

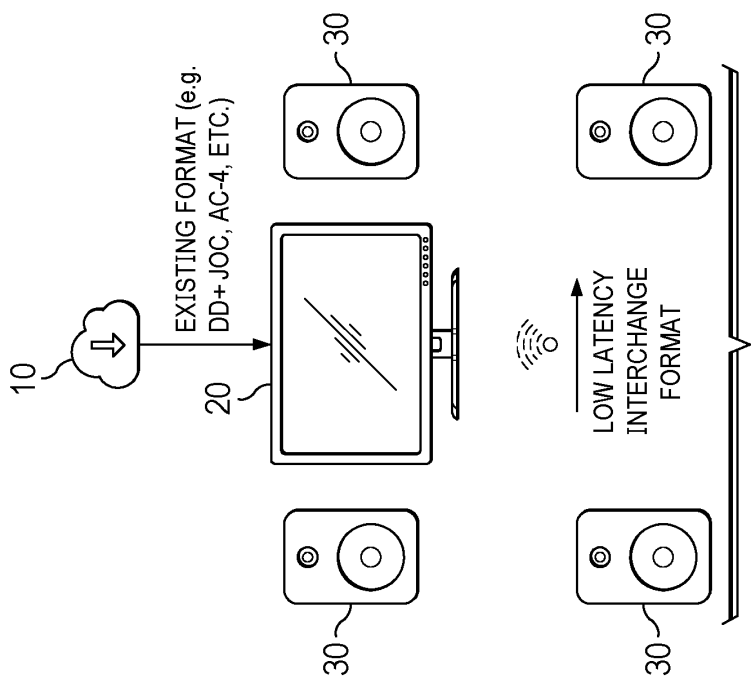


FIG. 1

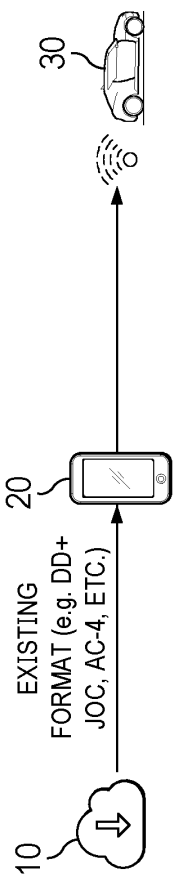


FIG. 2

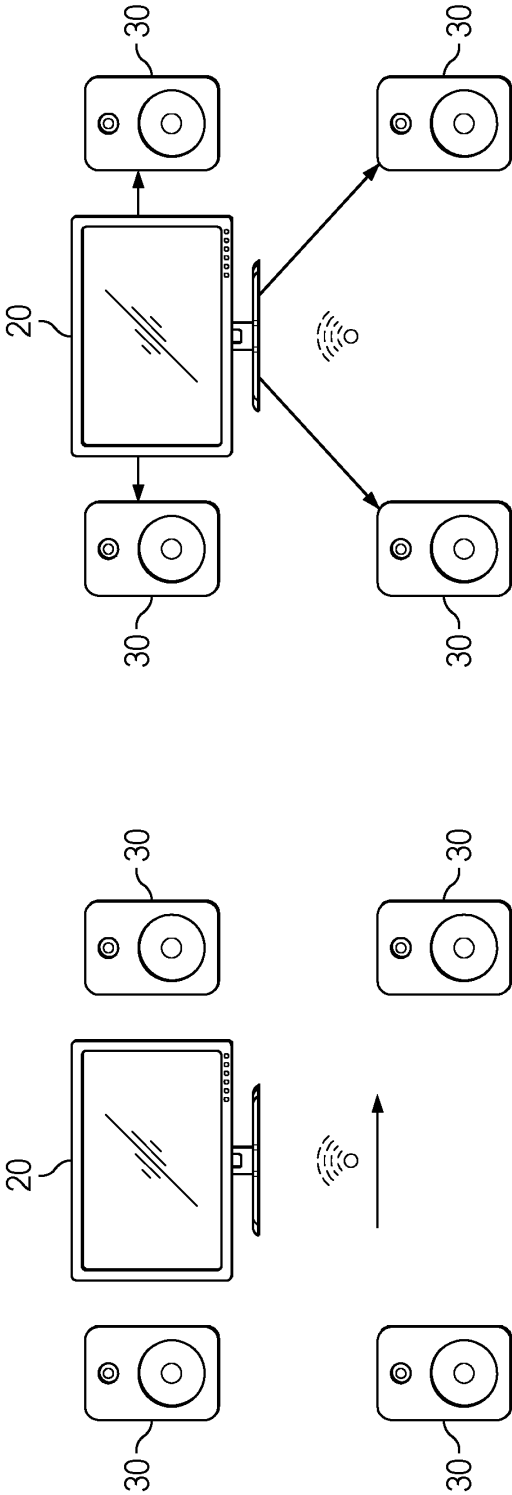


FIG. 3

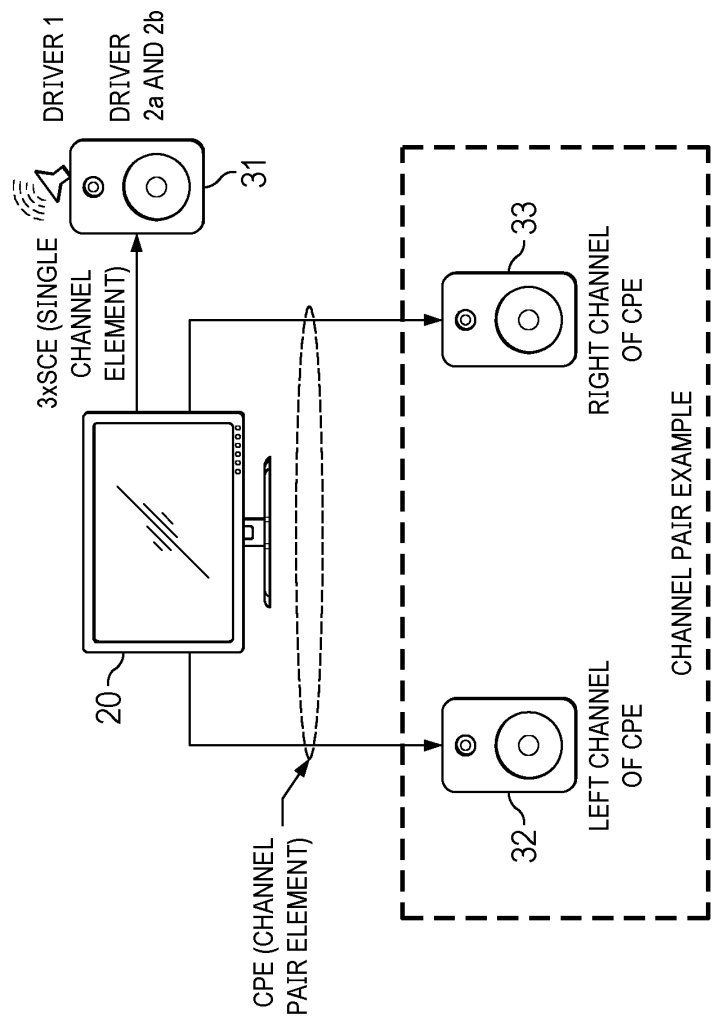


FIG. 4

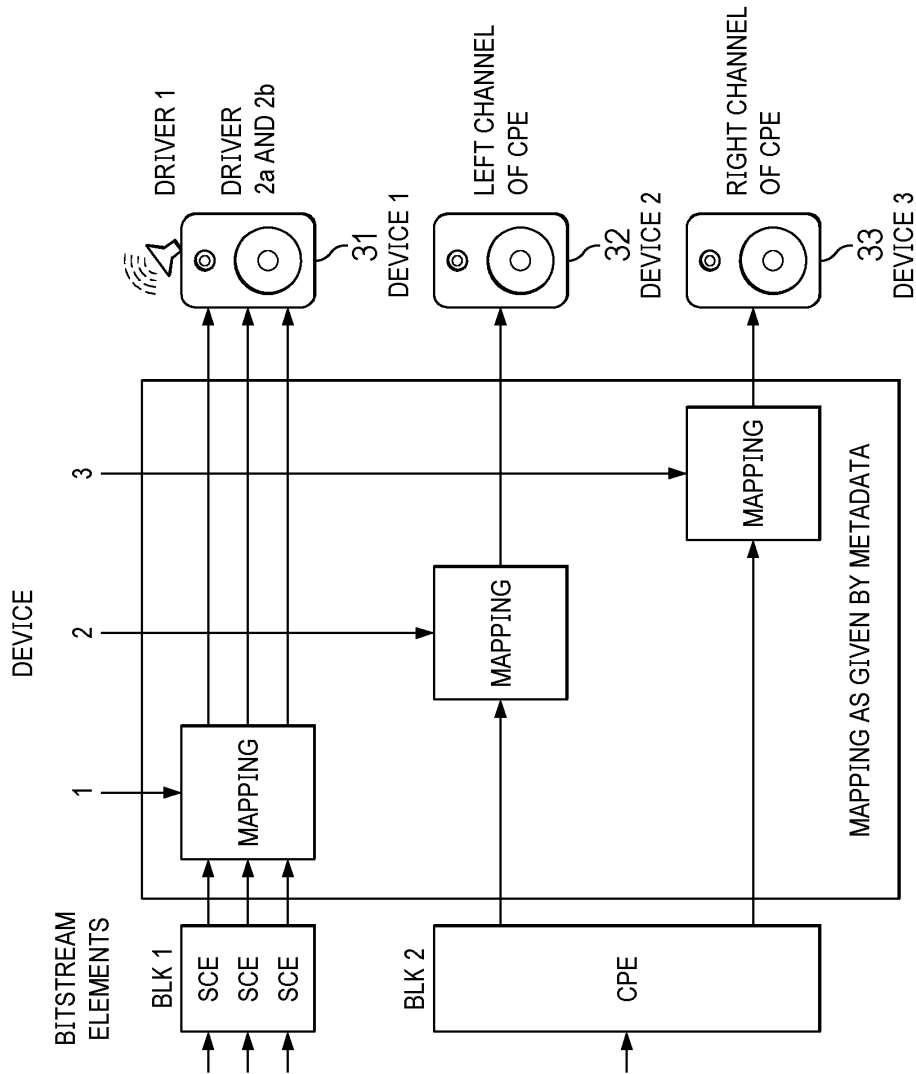


FIG. 5

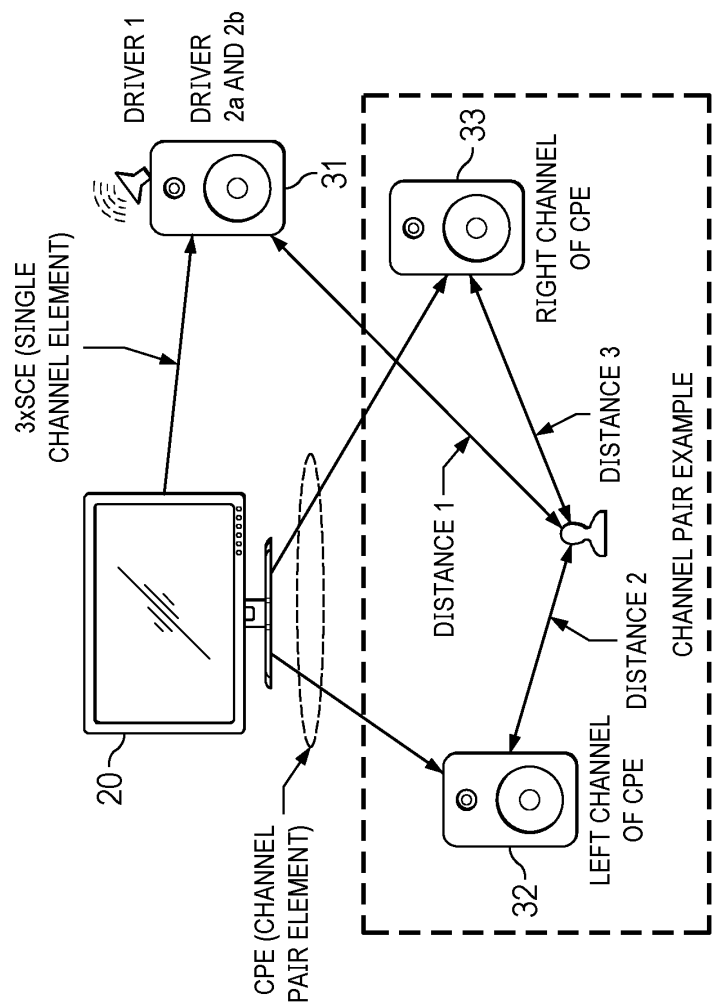


FIG. 6

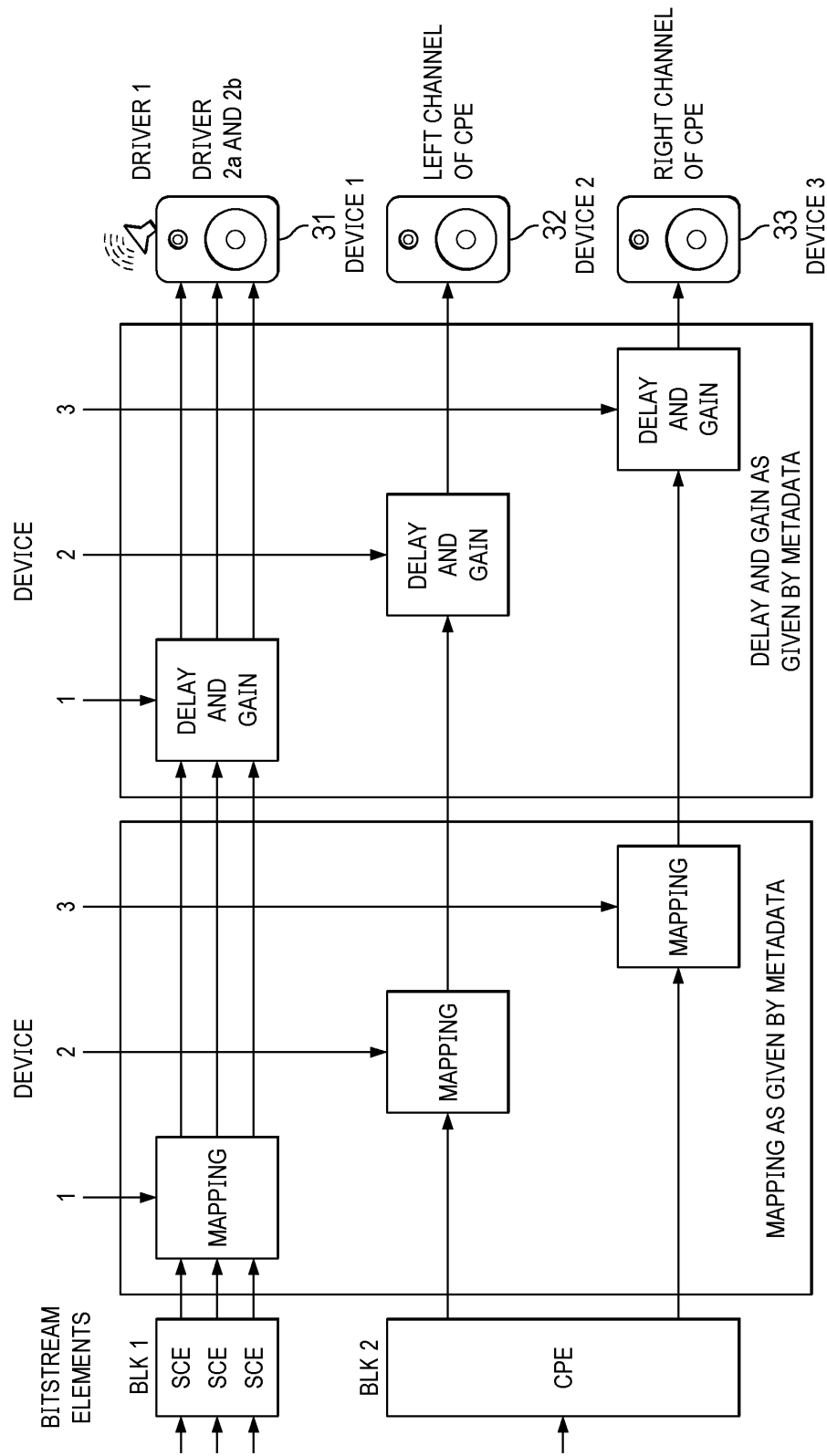


FIG. 7

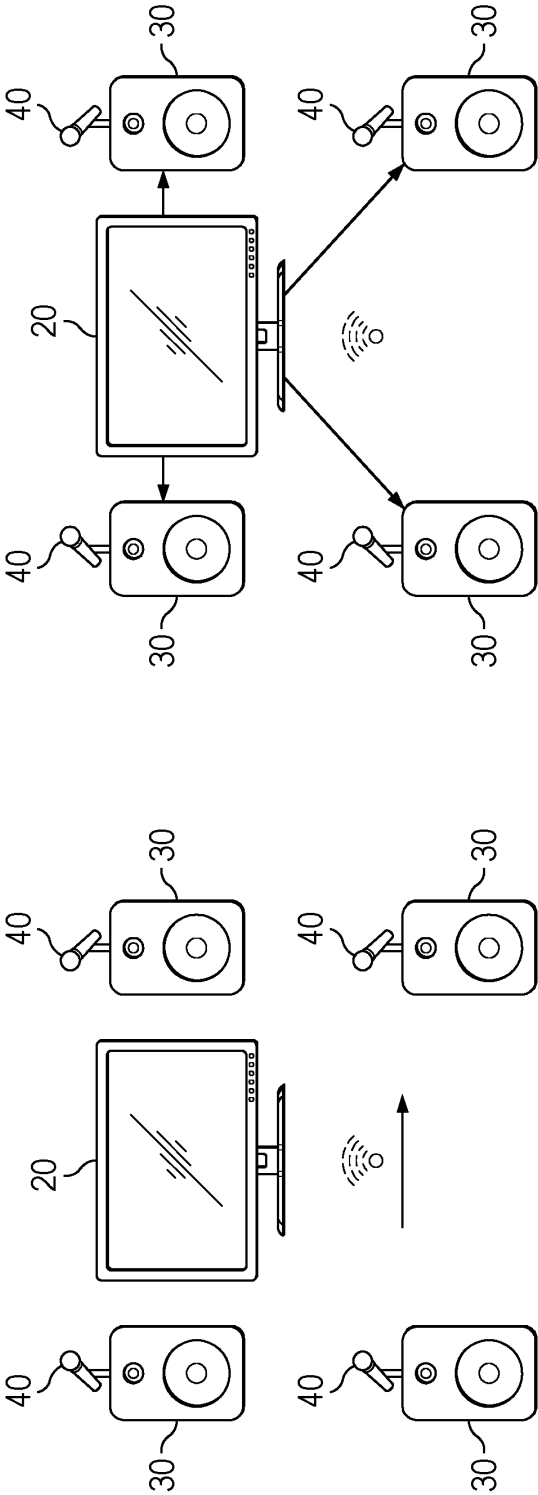


FIG. 8

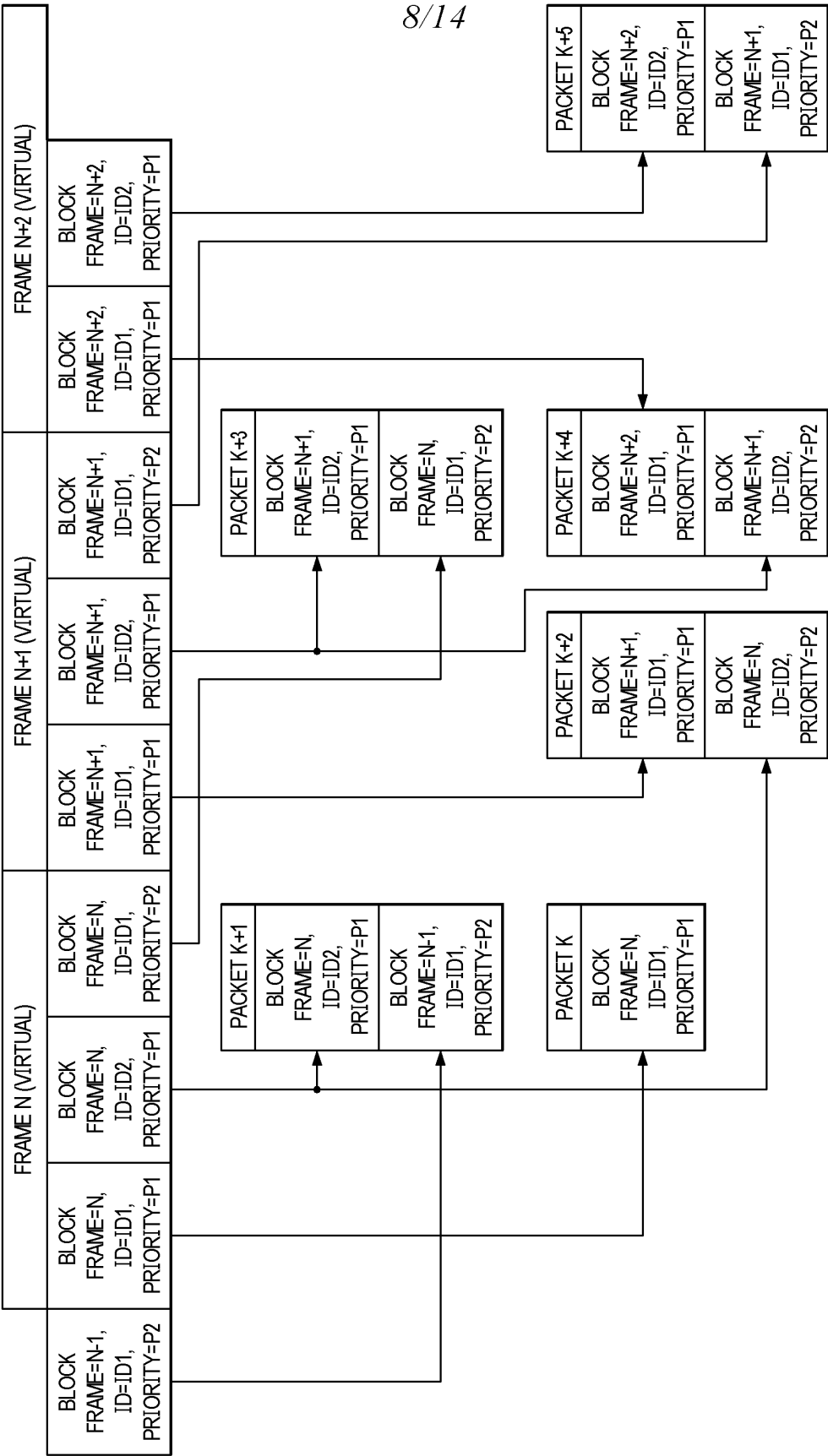


FIG. 9

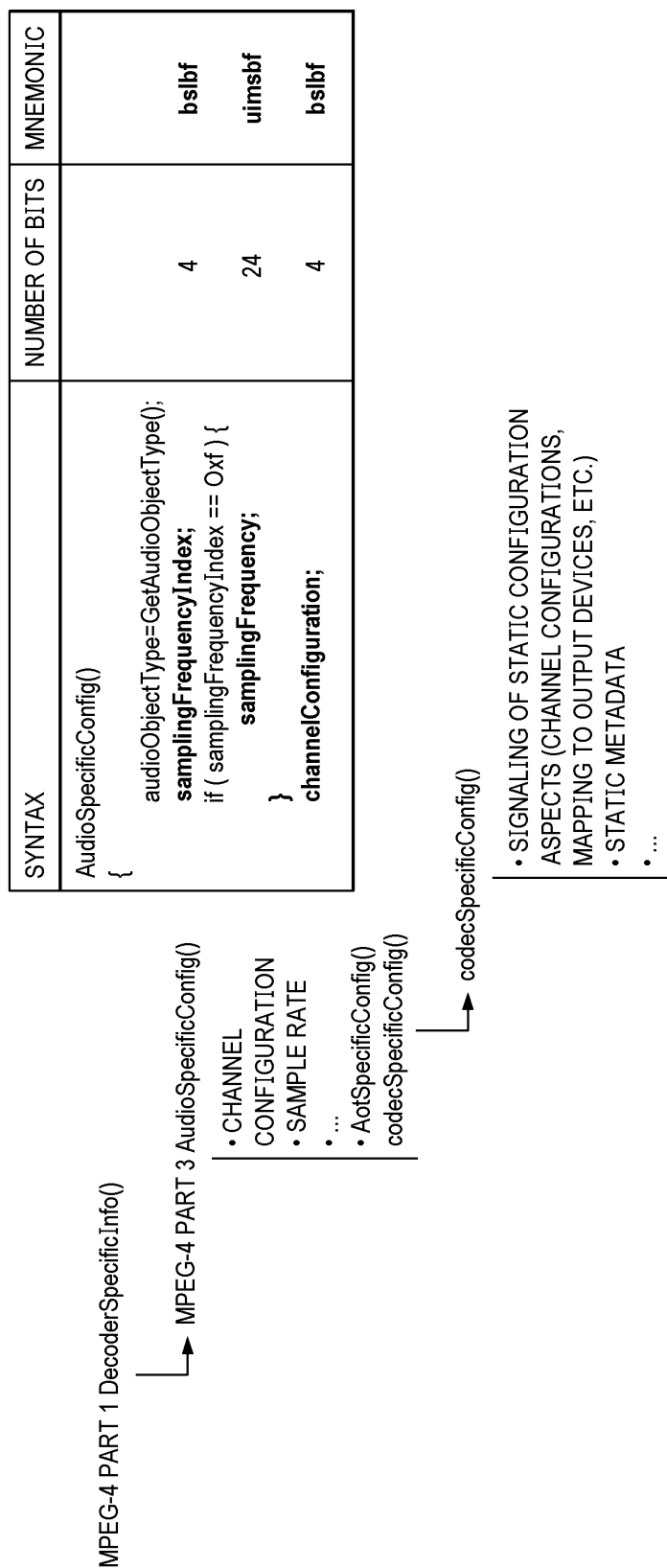


FIG. 10

| SYNTAX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | NUMBER OF BITS | MNEMONIC |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------|
| <pre>raw_data_block() {     while( (id= id_syn_ele) != ID_END ){         switch (id) {             case ID_SCE: single_channel_element();                         break;             case ID_CPE: channel_pair_element();                         break;             case ID_CCE: coupling_channel_element();                         break;             case ID_LFE: life_channel_element();                         break;             case ID_DSE: data_stream_element();                         break;             case ID_PCE: program_config_element();                         break;             case ID_FIL: fill_element();         }     } }</pre> | 3              | uimsbf   |

FIG. 11

raw\_data\_block\_codec(configData)

- SIMILAR TO EXISTING RAW DATA BLOCKS IN MPEG-4
- WITH ADDITIONAL INFORMATION TO ENABLE SKIPPING OVER PART OF THE DATA BLOCK NOT NEEDED FOR A GIVEN DEVICE
- DYNAMIC METADATA

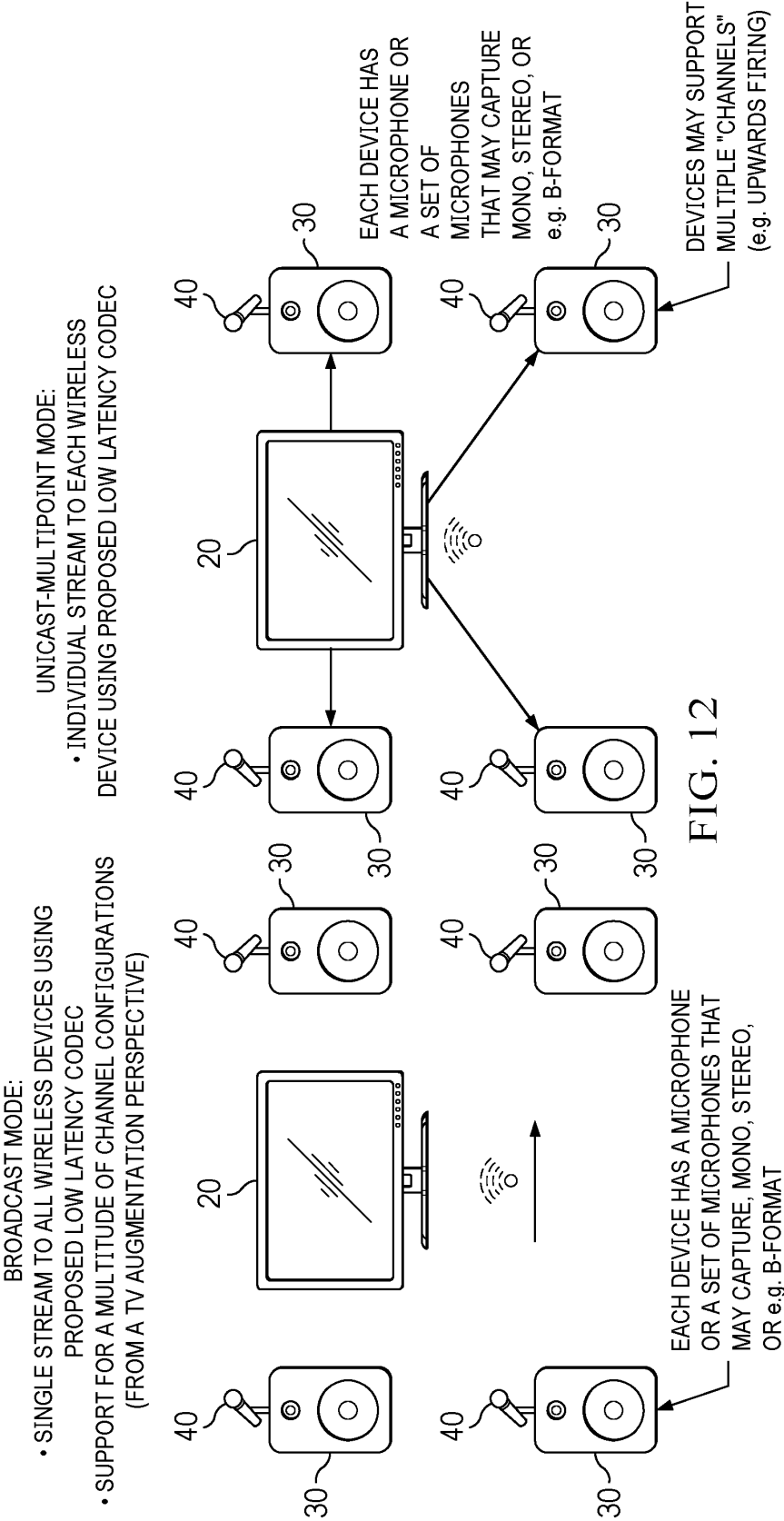


FIG. 12

| FRAME N-2 | FRAME N-1 | FRAME N           |
|-----------|-----------|-------------------|
|           |           |                   |
|           |           | ID=0,<br>F=N, P=0 |
|           |           | BLOCK<br>STREAM 0 |
|           |           |                   |
|           |           |                   |
|           |           | ID=1,<br>F=N, P=0 |
|           |           | BLOCK<br>STREAM 1 |
|           |           |                   |
|           |           |                   |
|           |           | ID=2,<br>F=N, P=0 |
|           |           | BLOCK<br>STREAM 2 |
|           |           |                   |

FIG. 13

| FRAME N                 |                         |                         |
|-------------------------|-------------------------|-------------------------|
| BLOCK ID=0,<br>F=N, P=0 | BLOCK ID=1,<br>F=N, P=0 | BLOCK ID=2,<br>F=N, P=0 |
| 0110010101              | 1001110101001001        | 00101010011011010010101 |
| 0110010101              |                         | 0100111010              |

FIG. 14

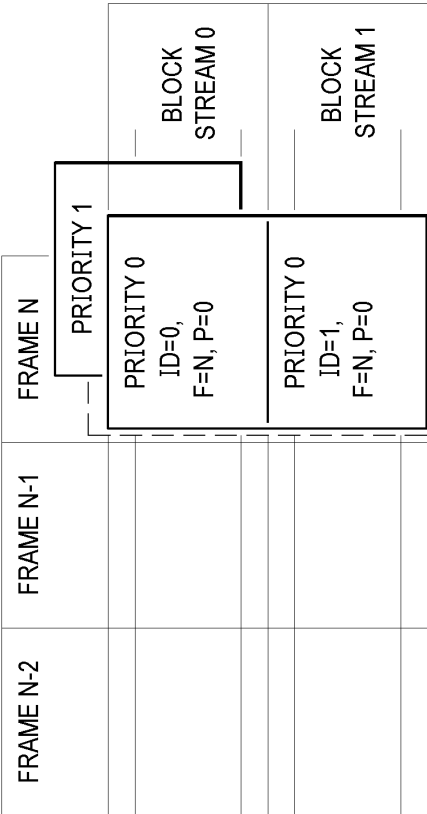


FIG. 15

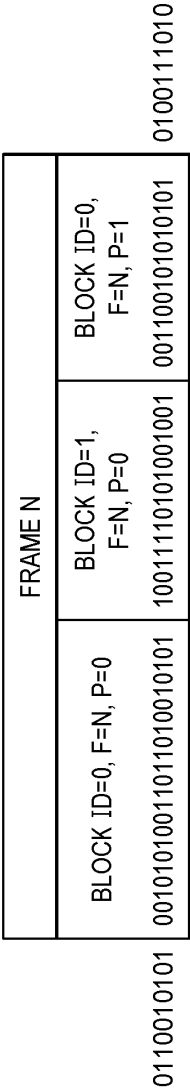


FIG. 16

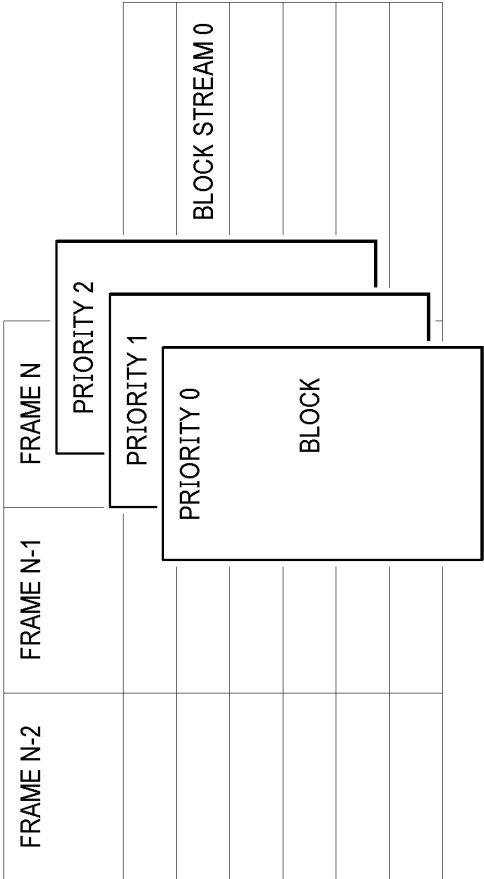


FIG. 17

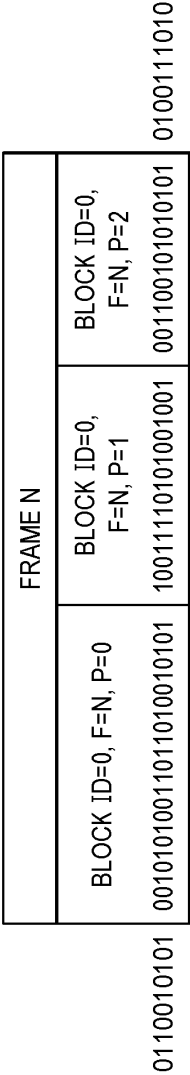


FIG. 18