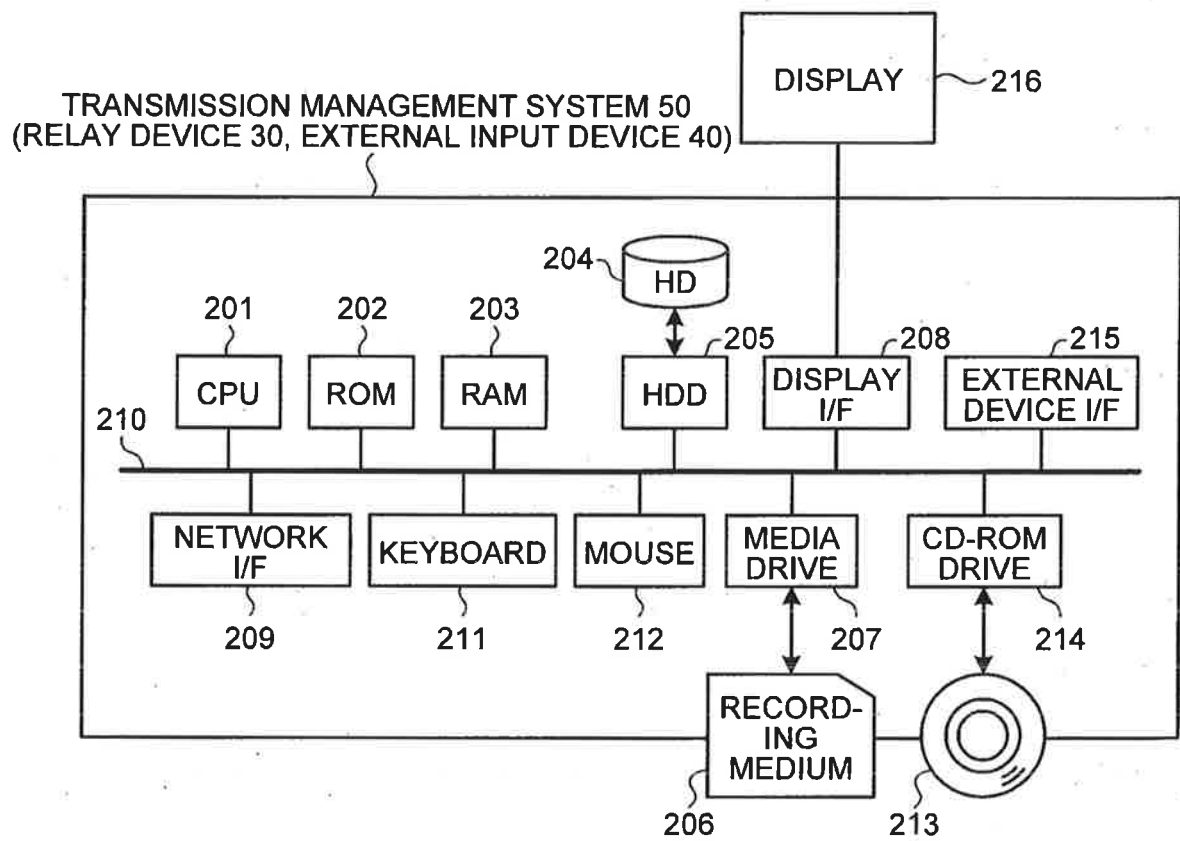
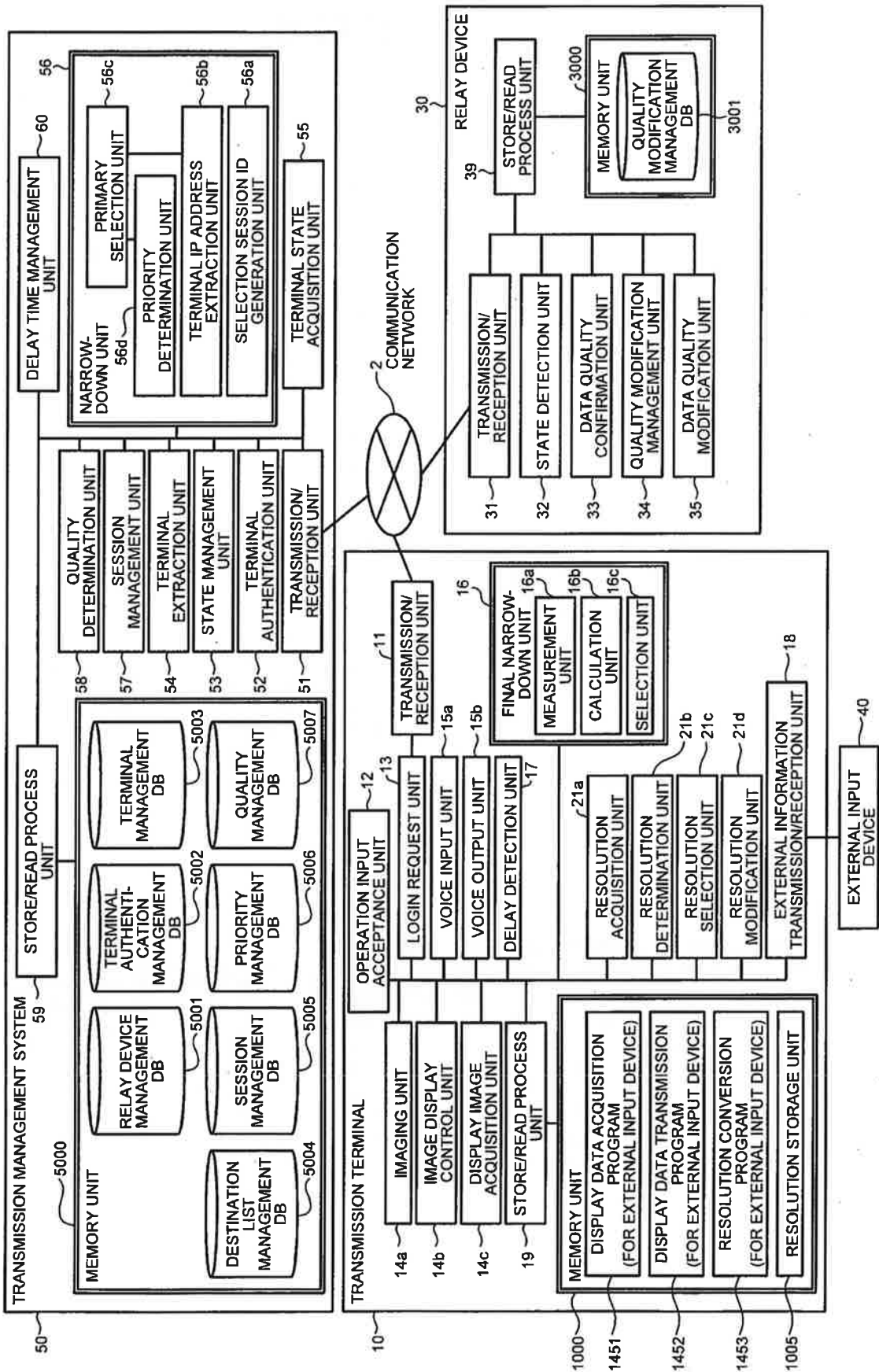


FIG. 5



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FIG.6

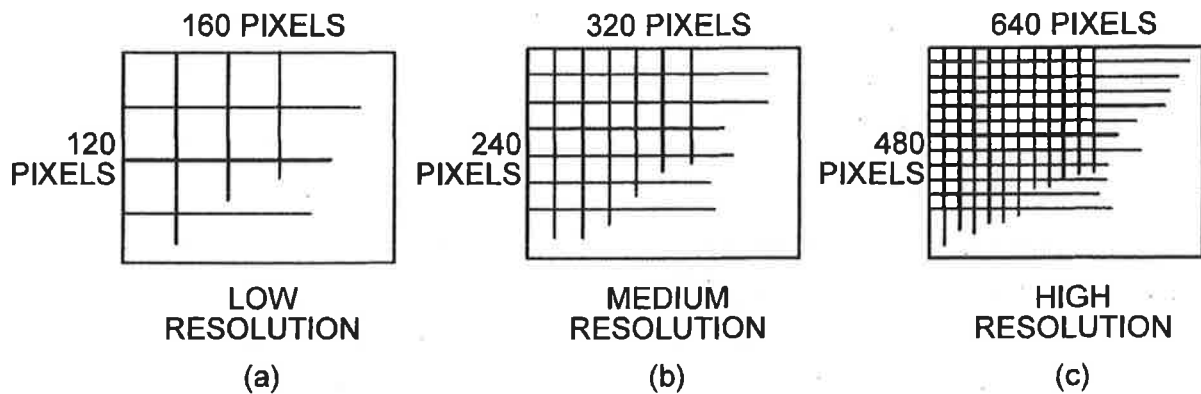


FIG.7

&lt;QUALITY MODIFICATION MANAGEMENT TABLE&gt;

| IP ADDRESS OF<br>TERMINAL TO WHICH<br>DATA IS RELAYED | IMAGE QUALITY OF IMAGE<br>DATA TO BE RELAYED |
|-------------------------------------------------------|----------------------------------------------|
| 1.3.2.4                                               | HIGH IMAGE QUALITY                           |
| 1.3.1.3                                               | LOW IMAGE QUALITY                            |
| 1.3.4.3                                               | MEDIUM IMAGE QUALITY                         |
| ...                                                   | ...                                          |

FIG.8

&lt;RELAY DEVICE MANAGEMENT TABLE&gt;

| RELAY<br>DEVICE ID | OPERATION<br>STATE | RECEPTION<br>DATE AND TIME | IP ADDRESS<br>OF RELAY<br>DEVICE | MAXIMUM DATA<br>TRANSMISSION<br>RATE [Mbps] |
|--------------------|--------------------|----------------------------|----------------------------------|---------------------------------------------|
| 111a               | ON LINE            | 2009.11.10.13:00           | 1.2.1.2                          | 100                                         |
| 111b               | ON LINE            | 2009.11.10.13:10           | 1.2.2.2                          | 1000                                        |
| 111c               | OFF LINE           | 2009.11.10.13:20           | 1.3.1.2                          | 100                                         |
| 111d               | ON LINE            | 2009.11.10.13:30           | 1.3.2.2                          | 10                                          |

FIG.9

&lt;TERMINAL AUTHENTICATION MANAGEMENT TABLE&gt;

| TERMINAL ID | PASSWORD |
|-------------|----------|
| 01aa        | aaaa     |
| 01ab        | abab     |
| 01ba        | baba     |
| ...         | ...      |

FIG.10

&lt;TERMINAL MANAGEMENT TABLE&gt;

| TERMINAL ID | OPERATION STATE | RECEPTION DATE AND TIME | IP ADDRESS OF TERMINAL |
|-------------|-----------------|-------------------------|------------------------|
| 01aa        | ON LINE         | 2009.11.10.13:40        | 1.2.1.3                |
| 01ab        | OFF LINE        | 2009.11.09.12:00        | 1.2.1.4                |
| 01ba        | ON LINE         | 2009.11.10.13:45        | 1.2.2.3                |
| ...         | ...             | ...                     | ...                    |
| 01db        | ON LINE         | 2009.11.10.13:50        | 1.3.2.4                |

FIG.11

&lt;DESTINATION LIST MANAGEMENT TABLE&gt;

| REQUESTOR TERMINAL ID | DESTINATION TERMINAL ID |
|-----------------------|-------------------------|
| 01aa                  | 01ab, 01ba, 01db        |
| 01ab                  | 01aa, 01ba, 01ca        |
| 01ba                  | 01aa, 01ab, 01cb, 01da  |
| ...                   | ...                     |
| 01db                  | 01aa, 01ab, 01da        |

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FIG.12

&lt;SESSION MANAGEMENT TABLE&gt;

| SELECTION<br>SESSION ID | RELAY<br>DEVICE<br>ID | REQUESTOR<br>TERMINAL ID | DESTINATION<br>TERMINAL ID | DELAY<br>TIME<br>[ms] | DATE AND TIME<br>WHEN DELAY<br>INFORMATION IS<br>RECEIVED |
|-------------------------|-----------------------|--------------------------|----------------------------|-----------------------|-----------------------------------------------------------|
| se1                     | 111a                  | 01aa                     | 01db                       | 200                   | 2009.11.10.14:00                                          |
| se2                     | 111b                  | 01ba                     | 01ca                       | 50                    | 2009.11.10.14:10                                          |
| se3                     | 111d                  | 01bb                     | 01da                       | 400                   | 2009.11.10.14:20                                          |
| ...                     | ...                   | ...                      | ...                        | ...                   | ...                                                       |

FIG.13

&lt;ADDRESS PRIORITY MANAGEMENT TABLE&gt;

| IDENTITY/DIFFERENCE WITHIN DOT<br>ADDRESS PORTION | ADDRESS<br>PRIORITY |
|---------------------------------------------------|---------------------|
| IDENTICAL.IDENTICAL.IDENTICAL.DIFFERENT           | 5                   |
| IDENTICAL.IDENTICAL.DIFFERENT.-                   | 3                   |
| IDENTICAL.DIFFERENT.-.-                           | 1                   |
| DIFFERENT.-.-.-                                   | 0                   |

FIG.14

&lt;TRANSMISSION RATE PRIORITY MANAGEMENT TABLE&gt;

| MAXIMUM DATA TRANSMISSION<br>RATE OF RELAY DEVICE [Mbps] | TRANSMISSION<br>RATE PRIORITY |
|----------------------------------------------------------|-------------------------------|
| 1000 TO                                                  | 5                             |
| 100 TO 1000                                              | 3                             |
| 10 TO 100                                                | 1                             |
| TO 10                                                    | 0                             |

FIG.15

&lt;QUALITY MANAGEMENT TABLE&gt;

| DELAY TIME<br>[ms] | IMAGE QUALITY OF<br>IMAGE DATA |
|--------------------|--------------------------------|
| 0 TO 100           | HIGH IMAGE QUALITY             |
| 100 TO 300         | MEDIUM IMAGE QUALITY           |
| 300 TO 500         | LOW IMAGE QUALITY              |
| 500 TO             | (INTERRUPT)                    |

FIG.16

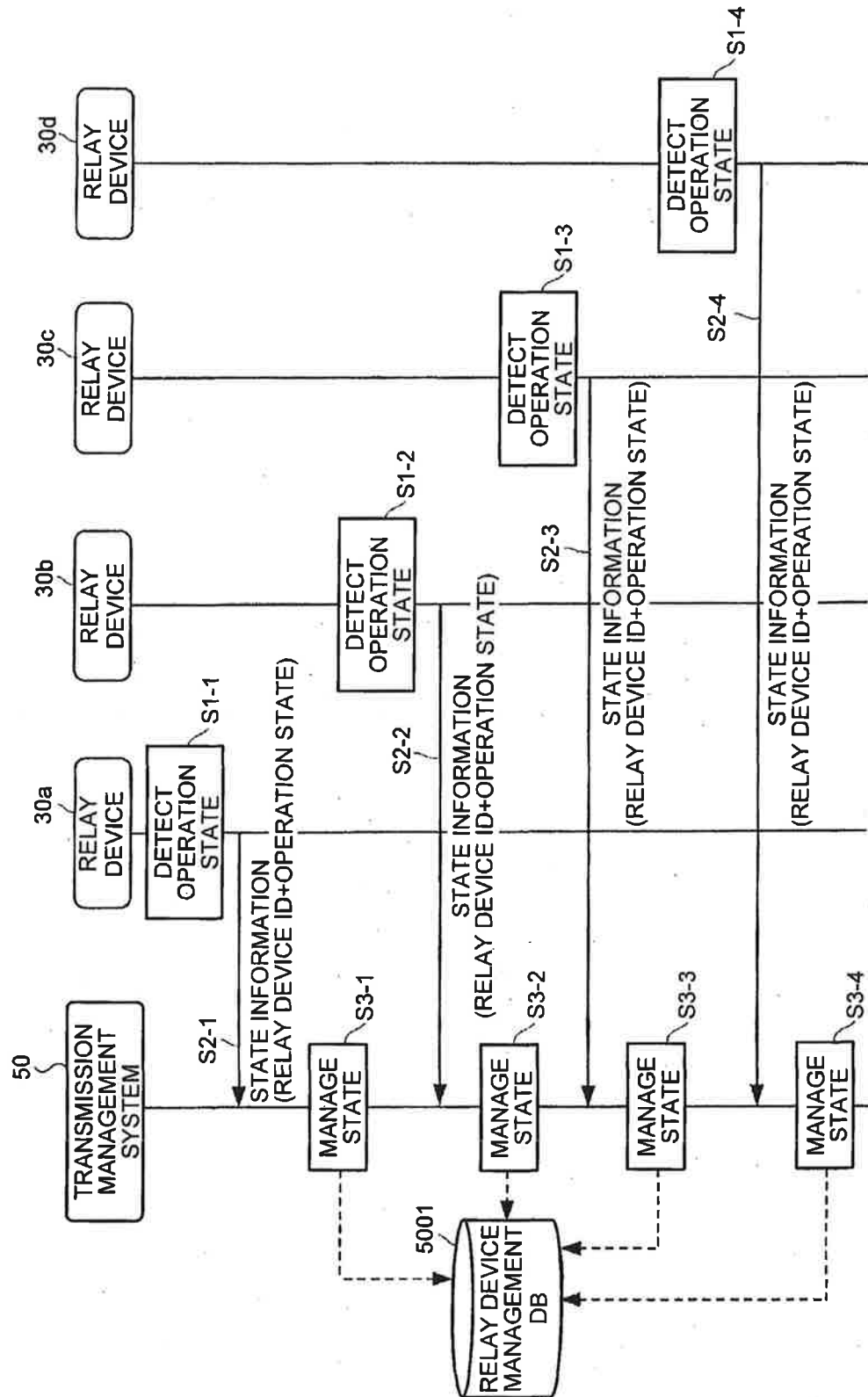
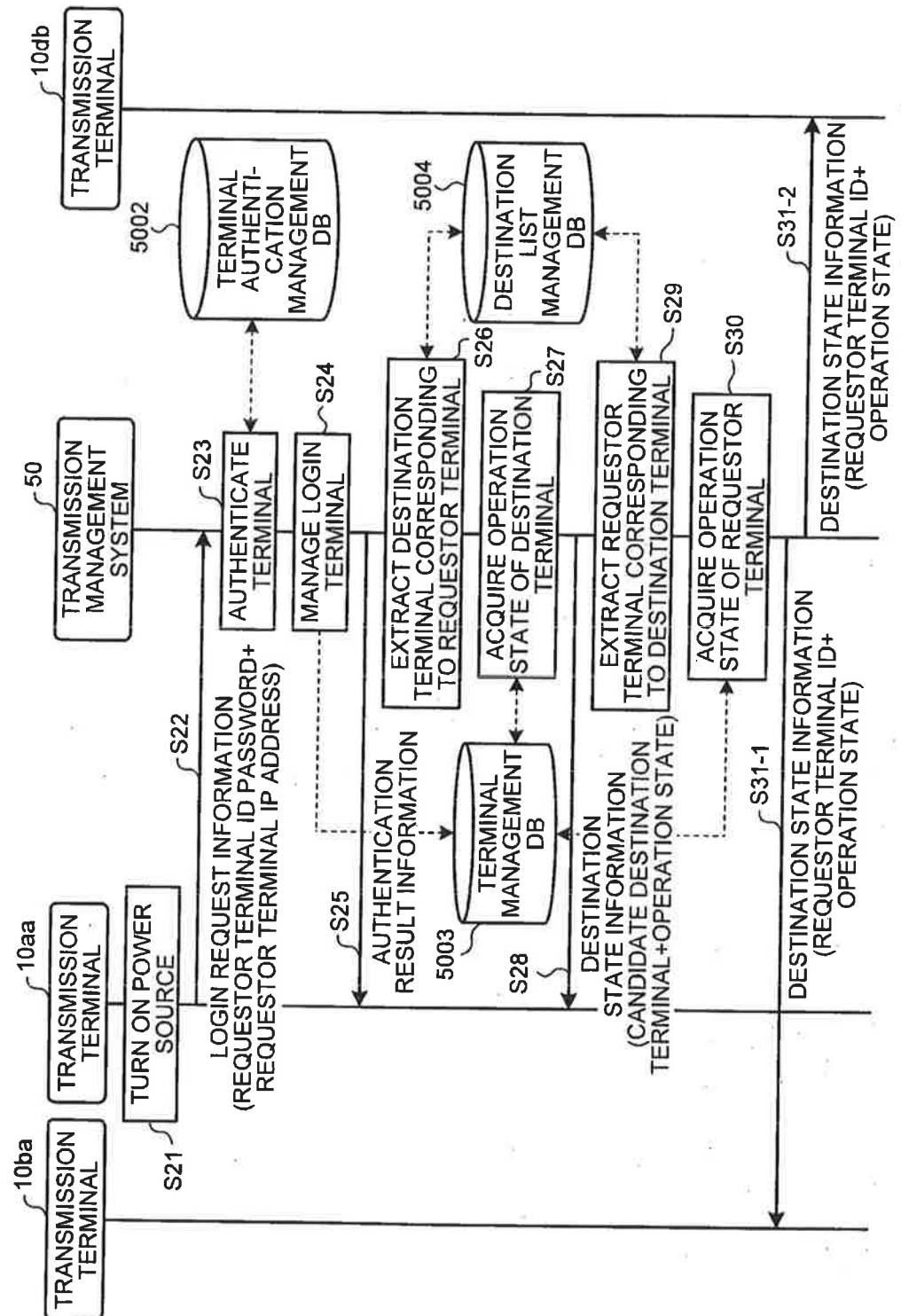
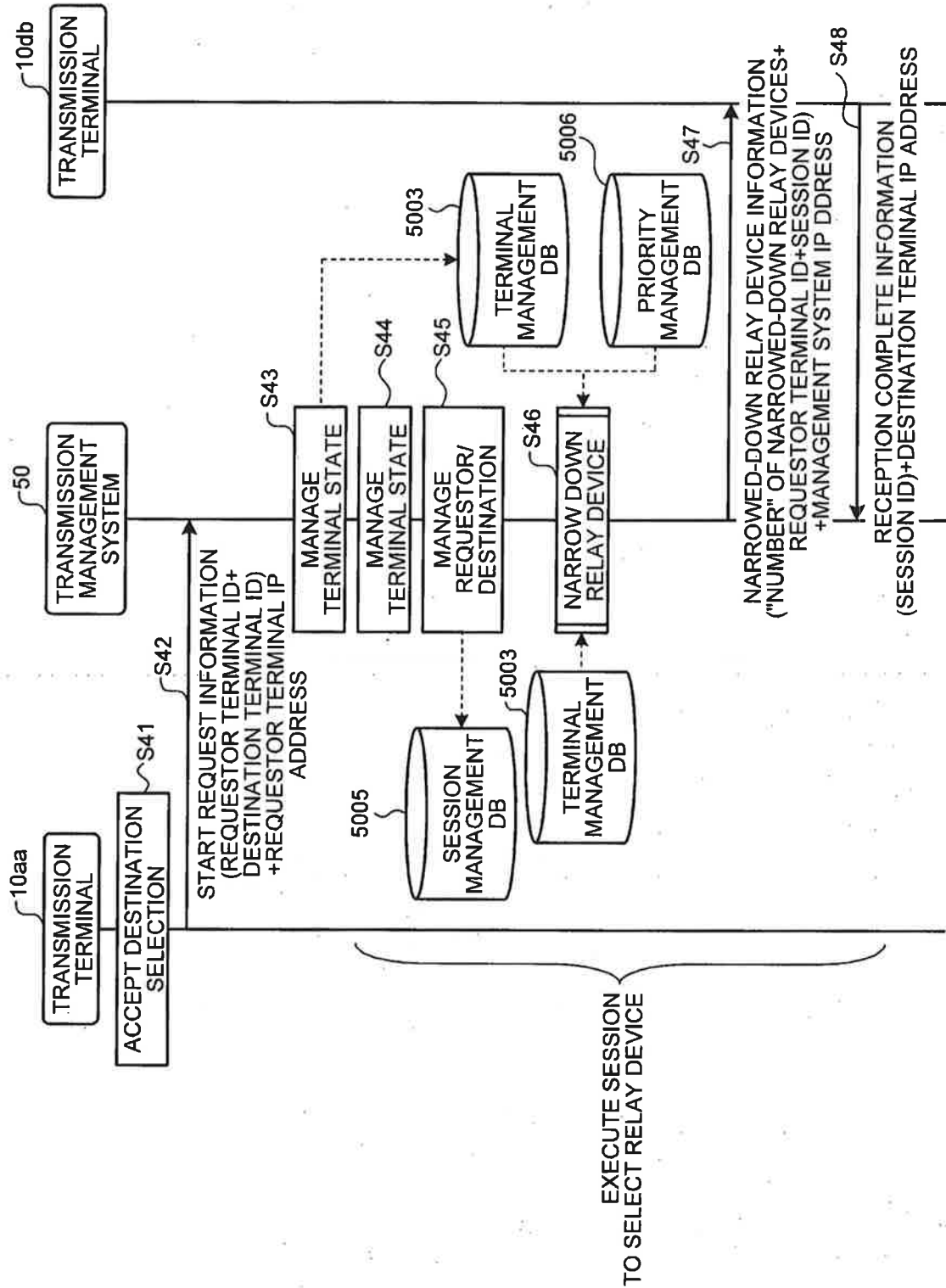


**FIG. 17**



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FIG. 18



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FIG.19

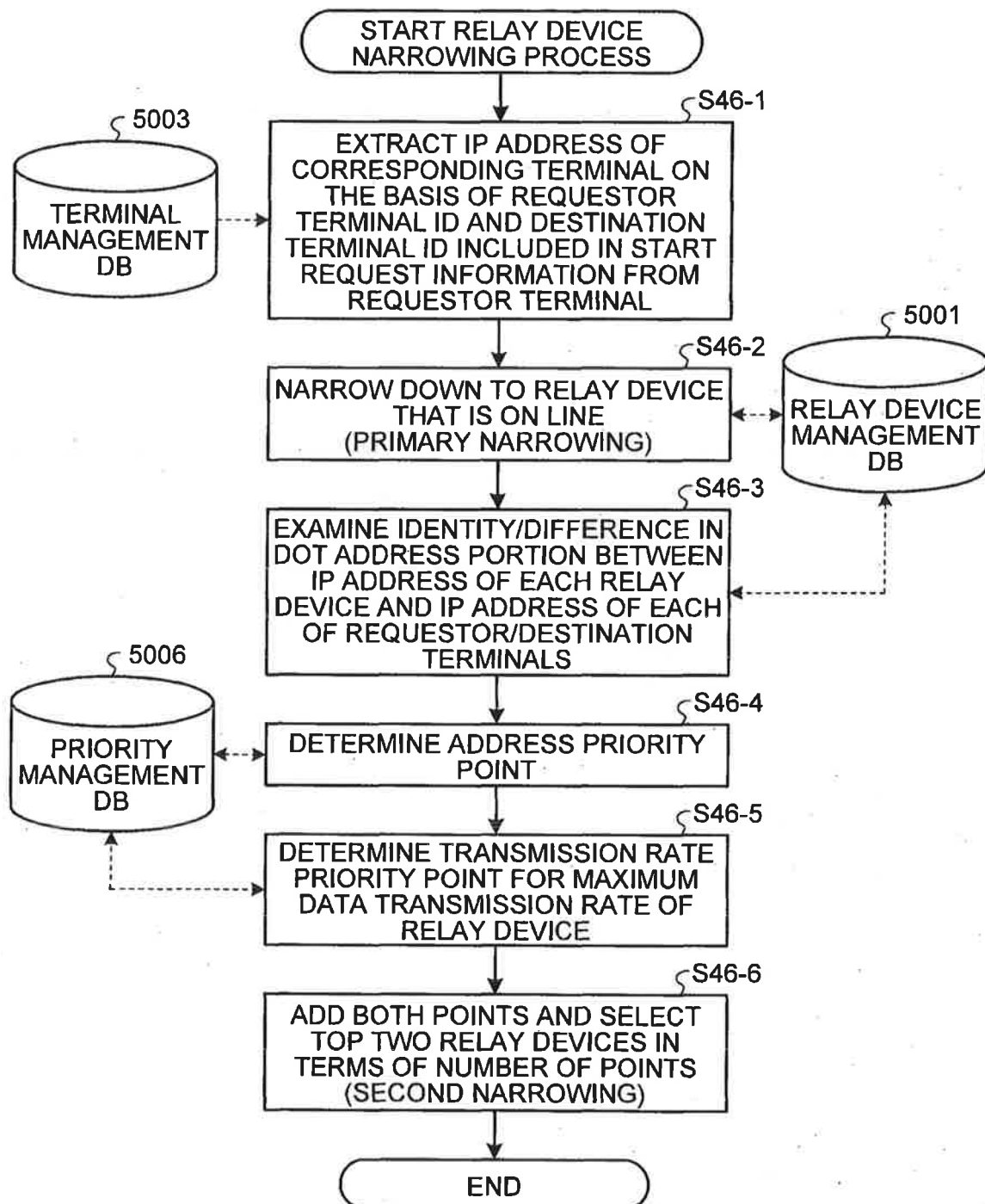


FIG.20

| RELAY<br>DEVICE ID | ADDRESS PRIORITY              |                               | TRANSMISSION<br>RATE PRIORITY<br>POINT | OVERALL<br>POINT |
|--------------------|-------------------------------|-------------------------------|----------------------------------------|------------------|
|                    | POINT FOR<br>TERMINAL<br>10aa | POINT FOR<br>TERMINAL<br>10db |                                        |                  |
| 111a               | 5                             | 1                             | 3                                      | 8                |
| 111b               | 3                             | 1                             | 5                                      | 8                |
| 111c               | -                             | -                             | -                                      | -                |
| 111d               | 1                             | 5                             | 1                                      | 6                |

**FIG. 21**

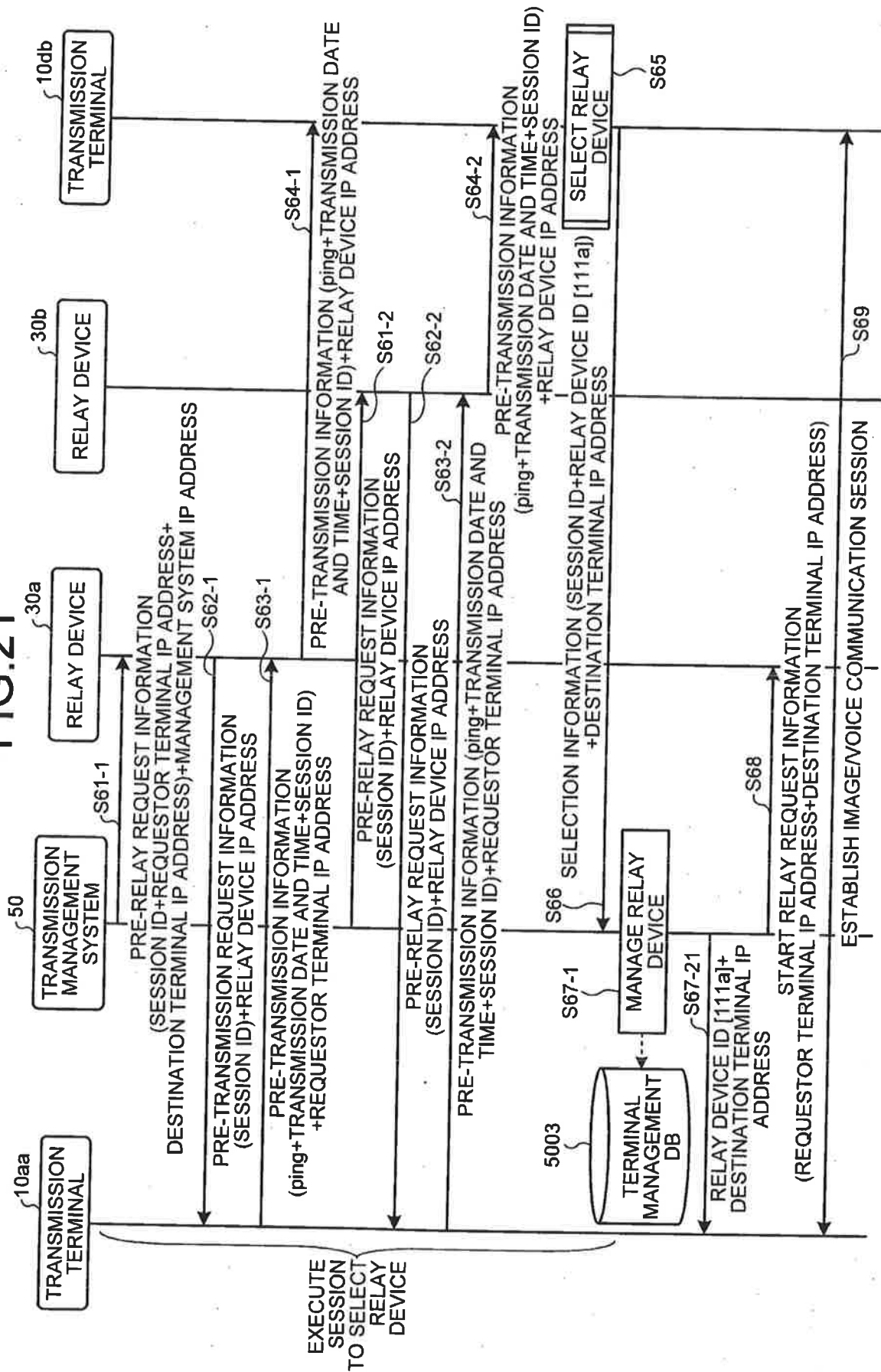


FIG.22

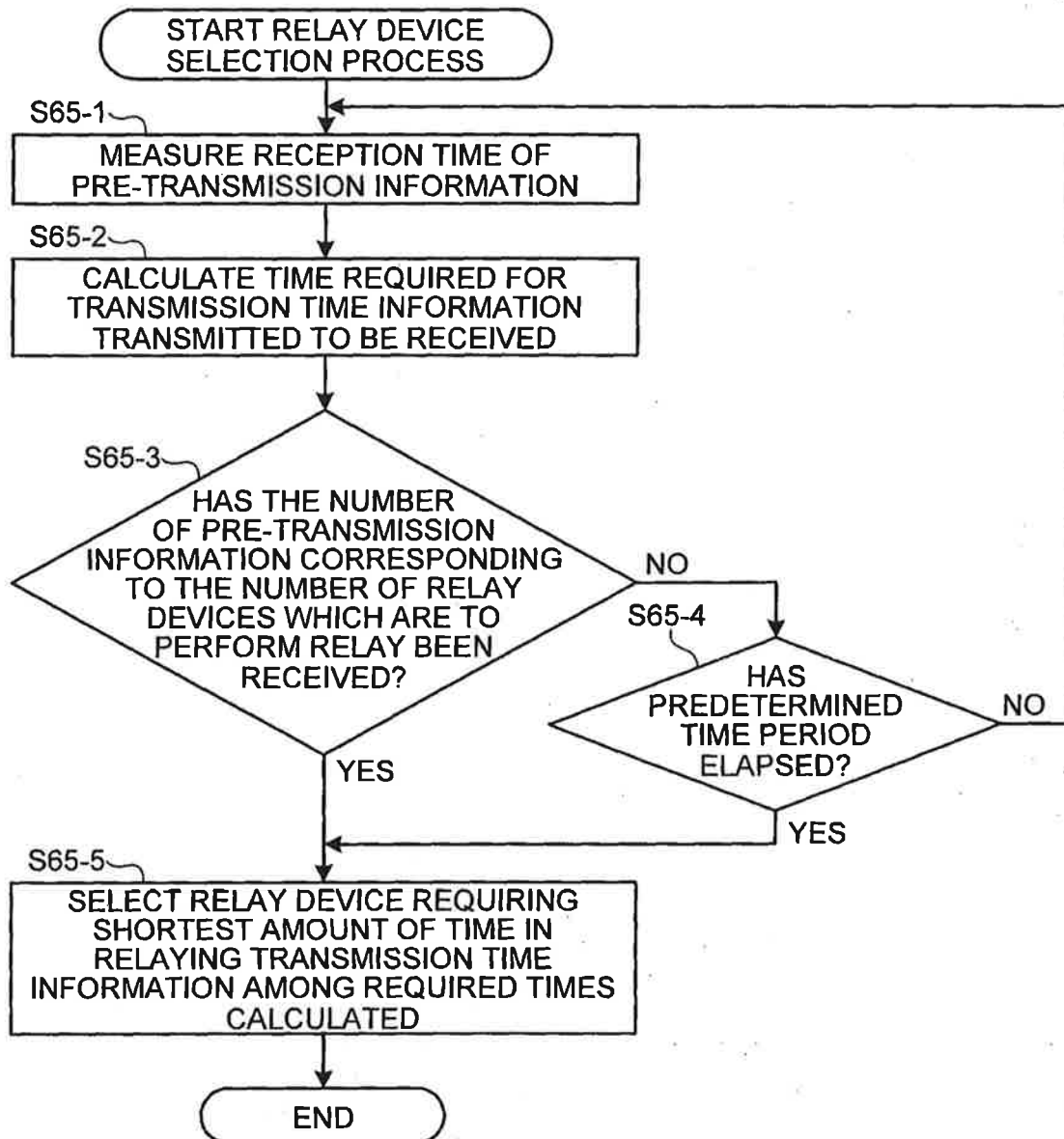
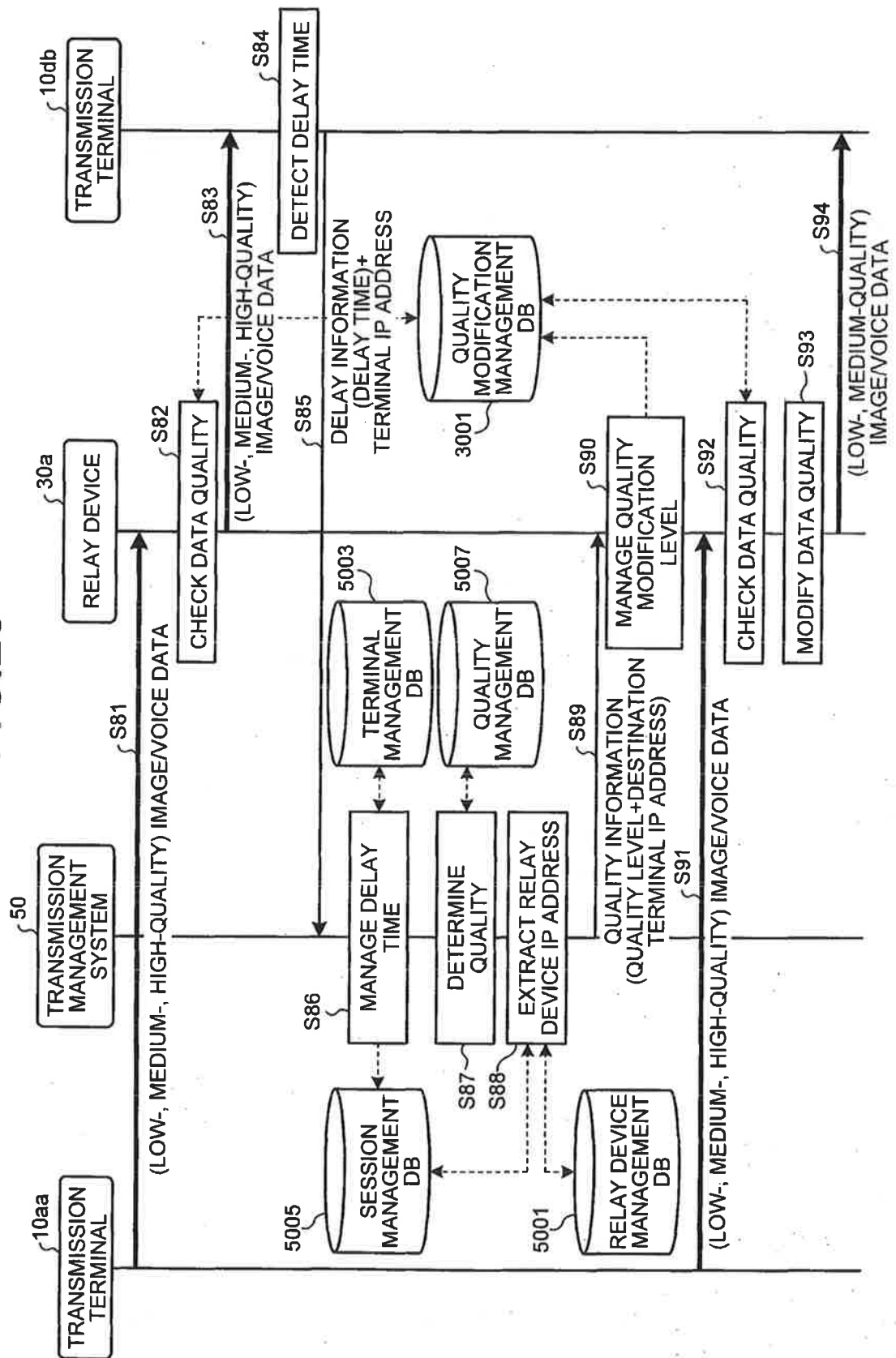


FIG.23



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FIG.24

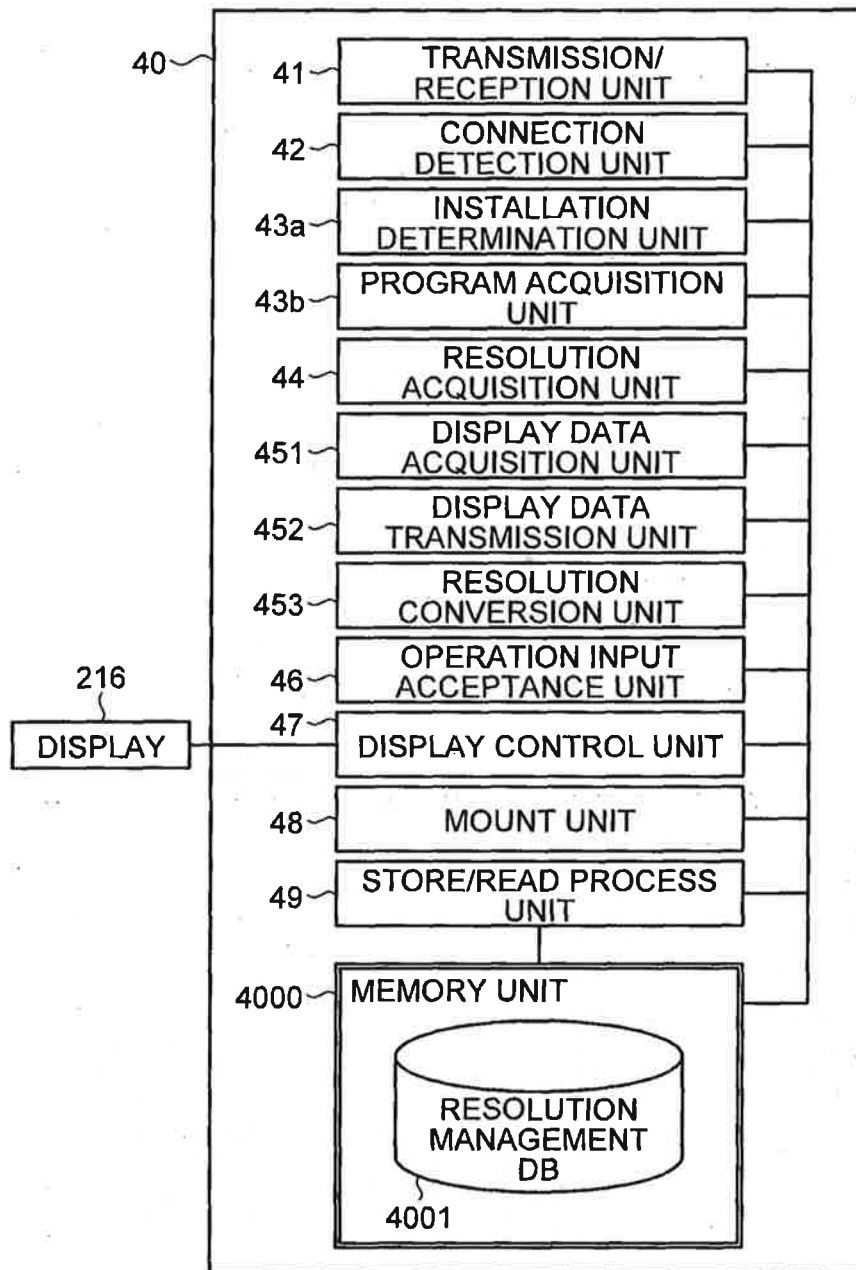


FIG.25

| RESOLUTION (WIDTH) | RESOLUTION (HEIGHT) |
|--------------------|---------------------|
| 1024               | 768                 |

**FIG. 26**

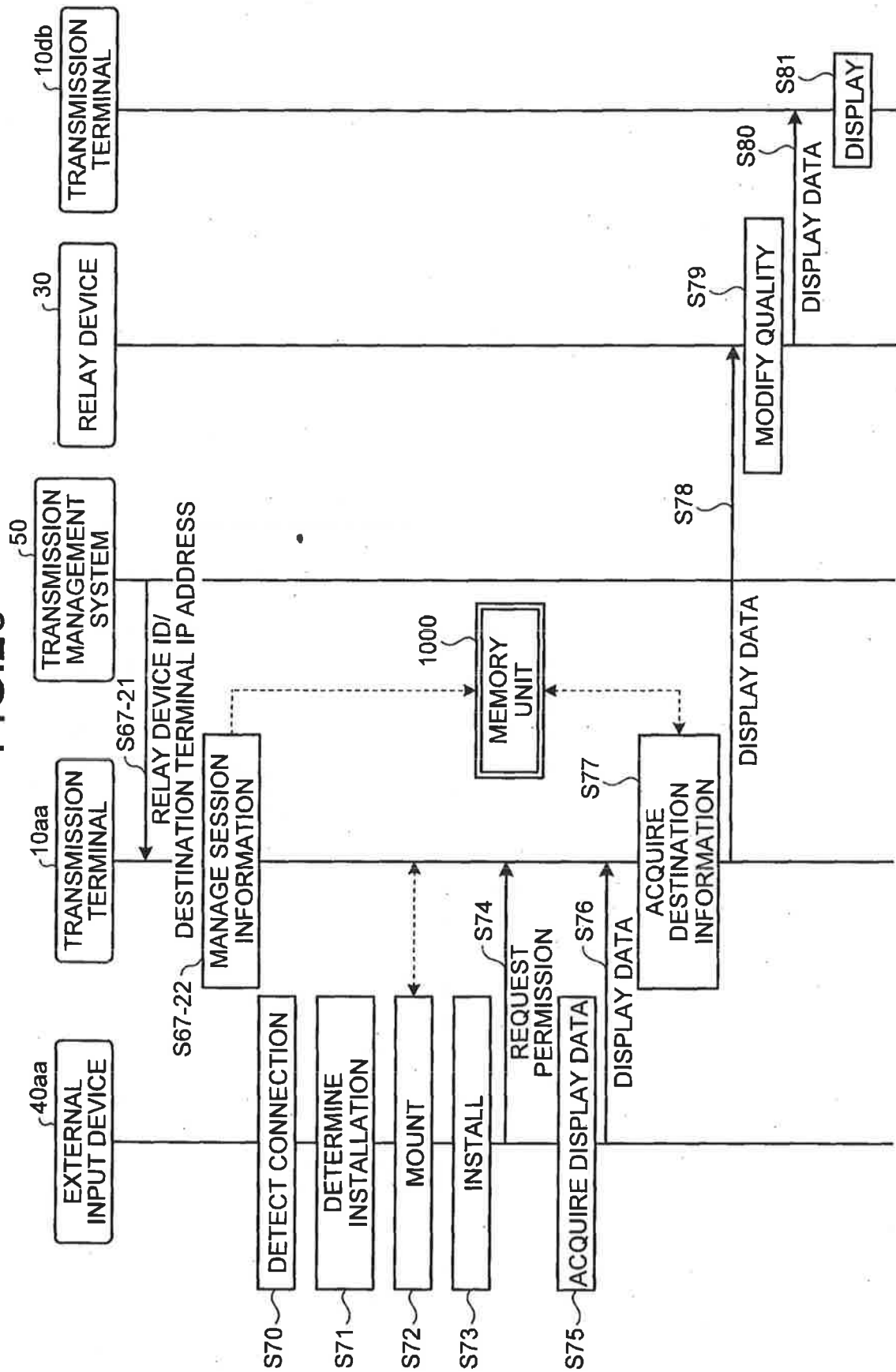


FIG.27

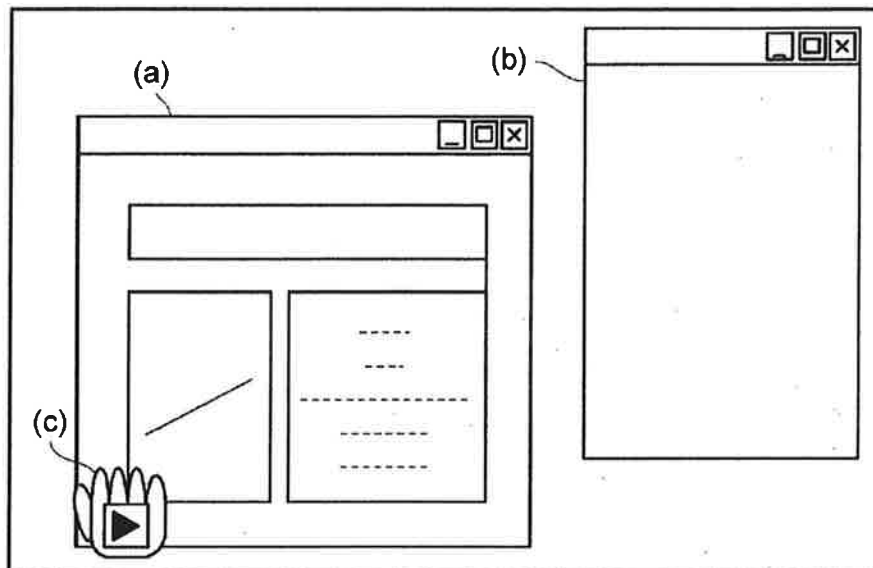
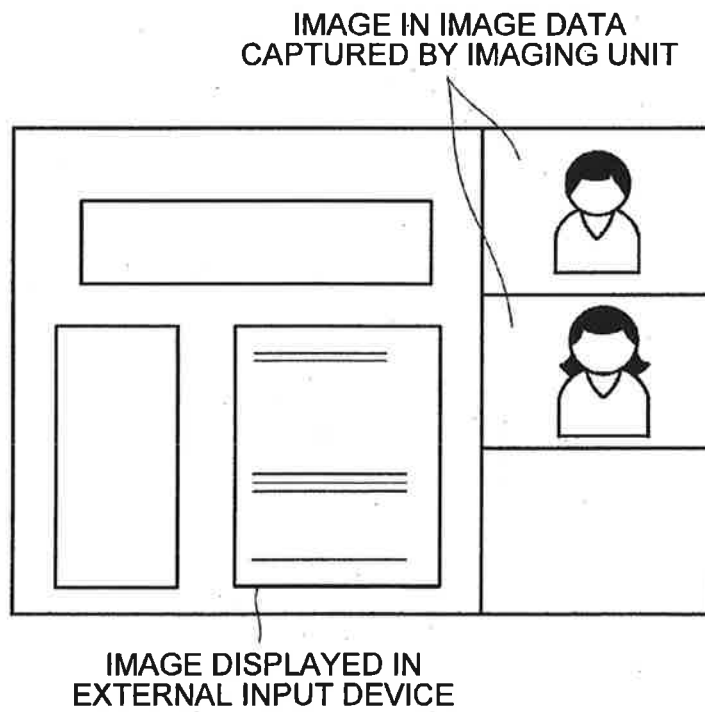


FIG.28



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FIG.29

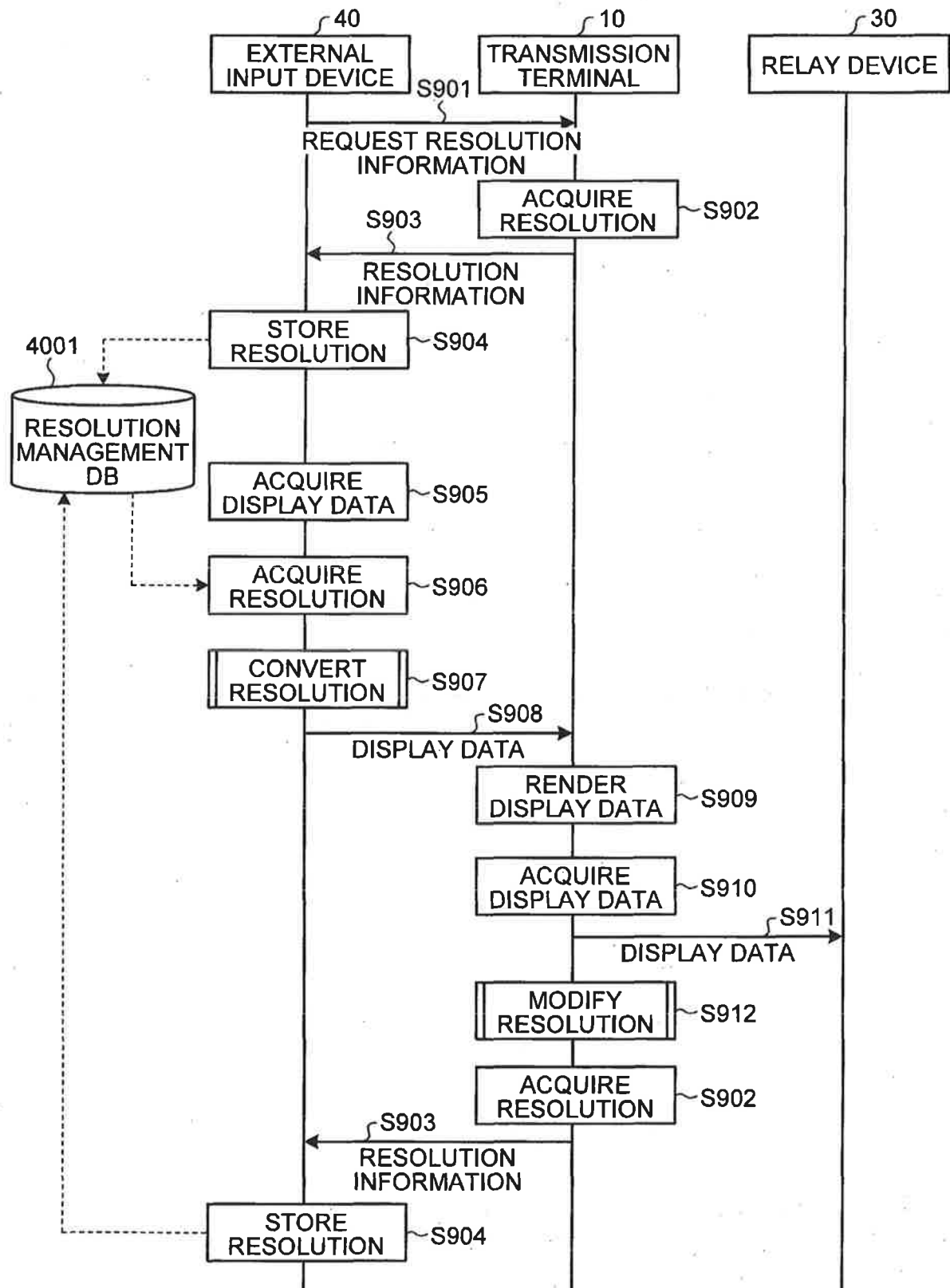


FIG.30

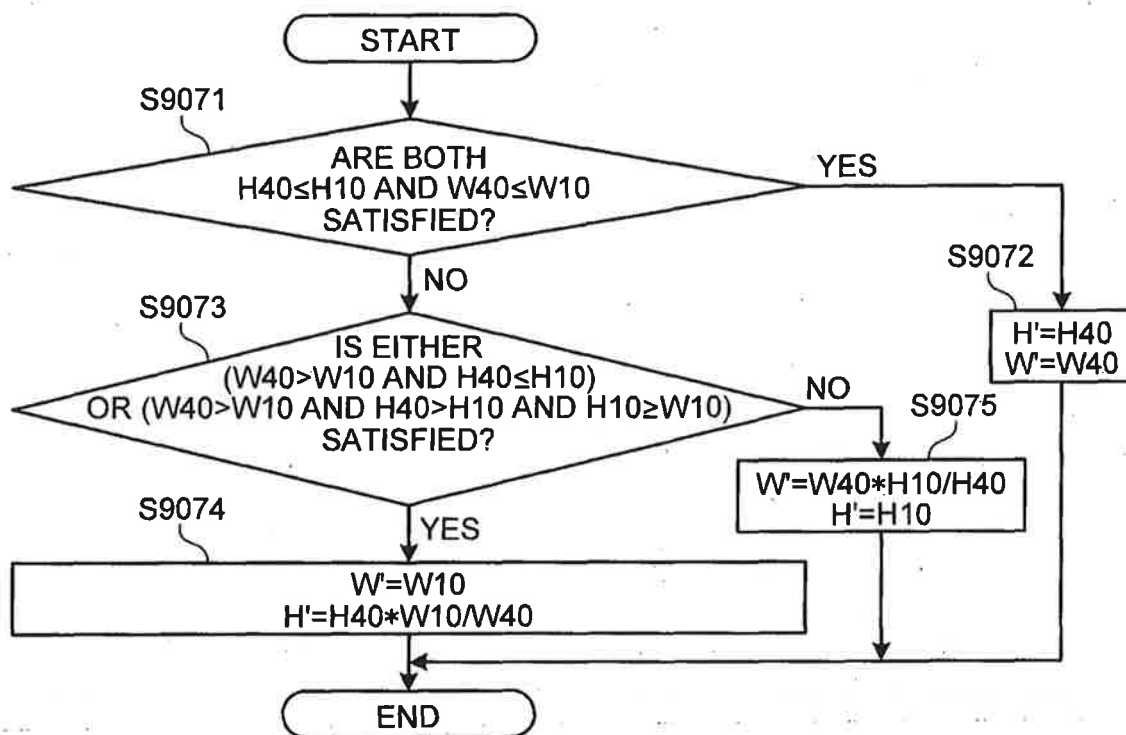


FIG.31A

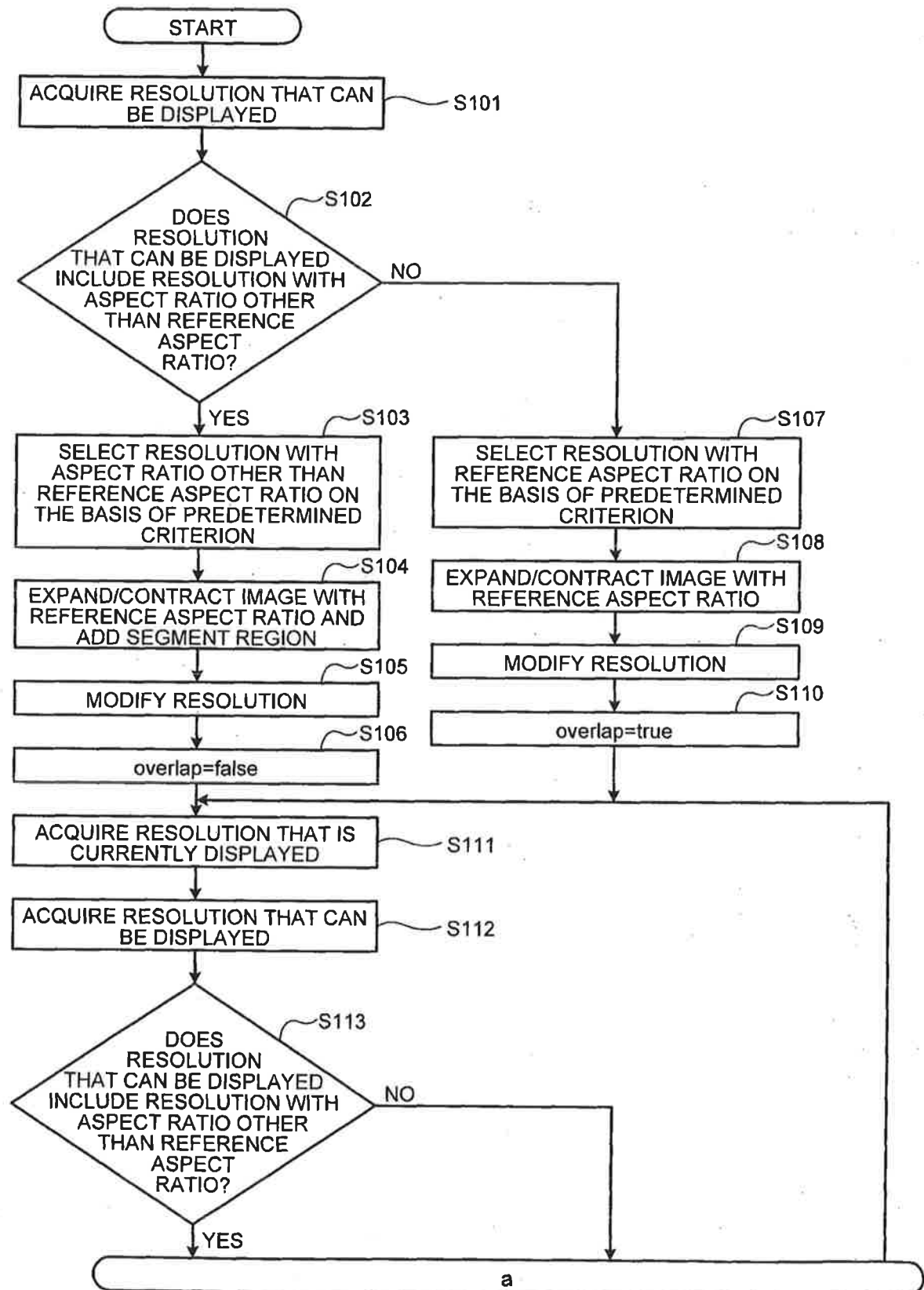


FIG.31B

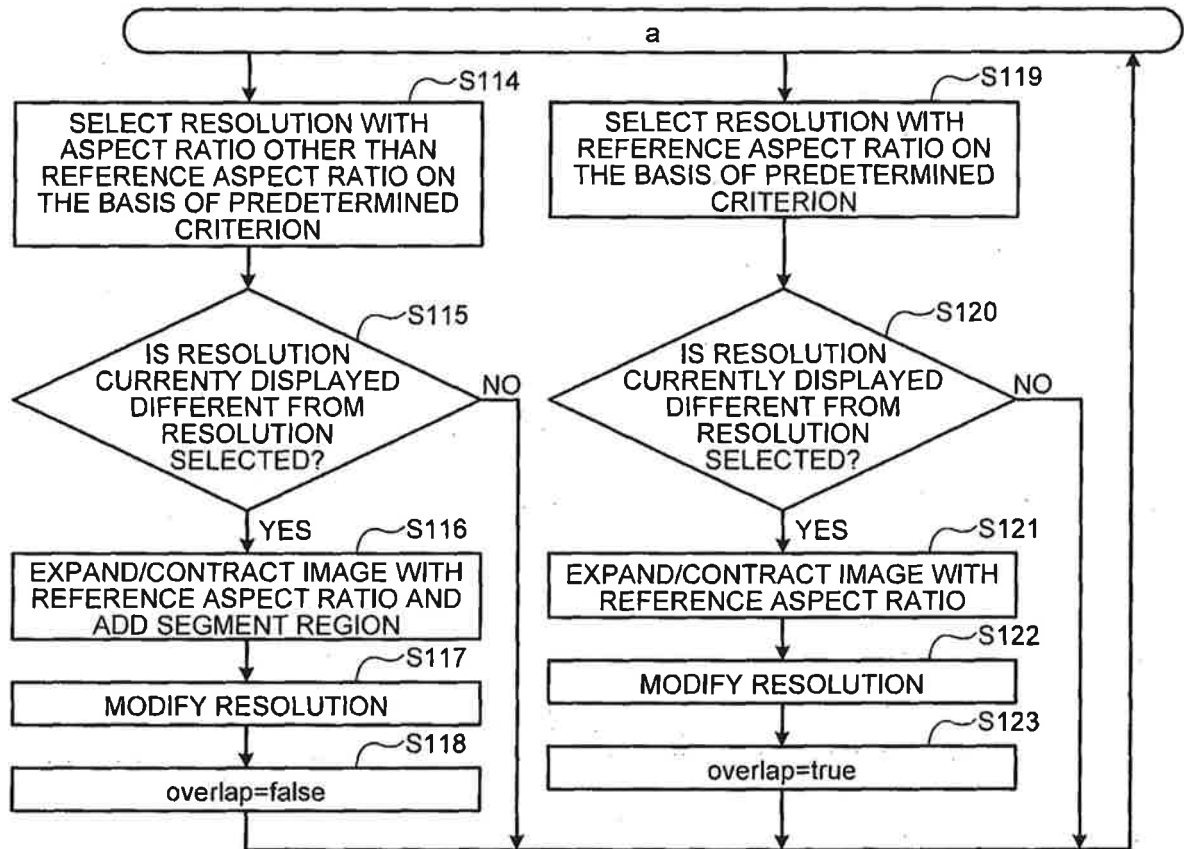


FIG.32

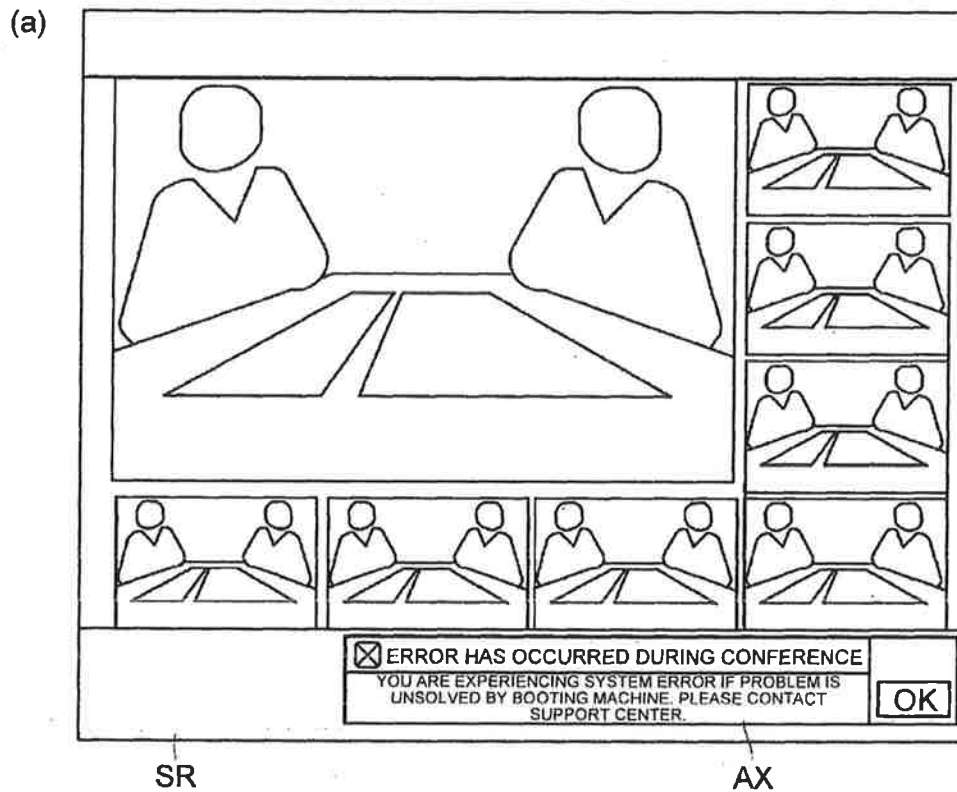
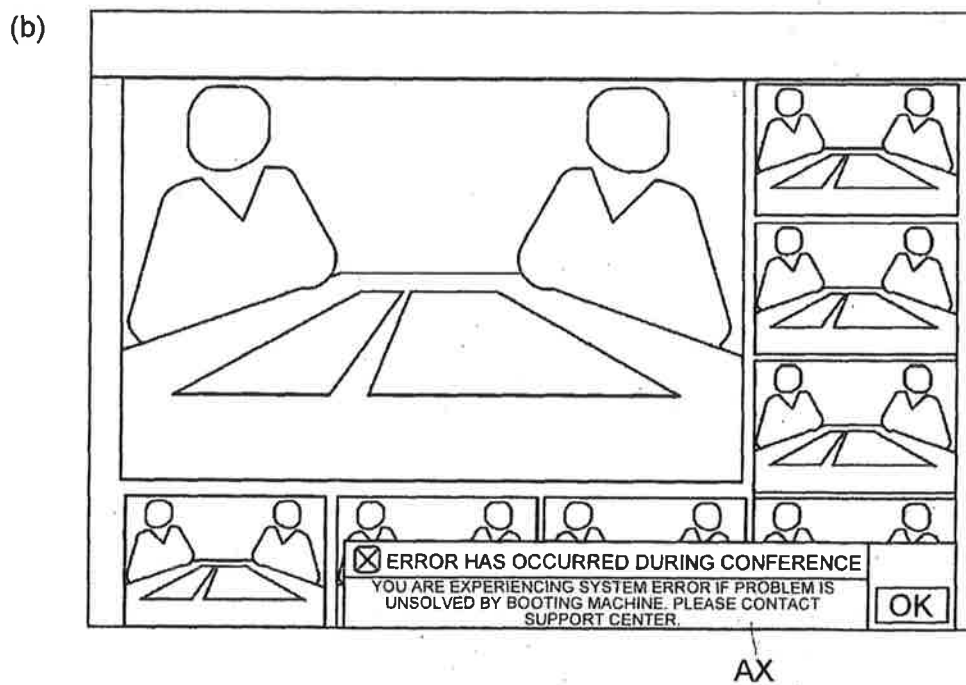


FIG.33

