

**FIG. 1**

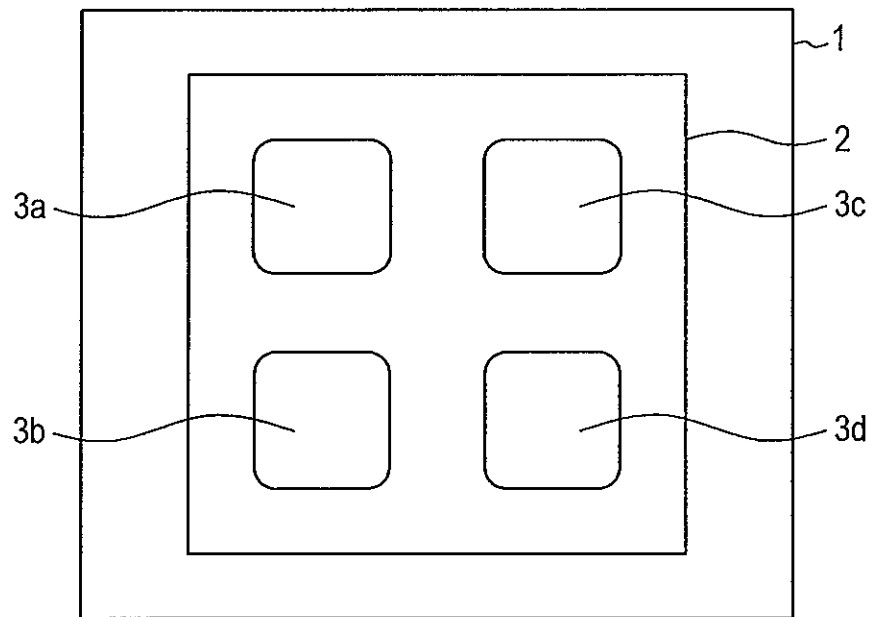
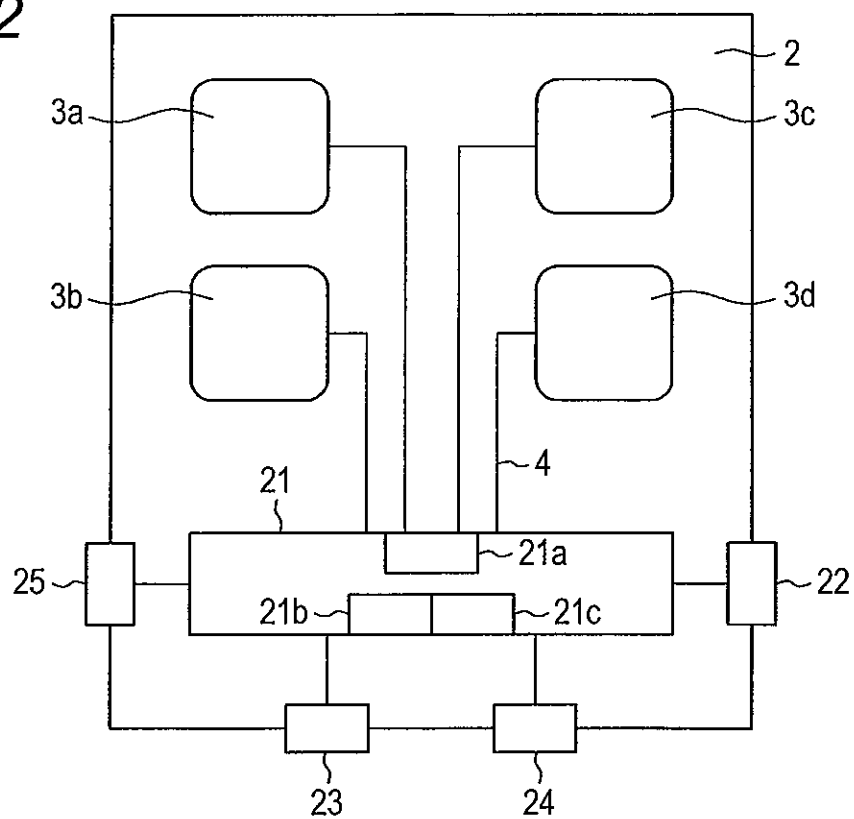
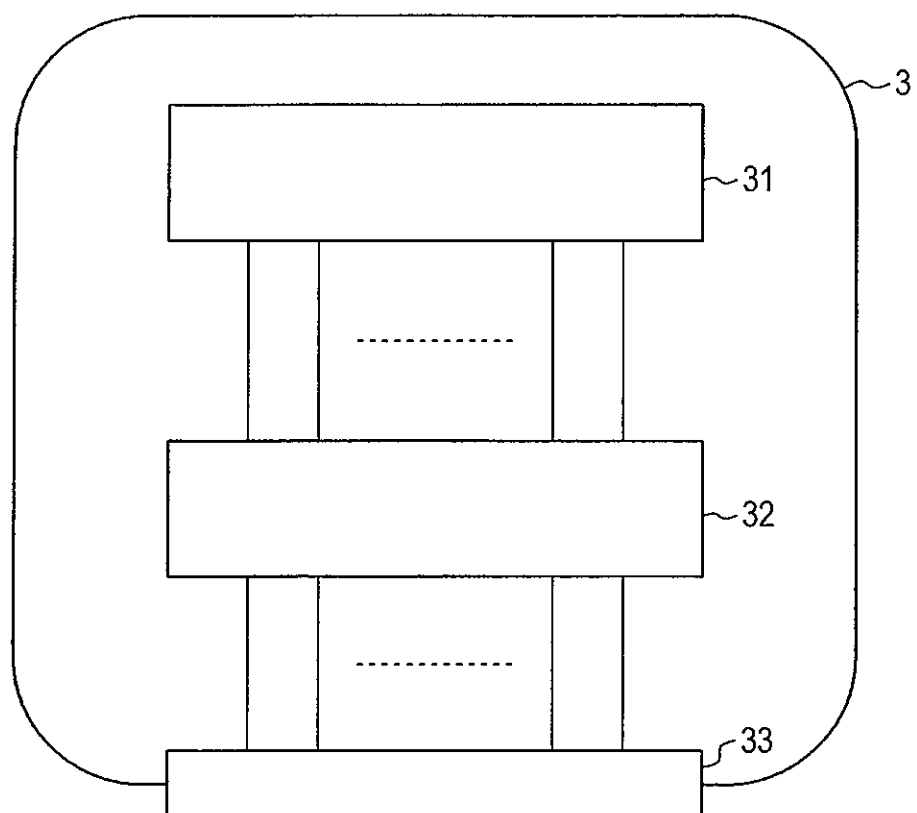
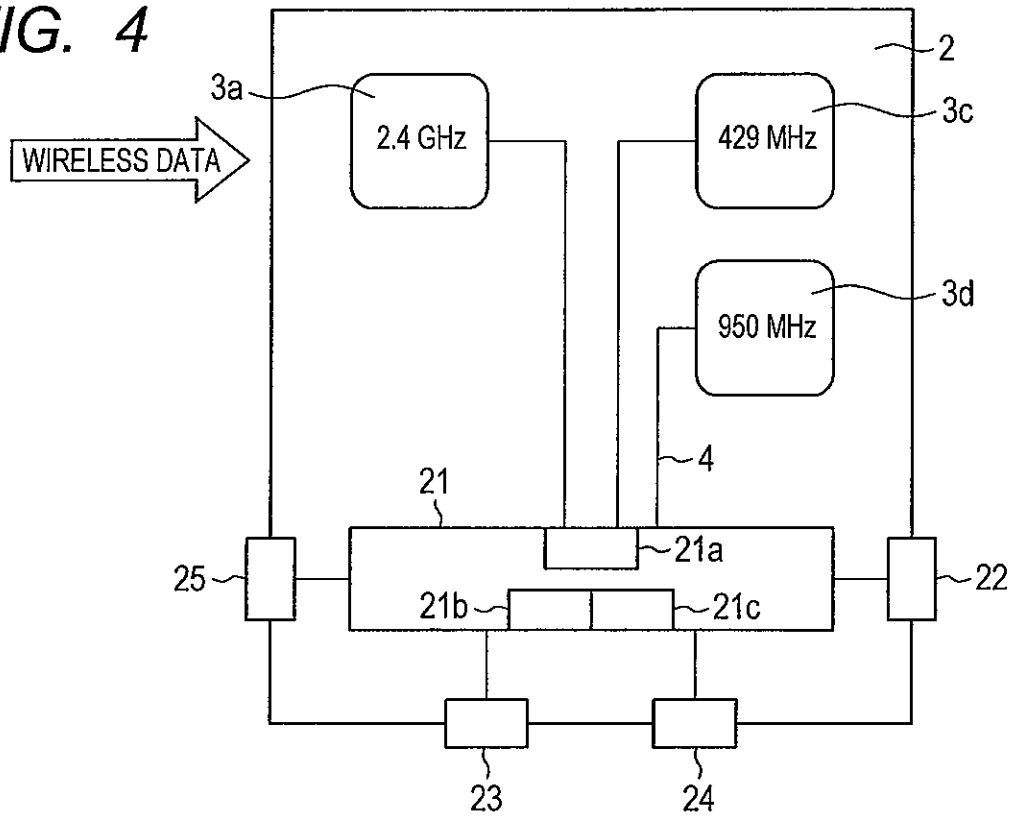
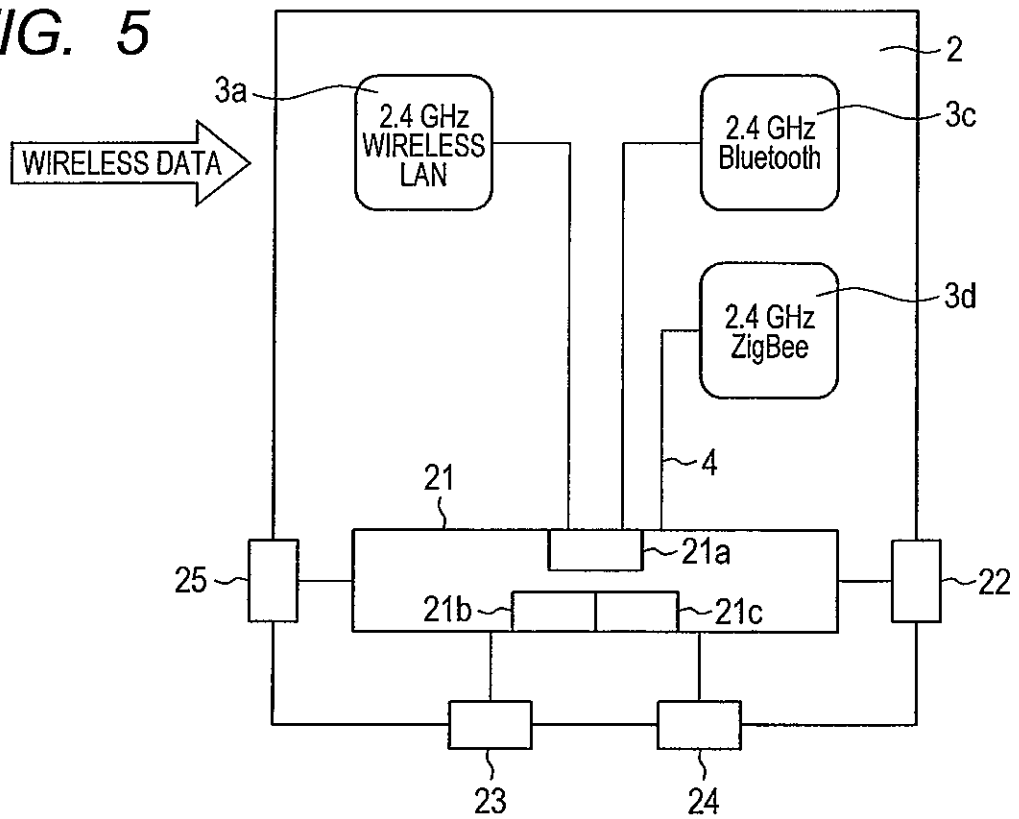


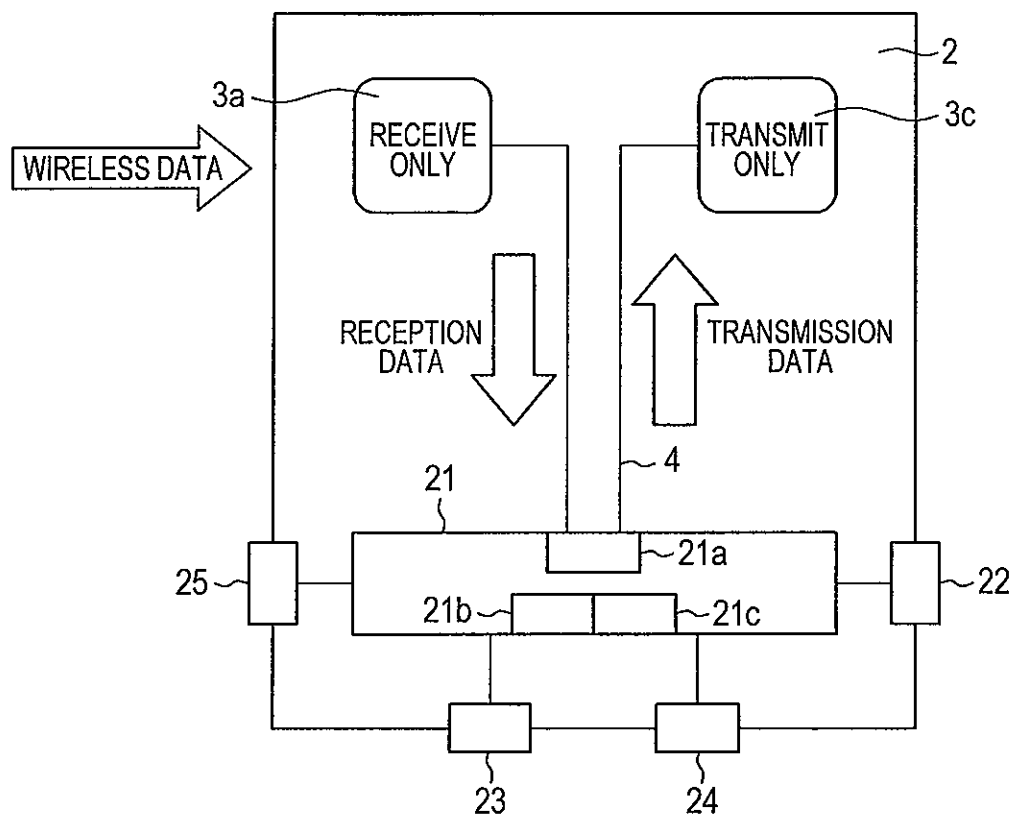
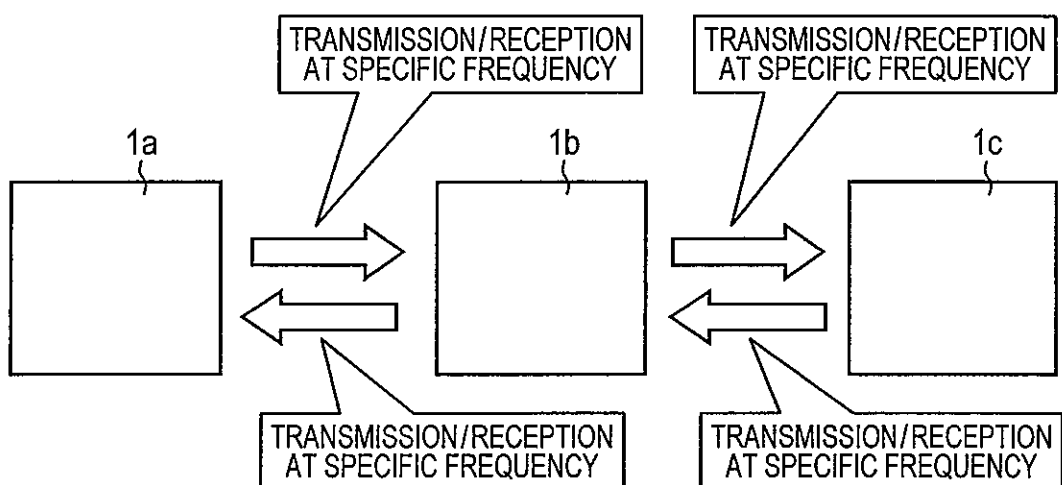
FIG. 2



**FIG. 3**



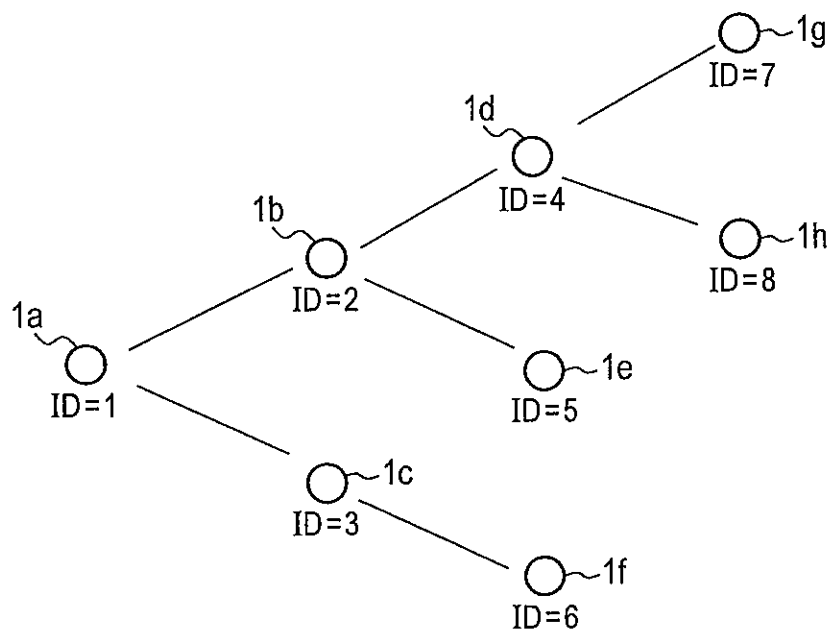
**FIG. 4****FIG. 5**

**FIG. 6****FIG. 7**

**FIG. 8**

SELECTION OF WIRELESS MODULE

| WIRELESS COMMUNICATION SPEED \ FREQUENCY | LOW                                                       | MEDIUM                                                                | HIGH                                                         |
|------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------|
| LOW                                      | LONG DISTANCE COMMUNICATION IN COMPLEX ENVIRONMENT        | SUBSTANTIALLY LONG DISTANCE COMMUNICATION IN COMPLEX ENVIRONMENT      | SHORT DISTANCE SMALL DATA COMMUNICATION                      |
| MEDIUM                                   | LONG DISTANCE COMMUNICATION AT SUBSTANTIALLY HIGH SPEED   | SUBSTANTIALLY LONG DISTANCE COMMUNICATION AT SUBSTANTIALLY HIGH SPEED | SHORT DISTANCE COMMUNICATION AT SUBSTANTIALLY HIGH SPEED     |
| HIGH                                     | HIGH SPEED LONG DISTANCE COMMUNICATION AS FAR AS POSSIBLE | SUBSTANTIALLY LONG DISTANCE COMMUNICATION AT HIGH SPEED               | HIGH SPEED SHORT DISTANCE COMMUNICATION AS CLOSE AS POSSIBLE |

**FIG. 9**

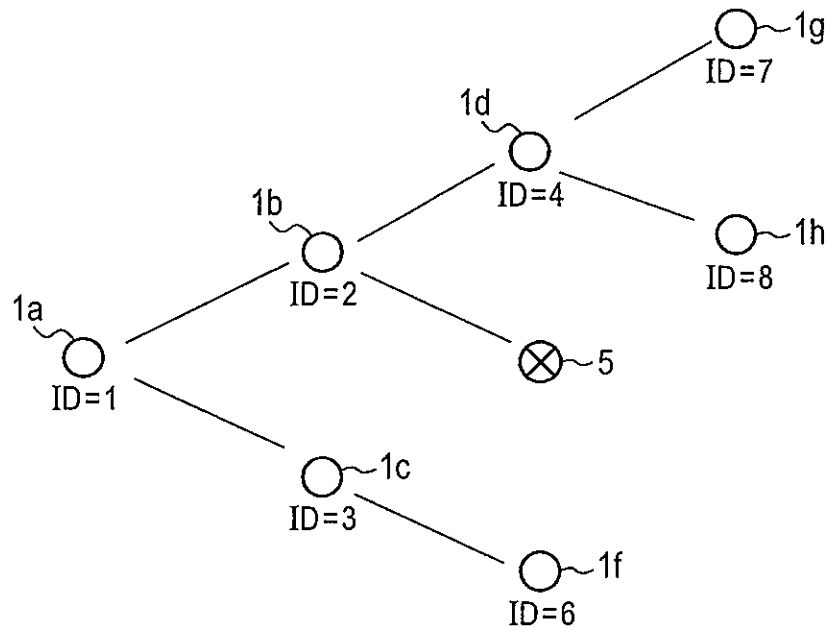
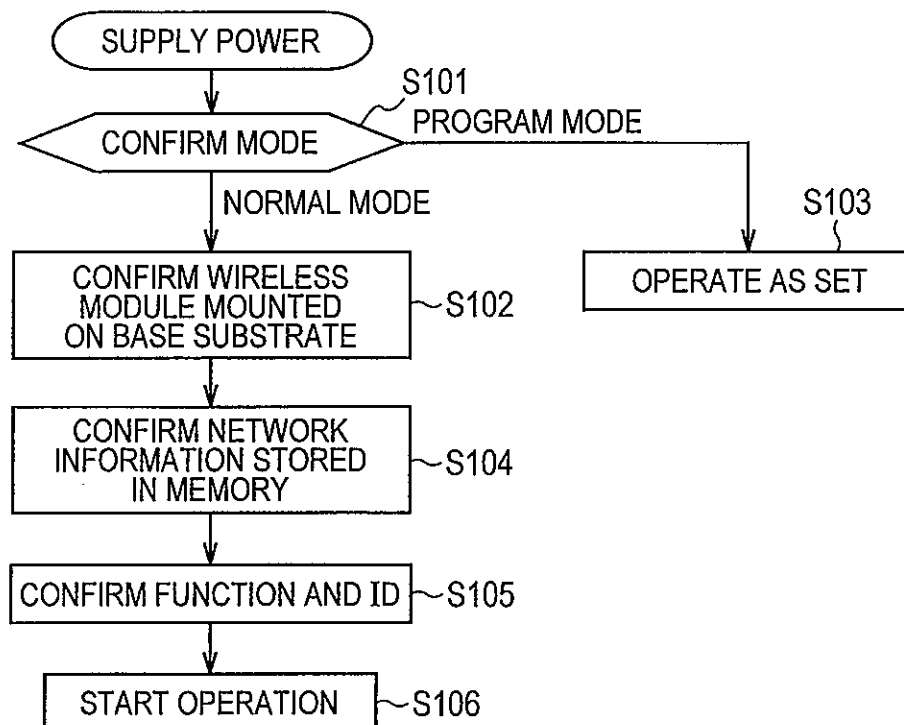
**FIG. 10****FIG. 11**

FIG. 12

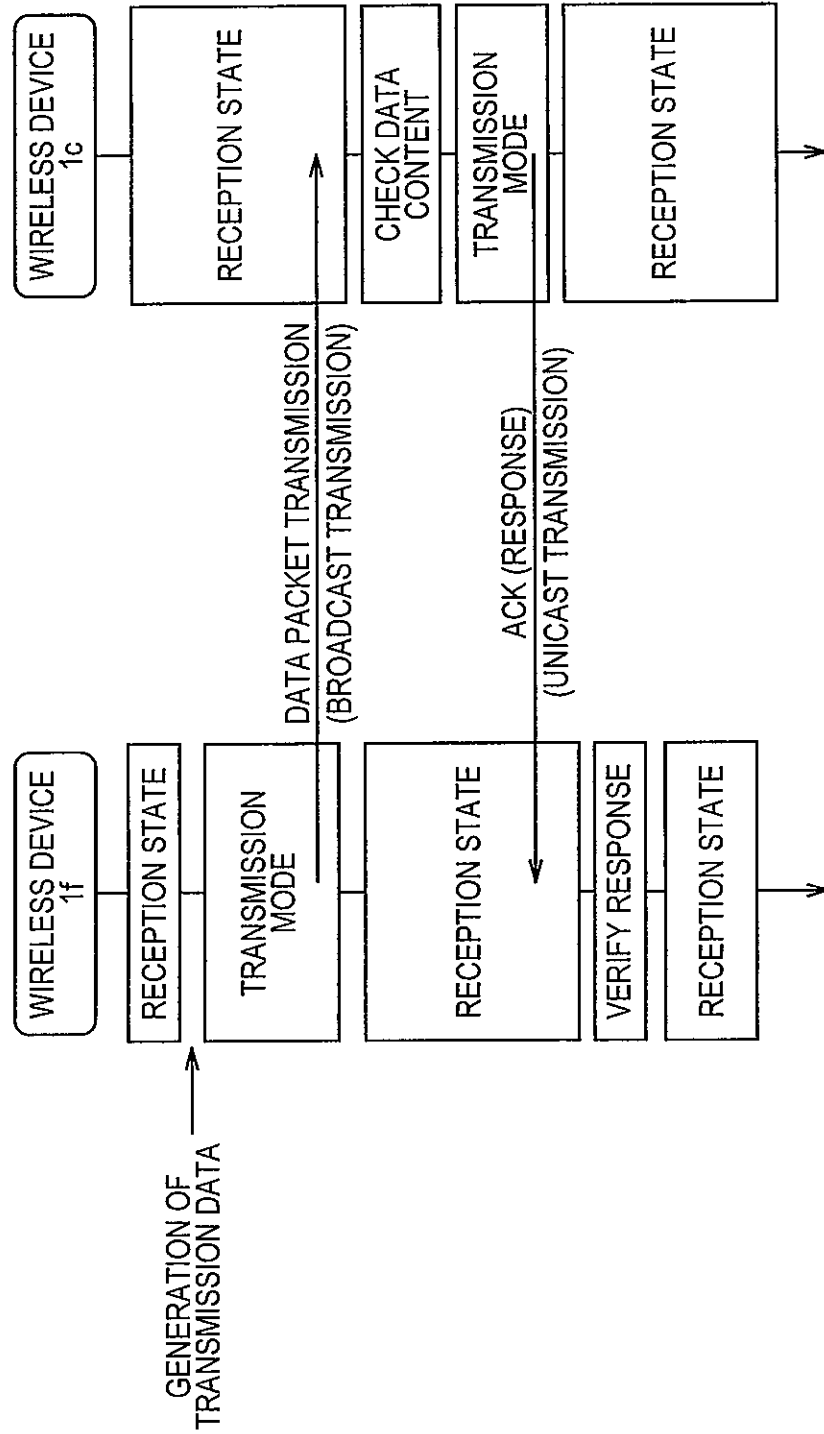


FIG. 13

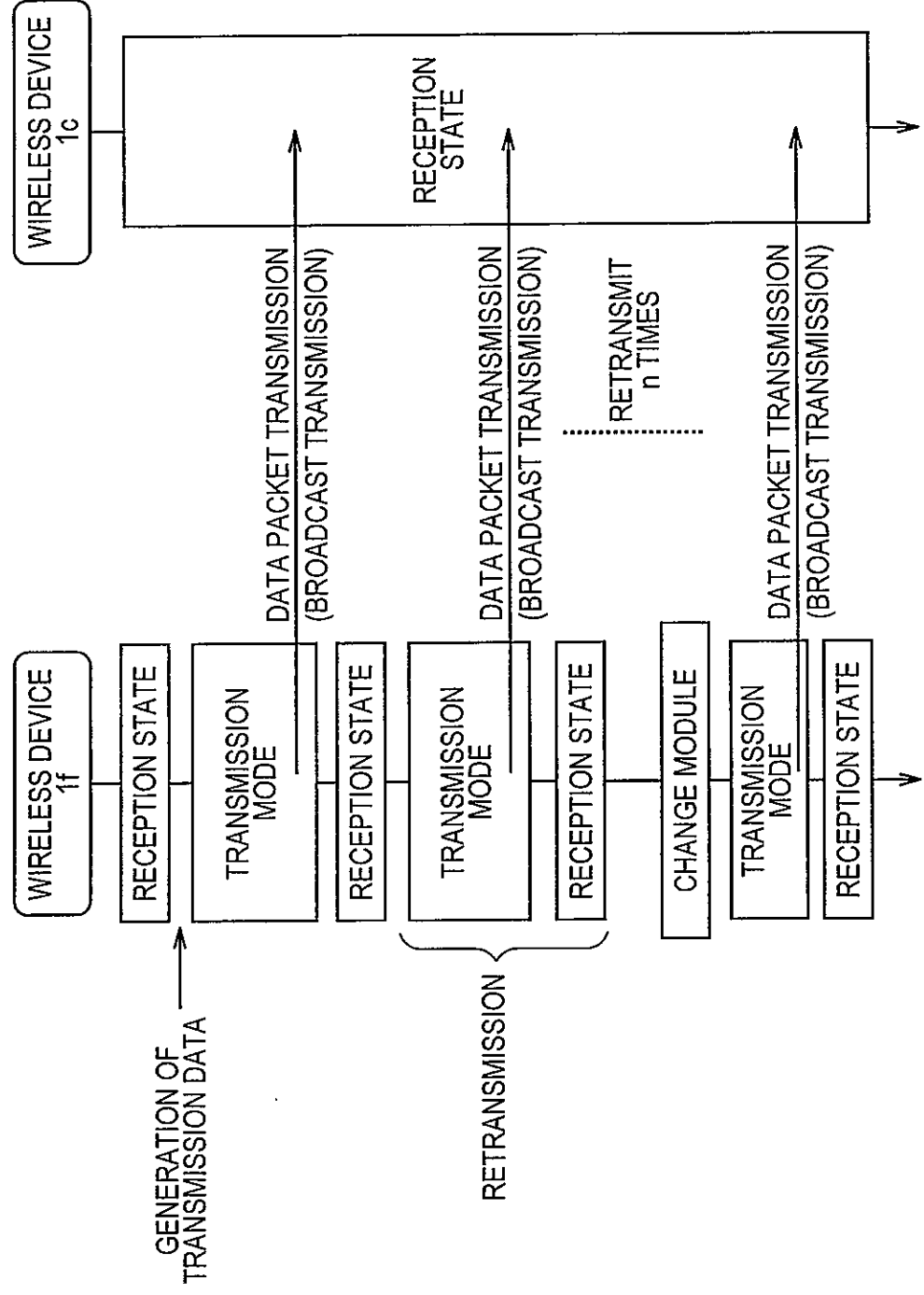
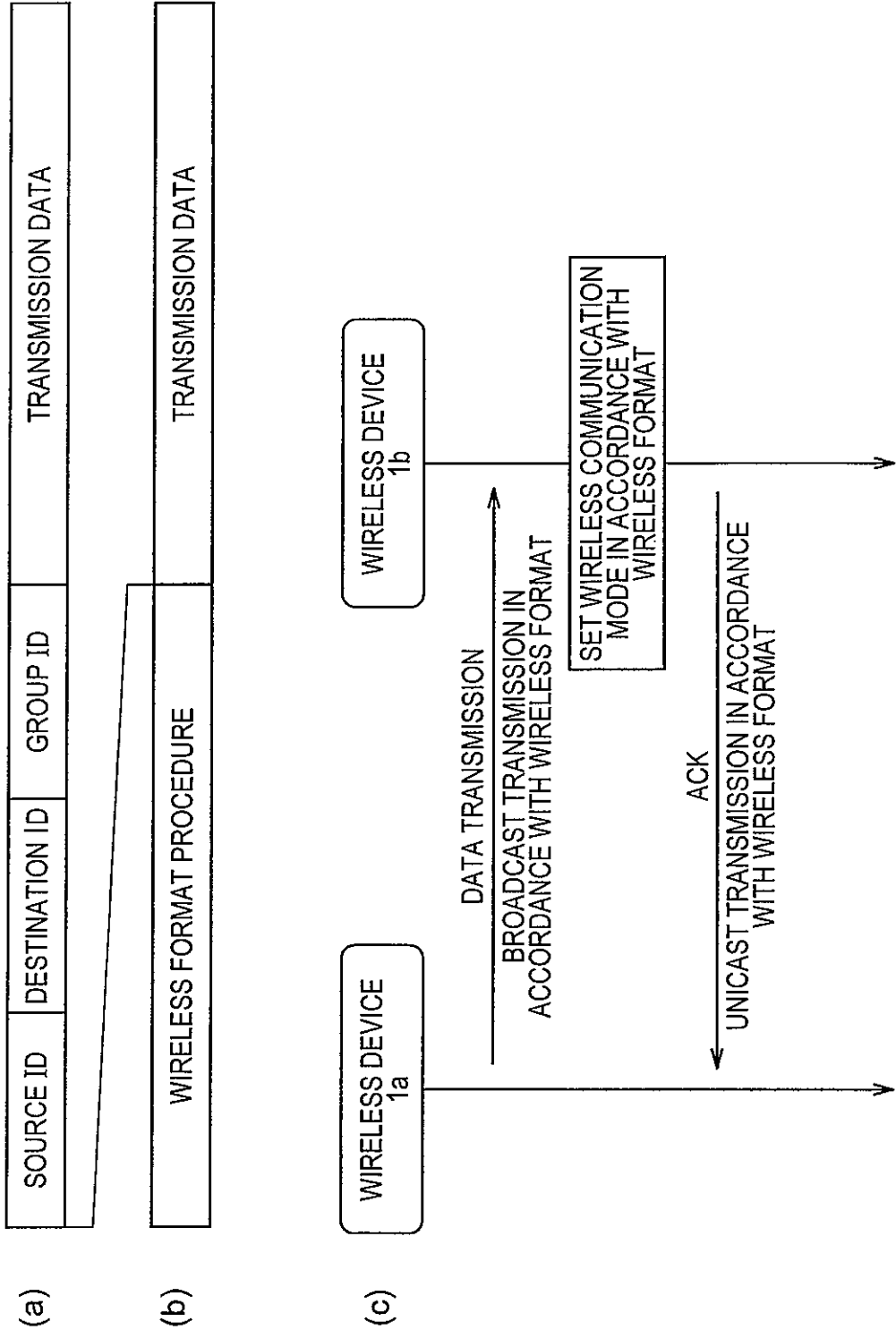


FIG. 14

|           |                |          |                   |
|-----------|----------------|----------|-------------------|
| SOURCE ID | DESTINATION ID | GROUP ID | TRANSMISSION DATA |
|-----------|----------------|----------|-------------------|

|                   |                                   |
|-------------------|-----------------------------------|
| TYPE              | DESCRIPTION                       |
| SOURCE ID         | SOURCE ID OF WIRELESS DEVICE      |
| DESTINATION ID    | DESTINATION ID OF WIRELESS DEVICE |
| GROUP ID          | GROUP ID OF WIRELESS DEVICE GROUP |
| TRANSMISSION DATA | PACKET DATA FOR TRANSMISSION      |

FIG. 15



*FIG. 16*

## FEATURES OF WIRELESS COMMUNICATION AT FREQUENCIES

| WIRELESS FREQUENCY     | LOW  | MEDIUM | HIGH  |
|------------------------|------|--------|-------|
| COMMUNICATION DISTANCE | LONG | MEDIUM | SHORT |
| COMMUNICATION SPEED    | LOW  | MEDIUM | HIGH  |

