

FIG. 1

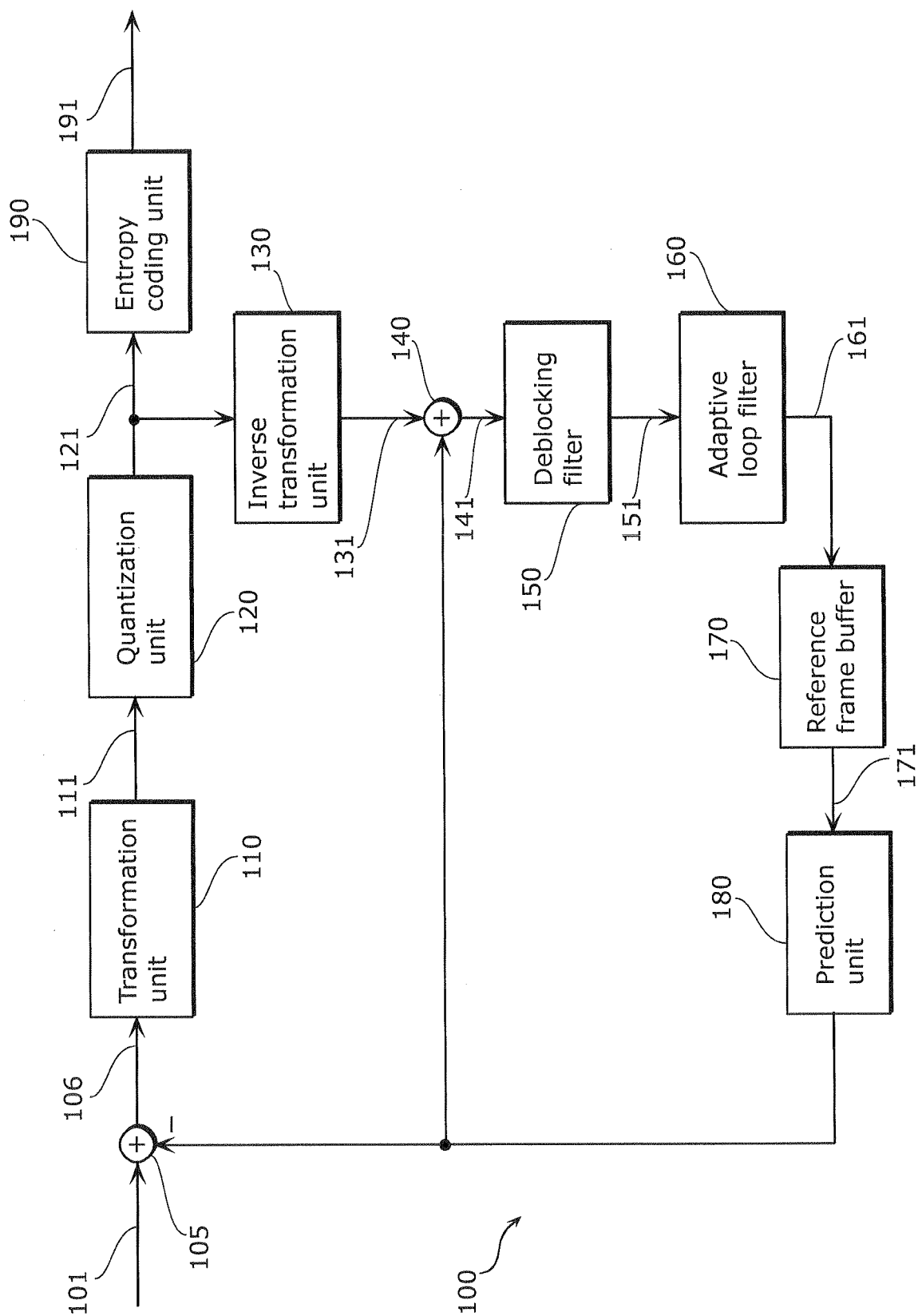


FIG. 2

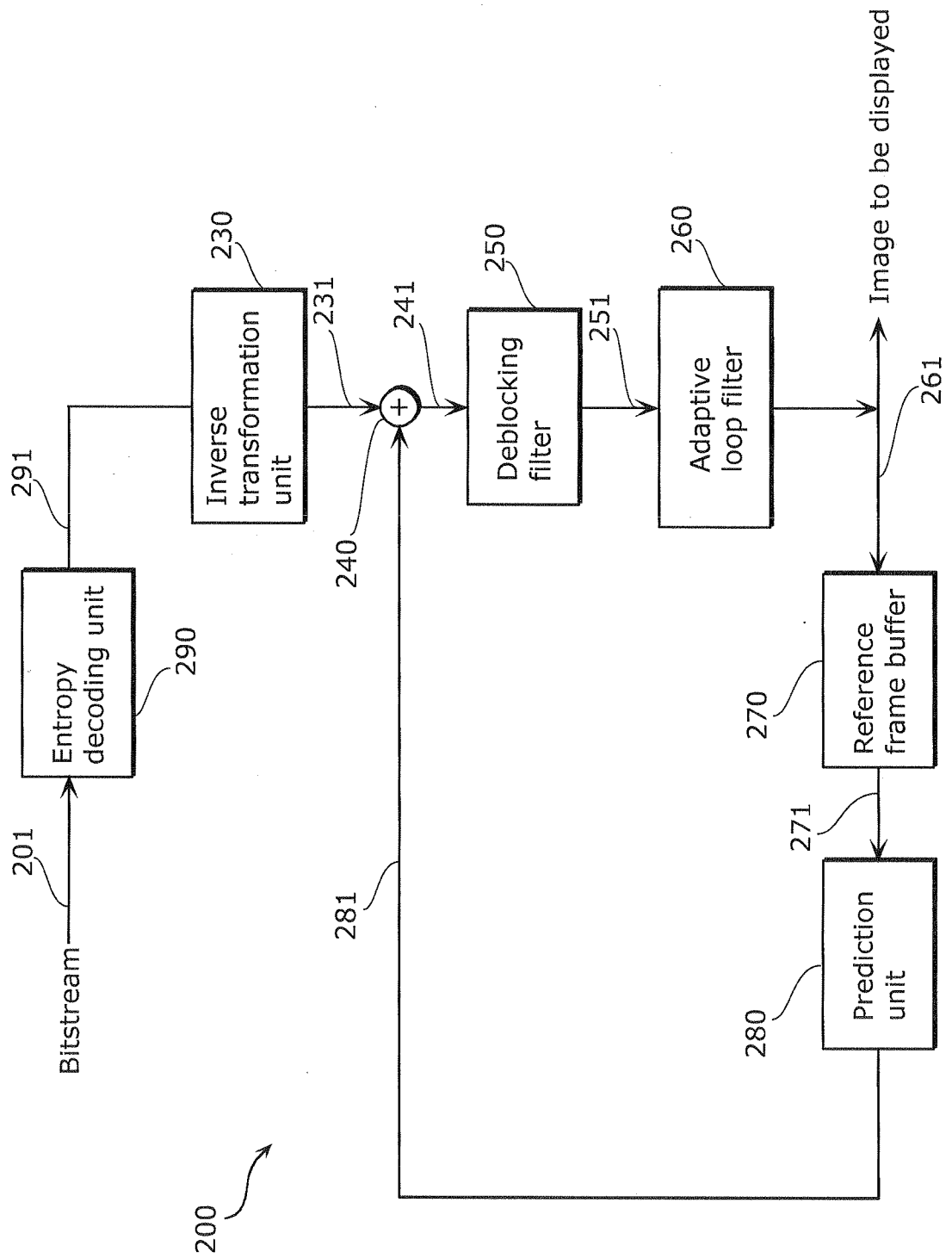


FIG. 3A

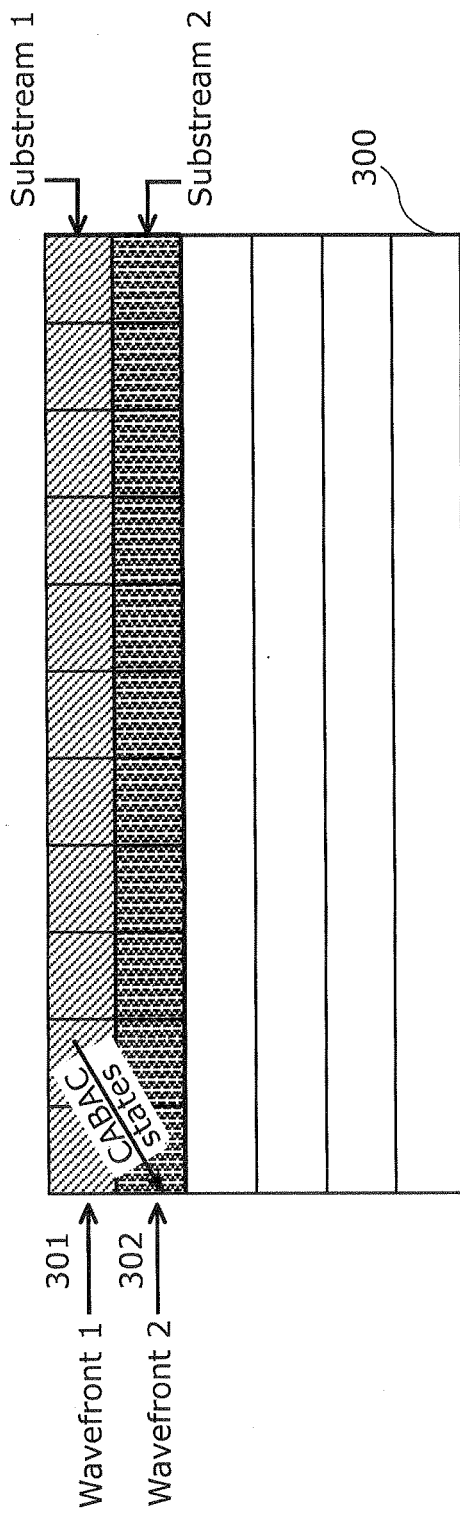


FIG. 3B

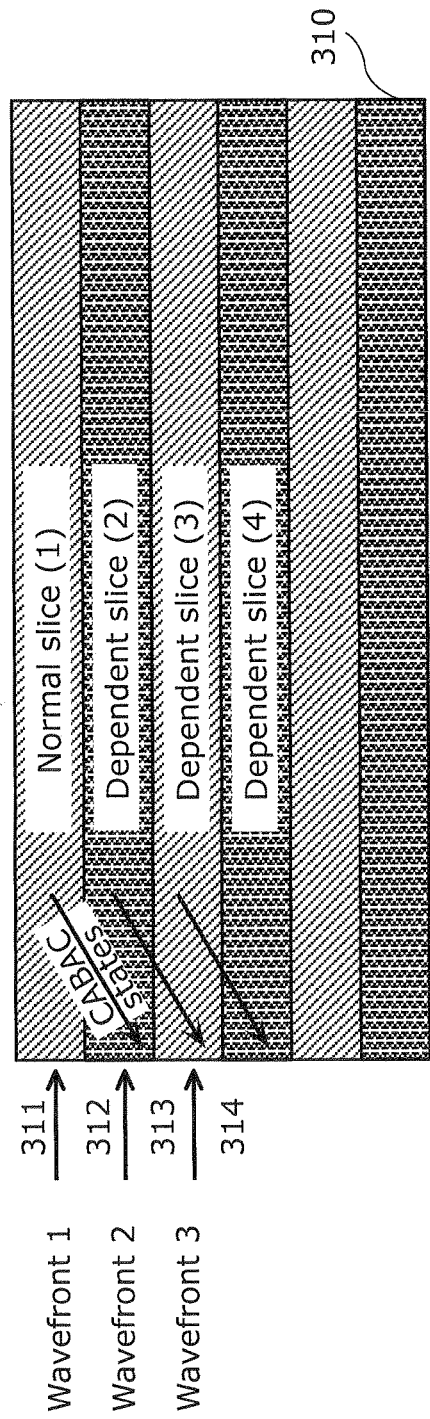


FIG. 4A

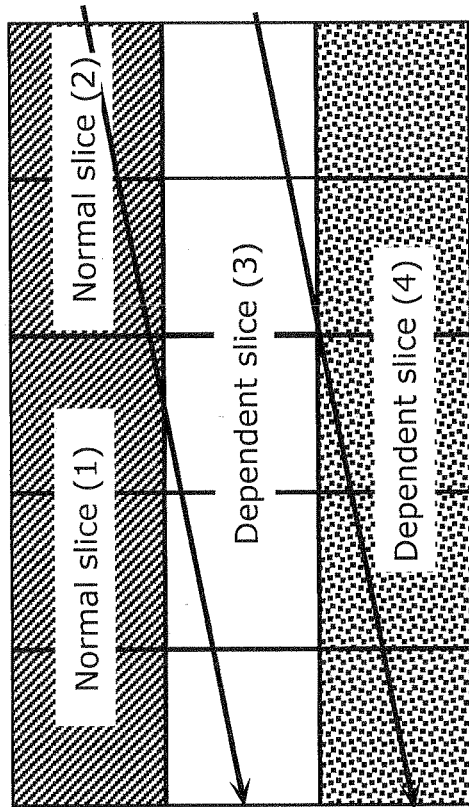


FIG. 4B

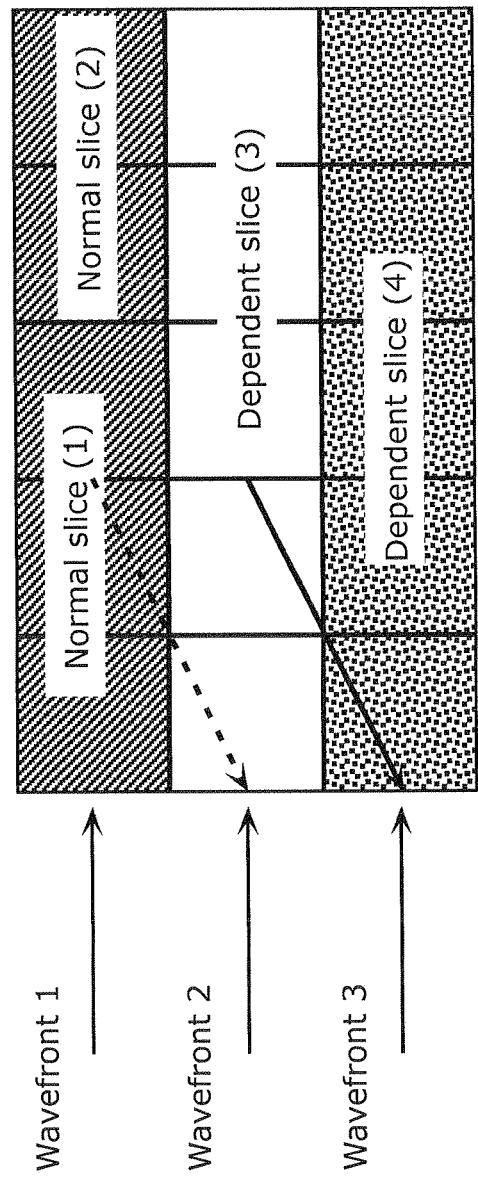


FIG. 5

|                         |                                                                                          |  |                   |
|-------------------------|------------------------------------------------------------------------------------------|--|-------------------|
| 320                     | slice_header(){                                                                          |  | <b>Descriptor</b> |
|                         | <b>first_slice_in_pic_flag</b>                                                           |  | u(1)              |
|                         | if( RapPicFlag )                                                                         |  |                   |
|                         | <b>no_output_of_prior_pics_flag</b>                                                      |  | u(1)              |
|                         | <b>pic_parameter_set_id</b>                                                              |  | ue(v)             |
|                         | if( !first_slice_in_pic_flag )                                                           |  |                   |
|                         | <b>slice_address</b>                                                                     |  | u(v)              |
|                         | if( dependent_slice_enabled_flag && !first_slice_in_pic_flag )                           |  |                   |
|                         | <b>dependent_slice_flag</b>                                                              |  | u(1)              |
| Dependent slice<br>flag | → if( dependent_slice_flag==0 ){ slice header info }                                     |  |                   |
|                         | if( tiles_or_entropy_coding_sync_idc == 1   <br>tiles_or_entropy_coding_sync_idc == 2 ){ |  |                   |
| 321                     | <b>num_entry_point_offsets</b>                                                           |  | ue(v)             |
|                         | if( num_entry_point_offsets > 0 ){                                                       |  |                   |
|                         | <b>offset_len_minus1</b>                                                                 |  | ue(v)             |
|                         | for( i = 0; i < num_entry_point_offsets; i++ )                                           |  |                   |
|                         | <b>entry_point_offset [i]</b>                                                            |  | u(v)              |
|                         | }                                                                                        |  |                   |
|                         | }                                                                                        |  |                   |

FIG. 6

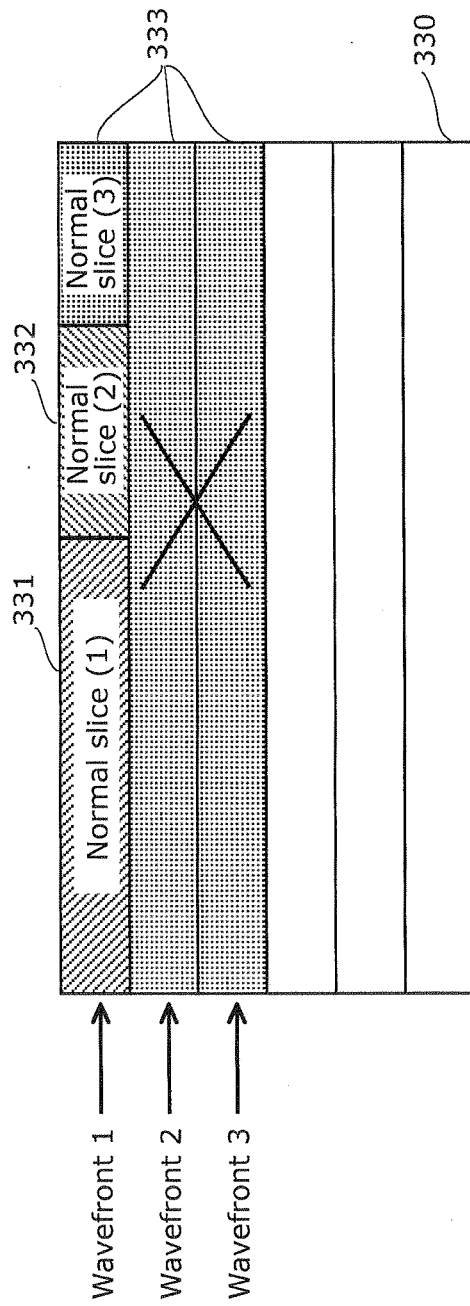


FIG. 7

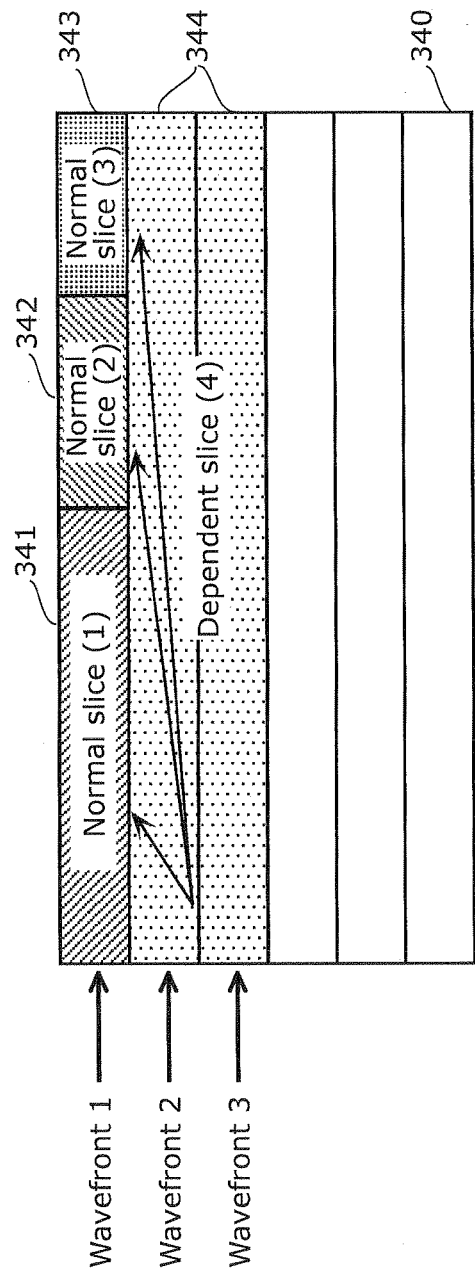


FIG. 8

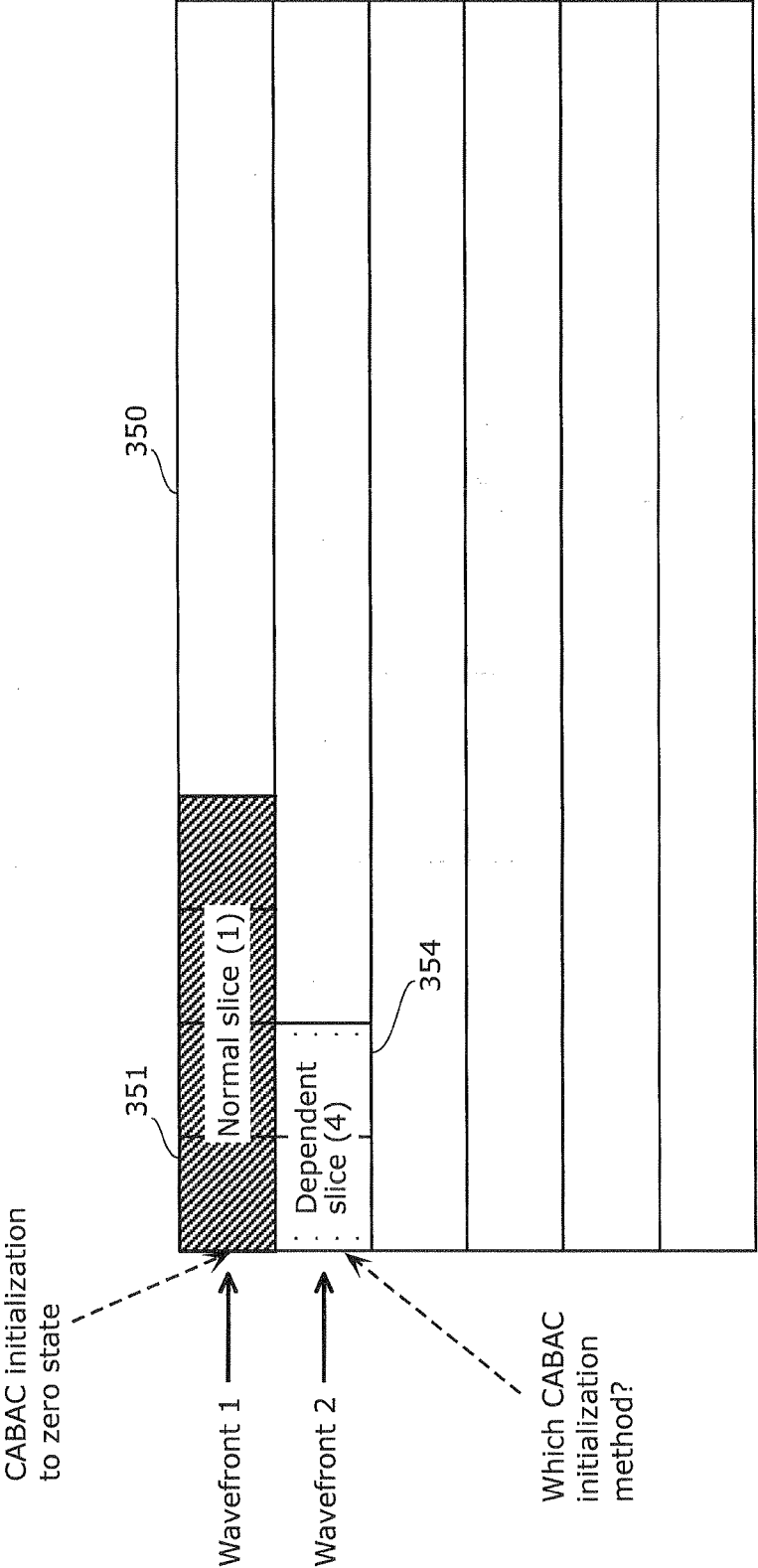


FIG. 9

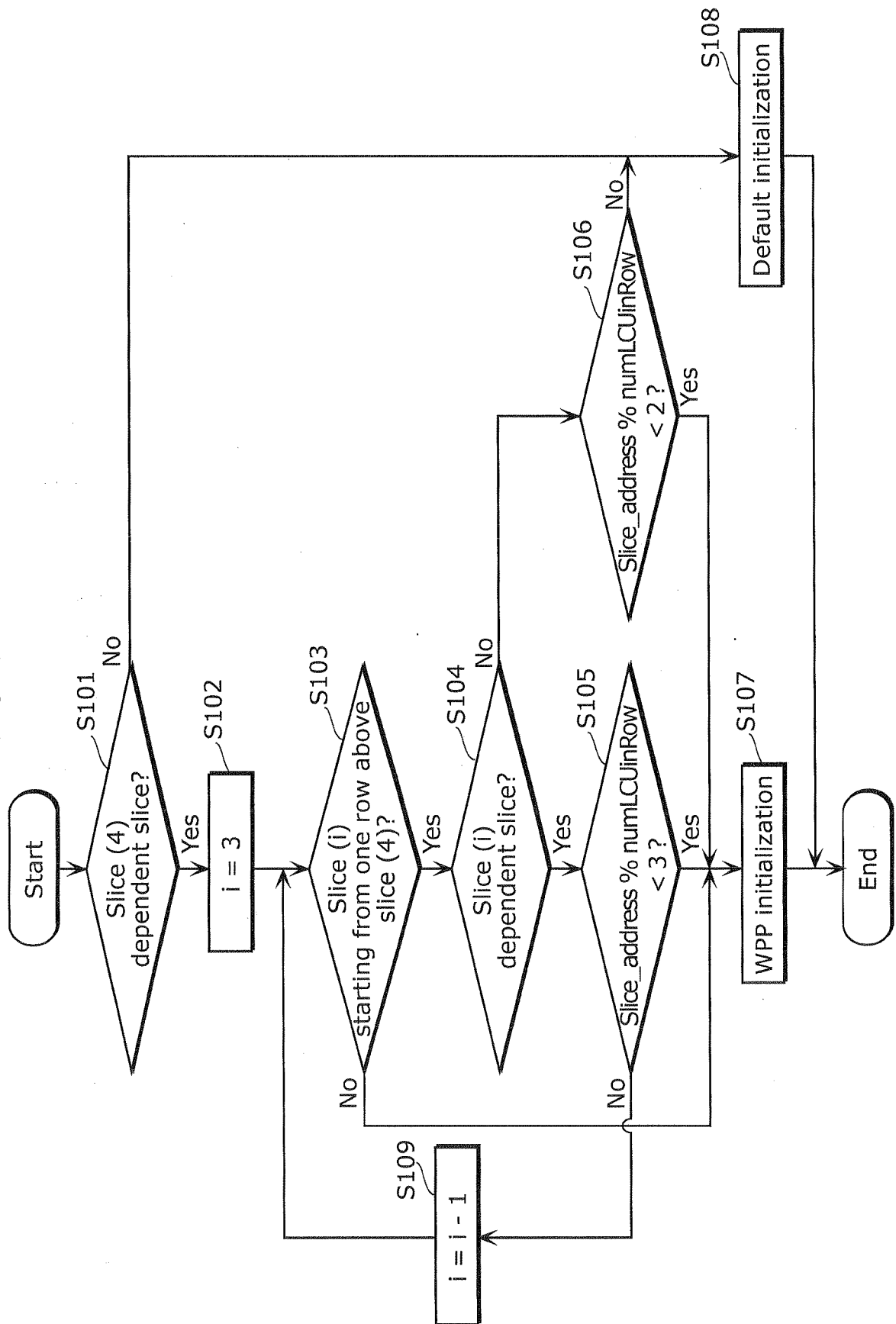


FIG. 10

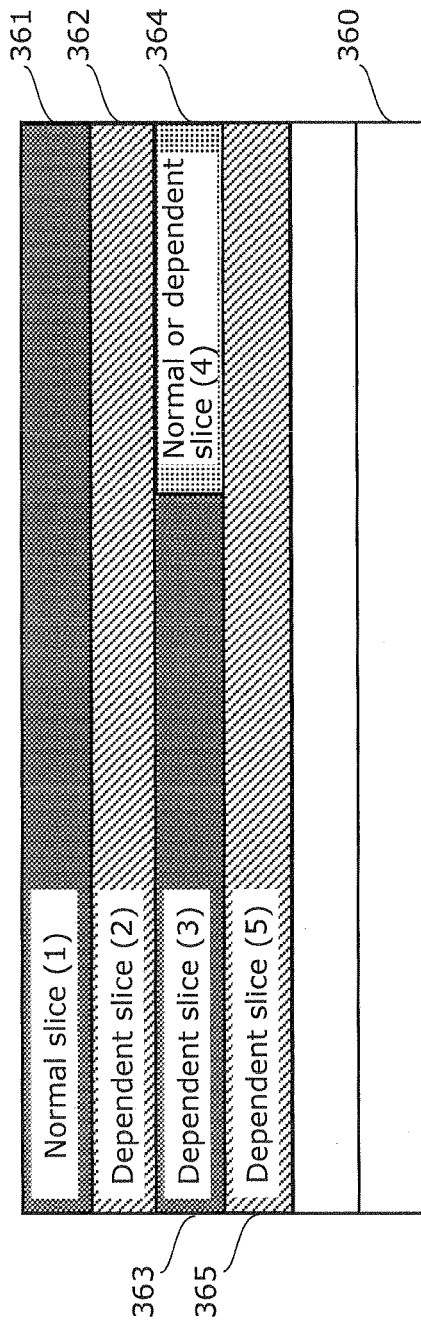


FIG. 11

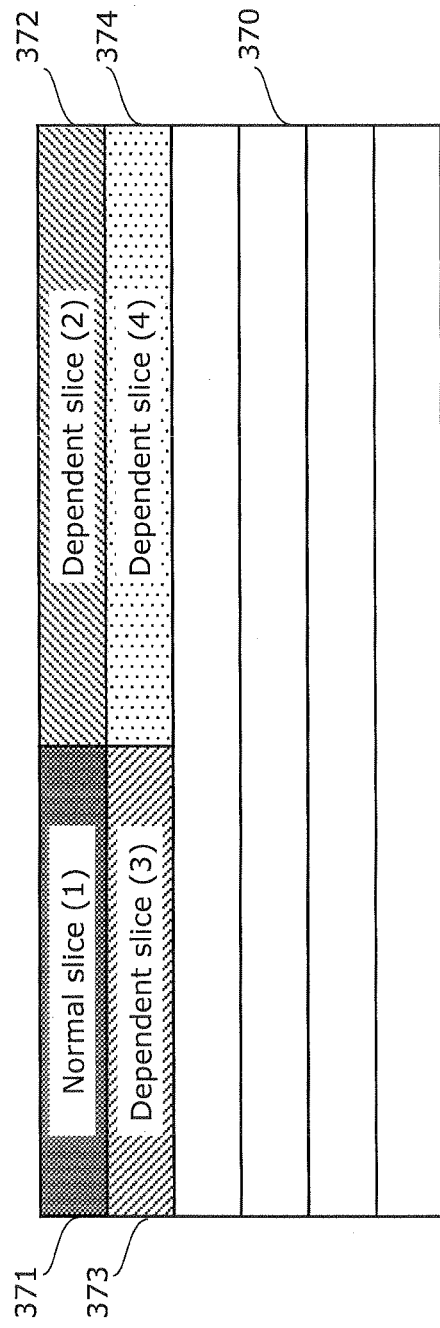


FIG. 12

| Descriptor |                                                                                                                                                                                                                                                                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| u(1)       | <b>first_slice_in_pic_flag = 0</b>                                                                                                                                                                                                                                                                                                                  |
| ue(v)      | <b>Pic_parameter_set_id</b>                                                                                                                                                                                                                                                                                                                         |
|            | if( !first_slice_in_pic_flag )                                                                                                                                                                                                                                                                                                                      |
| u(v)       | <b>slice_address</b>                                                                                                                                                                                                                                                                                                                                |
|            | if( dependent_slice_enabled_flag && !first_slice_in_pic_flag )                                                                                                                                                                                                                                                                                      |
| u(1)       | <b>dependent_slice_flag</b>                                                                                                                                                                                                                                                                                                                         |
|            | if( dependent_slice_flag == 1 && entropy_coding_sync_enabled_flag == 1 &&<br>slice_address % PicWidthInCtbsY == 0 )                                                                                                                                                                                                                                 |
| u(1)       | <b>entropy_default_initialization_flag</b>                                                                                                                                                                                                                                                                                                          |
|            | if( dependent_slice_flag == ) ( { slice header info }<br>if( tiles_or_entropy_coding_sync_idc == 1   <br>tiles_or_entropy_coding_sync_idc == 2 ) {<br><b>num_entry_point_offsets</b><br>if( num_entry_point_offsets > 0 ) {<br><b>offset_len_minus1</b><br>for( i = 0; i < num_entry_point_offsets; i++ )<br><b>entry_point_offset[i]</b><br>}<br>} |
| ue(v)      |                                                                                                                                                                                                                                                                                                                                                     |
| ue(v)      |                                                                                                                                                                                                                                                                                                                                                     |
| u(v)       |                                                                                                                                                                                                                                                                                                                                                     |
|            |                                                                                                                                                                                                                                                                                                                                                     |
|            |                                                                                                                                                                                                                                                                                                                                                     |

381

380

FIG. 13

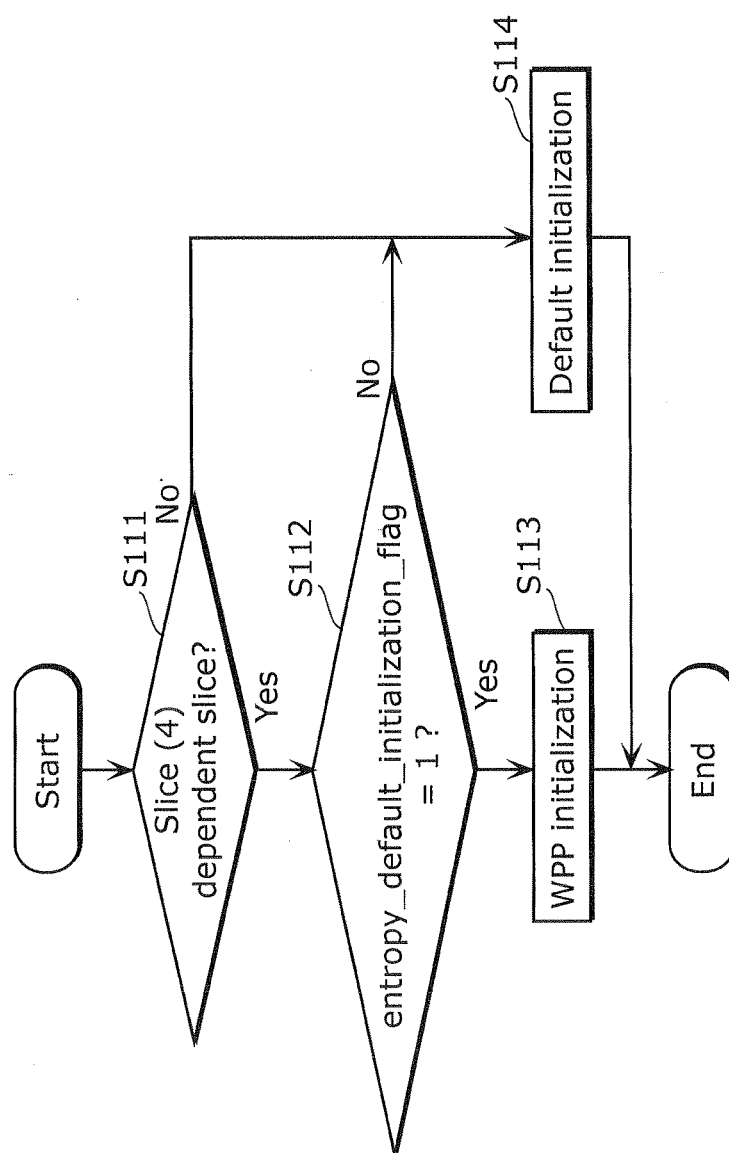


FIG. 14

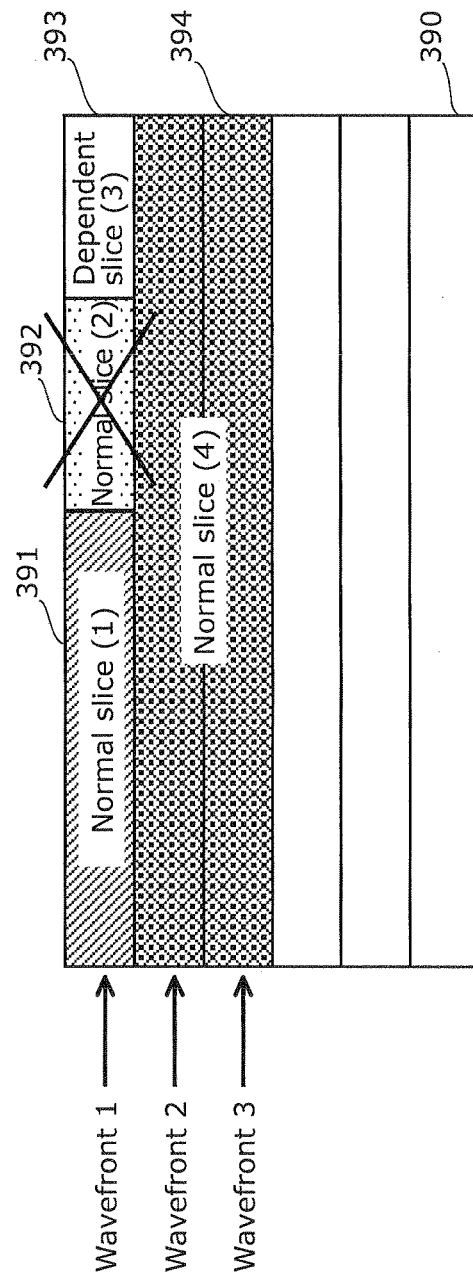


FIG. 15

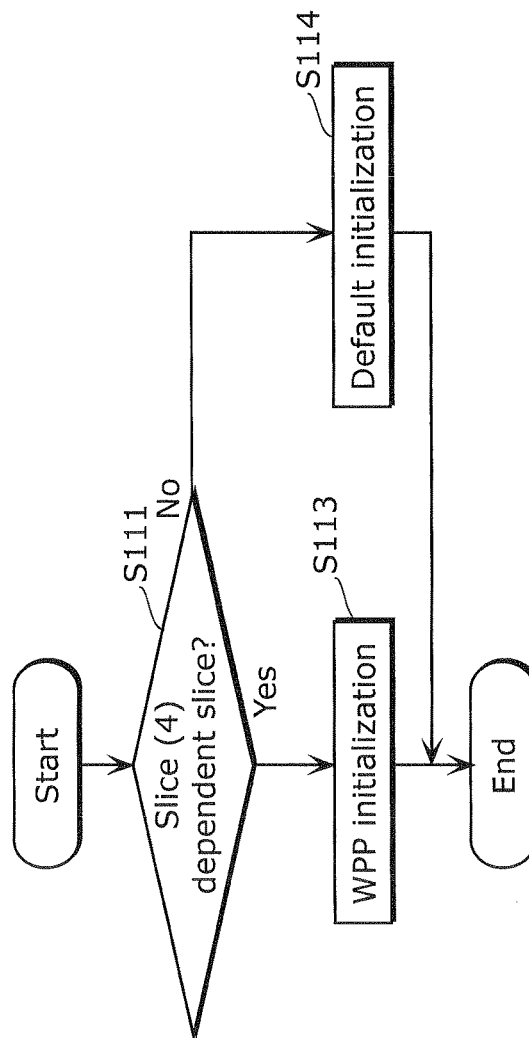


FIG. 16

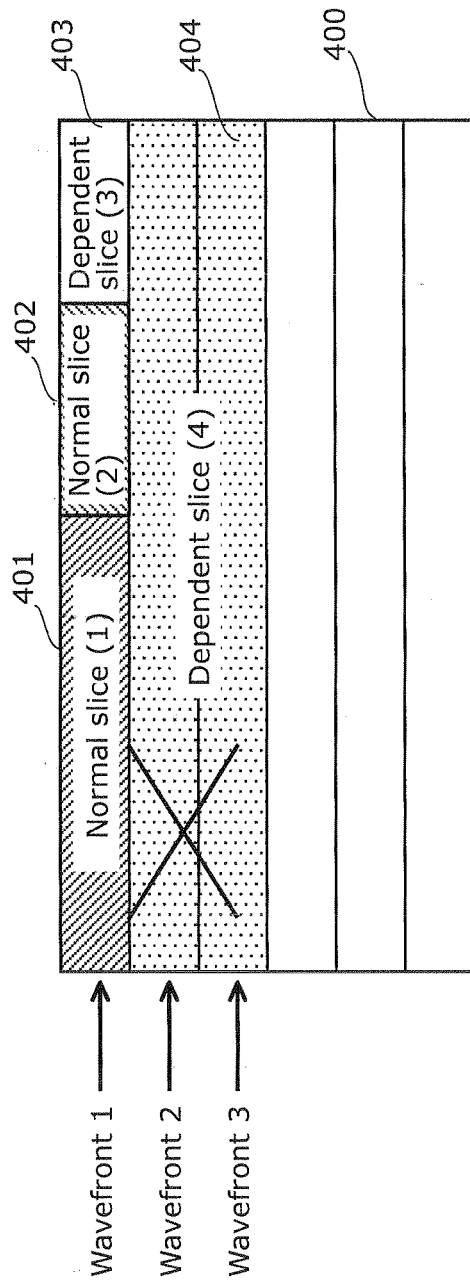


FIG. 17

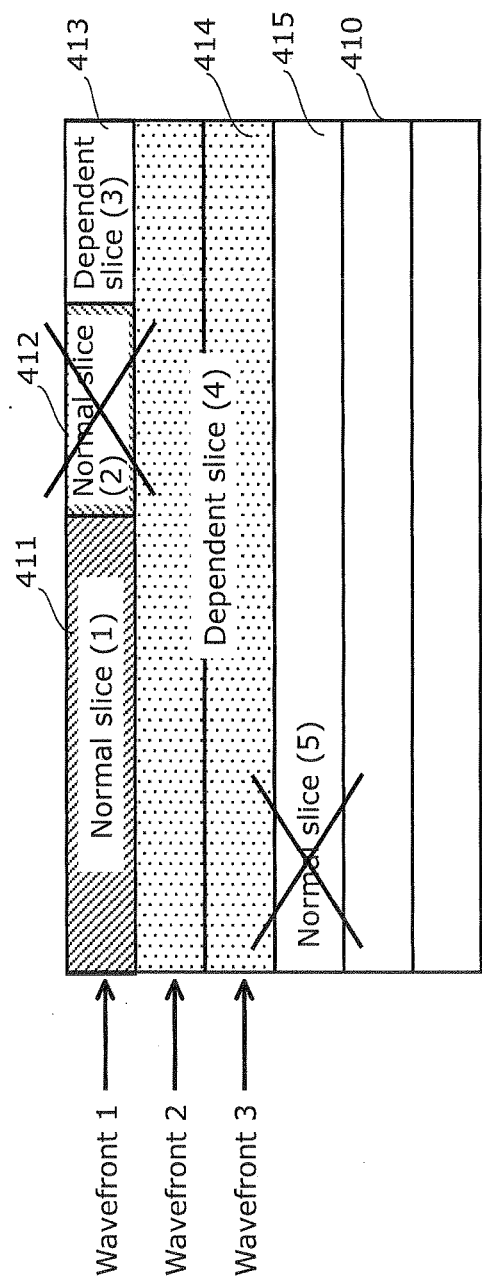


FIG. 18

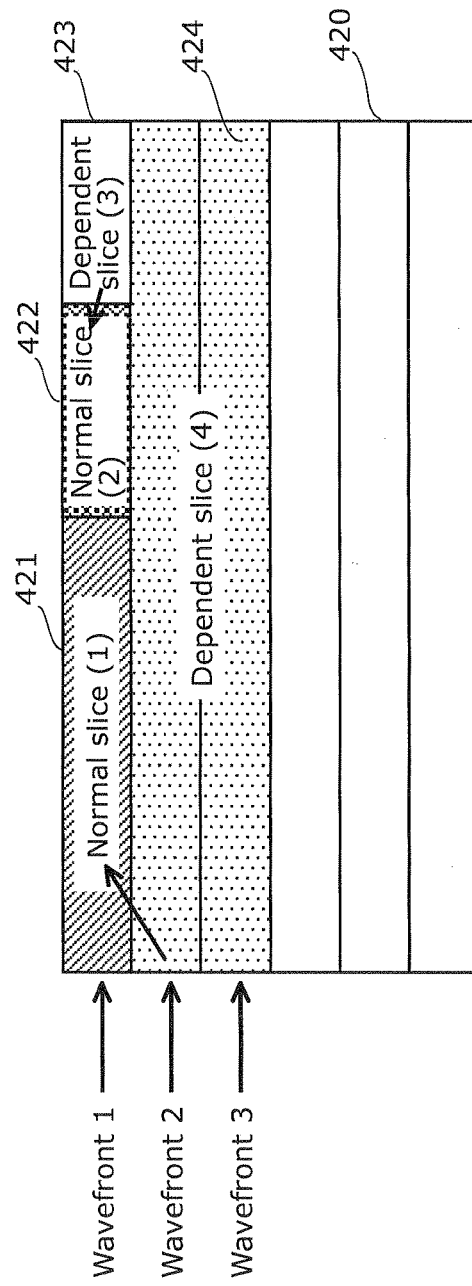


FIG. 19

|                                                                                          | Descriptor |
|------------------------------------------------------------------------------------------|------------|
| slice_header(){                                                                          |            |
| <b>first_slice_in_pic_flag</b>                                                           | u(1)       |
| if( RapPicFlag )                                                                         |            |
| <b>no_output_of_prior_pics_flag</b>                                                      | u(1)       |
| <b>pic_parameter_set_id</b>                                                              | ue(v)      |
| if( !first_slice_in_pic_flag )                                                           |            |
| <b>slice_address</b>                                                                     | u(v)       |
| if( dependent_slice_enabled_flag && !first_slice_in_pic_flag )                           |            |
| <b>dependent_slice_flag</b>                                                              | u(1)       |
| if( dependent_slice_flag==0 ){ slice header info }                                       |            |
| if( tiles_or_entropy_coding_sync_idc == 1   <br>tiles_or_entropy_coding_sync_idc == 2 ){ |            |
| <b>num_entry_point_offsets</b>                                                           | ue(v)      |
| if( num_entry_point_offsets > 0 ){                                                       |            |
| <b>offset_len_minus1</b>                                                                 | ue(v)      |
| for( i = 0; i < num_entry_point_offsets; i++ )                                           |            |
| <b>entry_point_offset [i]</b>                                                            | u(v)       |
| }                                                                                        |            |
| }                                                                                        |            |

Dependent slice flag →

FIG. 20

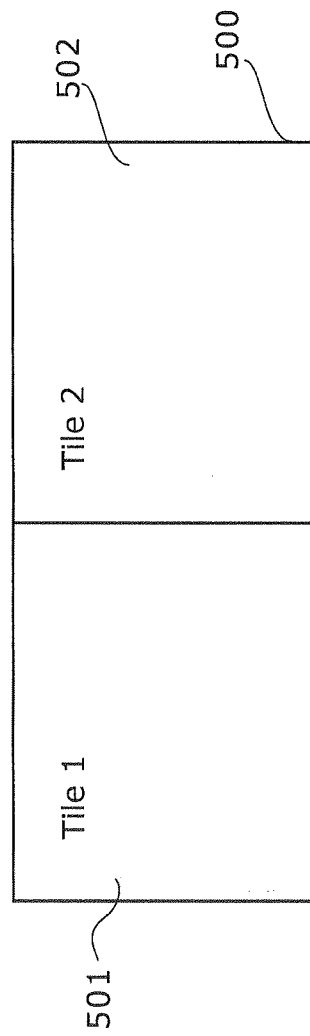


FIG. 21A

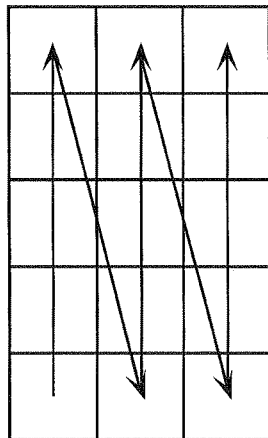


FIG. 21B

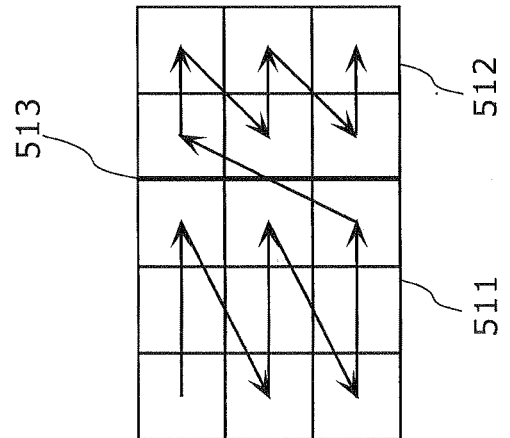


FIG. 22A

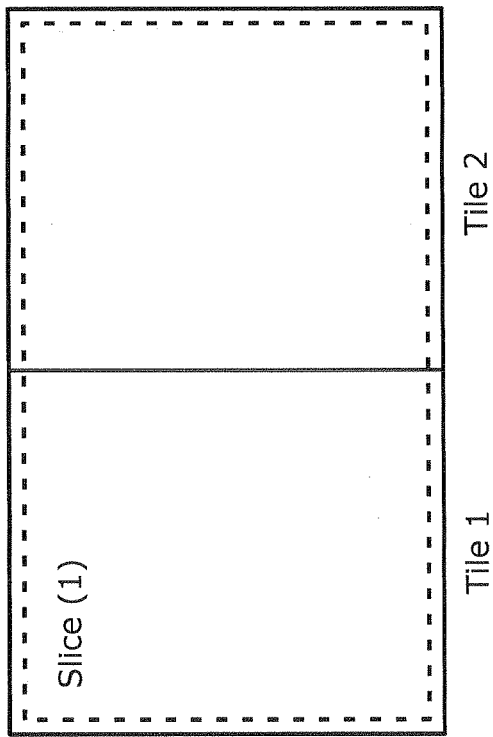


FIG. 22B

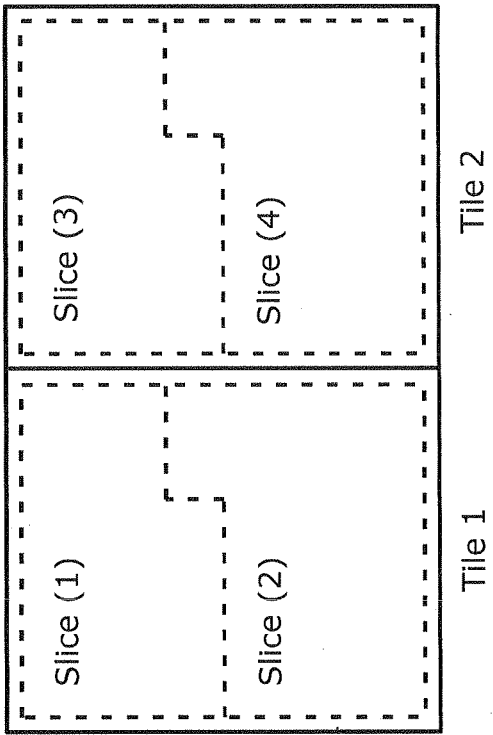


FIG. 22C

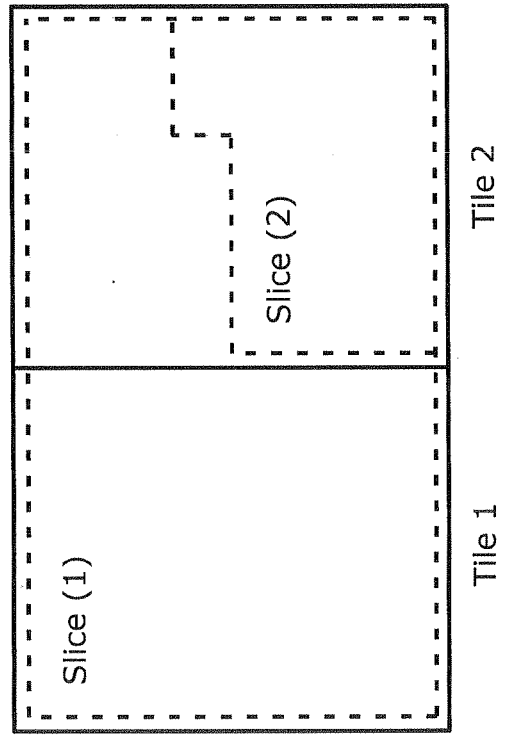


FIG. 23

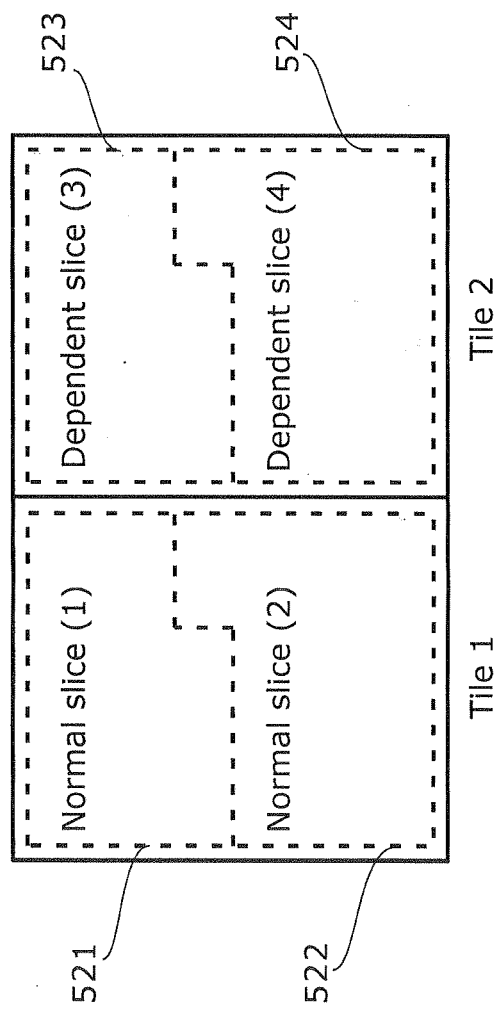


FIG. 24

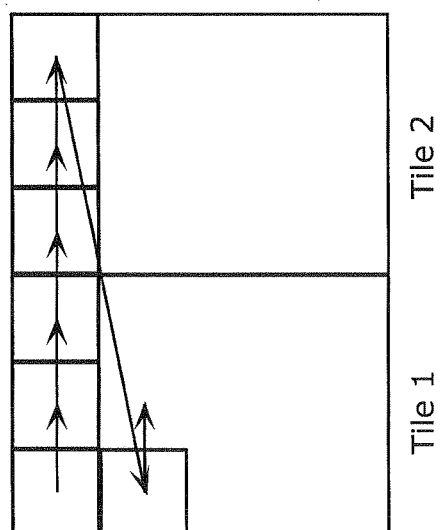


FIG. 25A

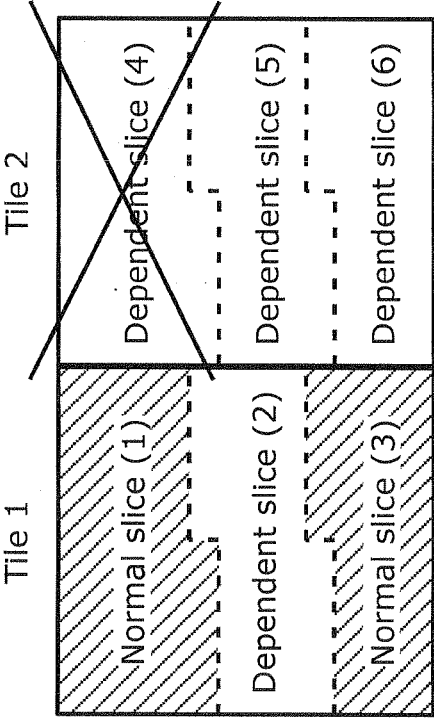


FIG. 25B

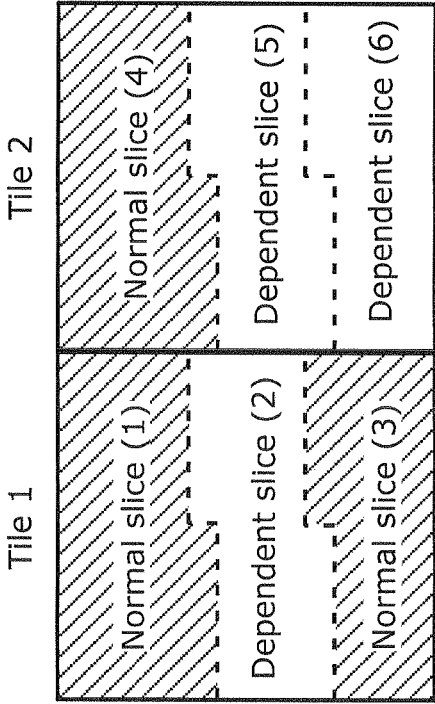


FIG. 25C

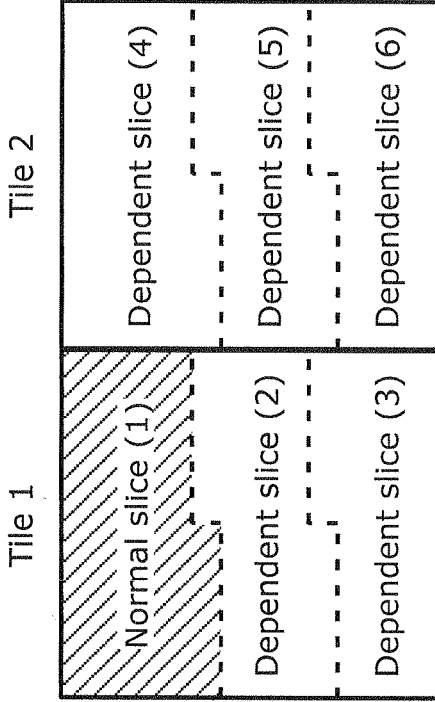


FIG. 26A

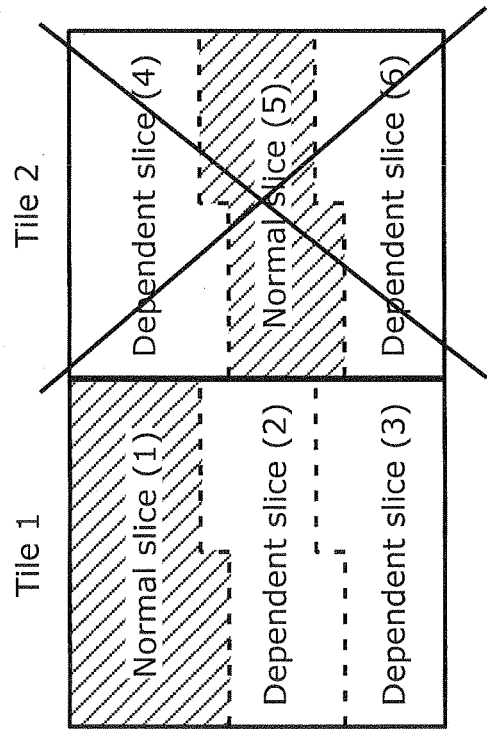


FIG. 26B

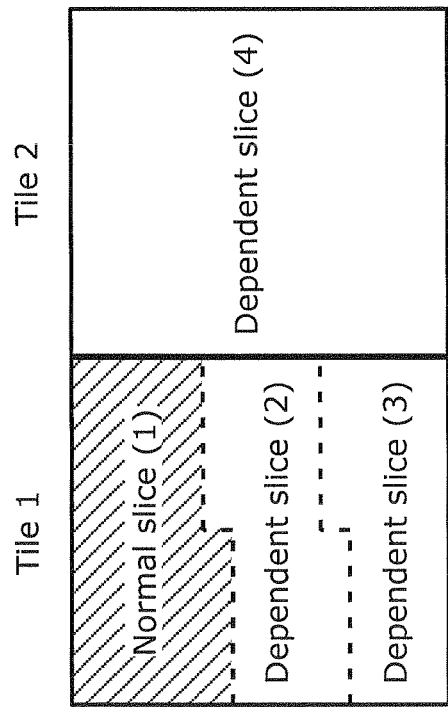


FIG. 27A

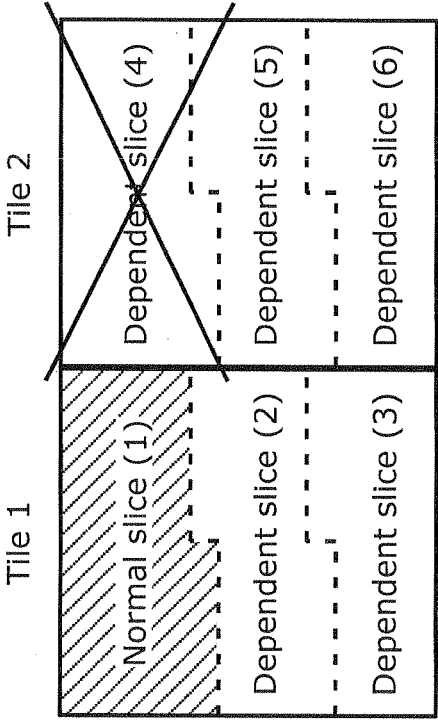


FIG. 27B

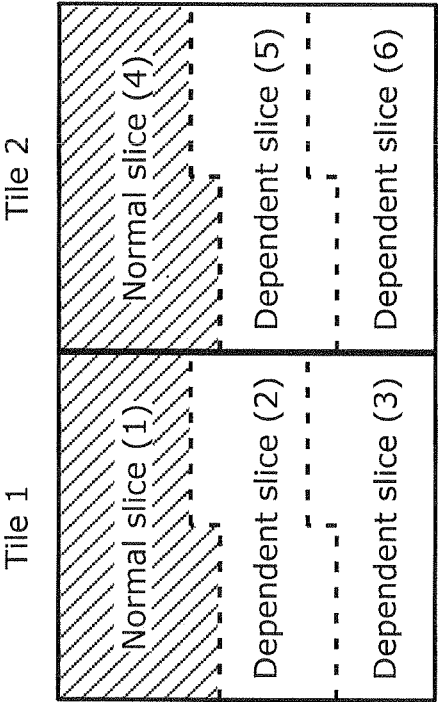


FIG. 28

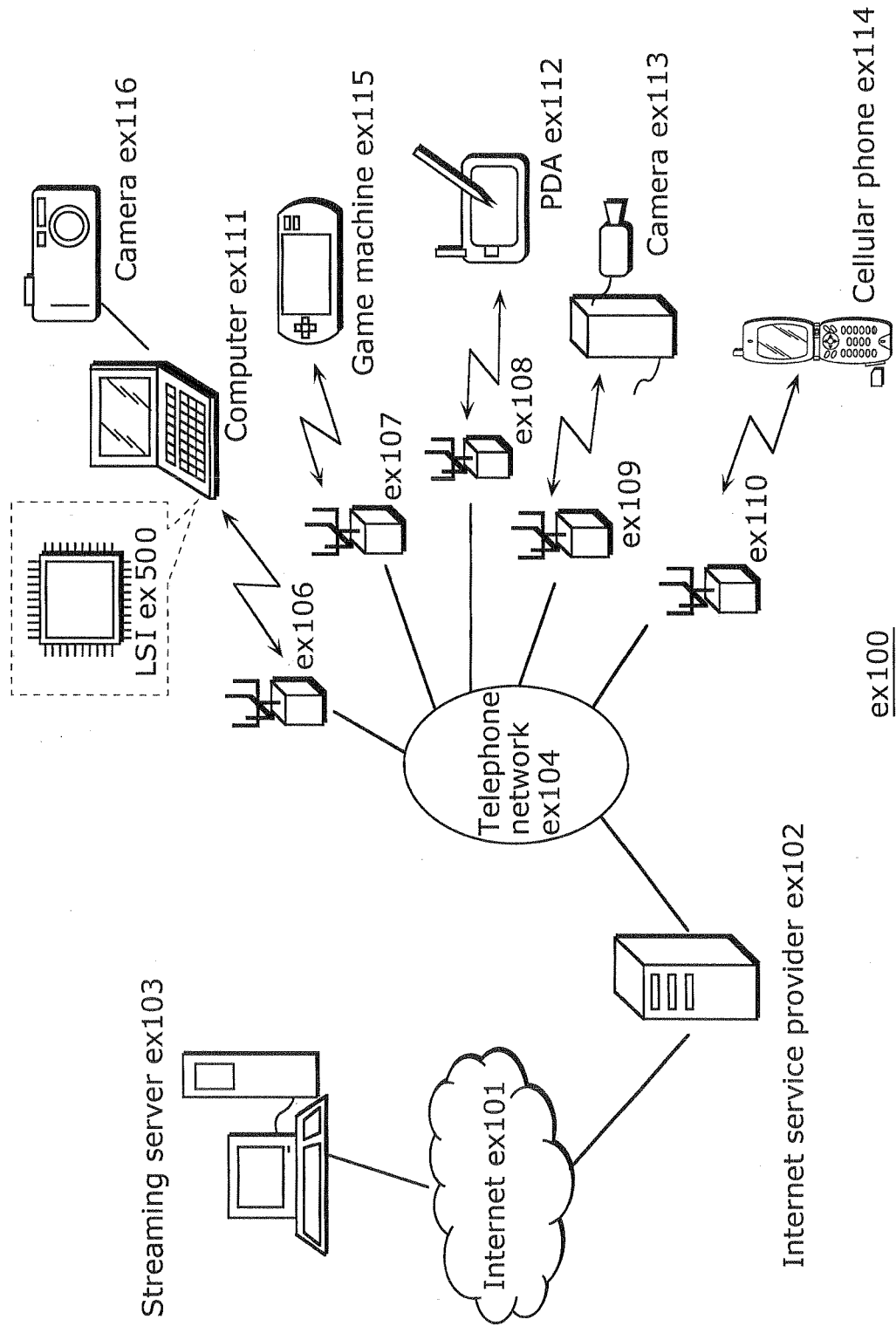


FIG. 29

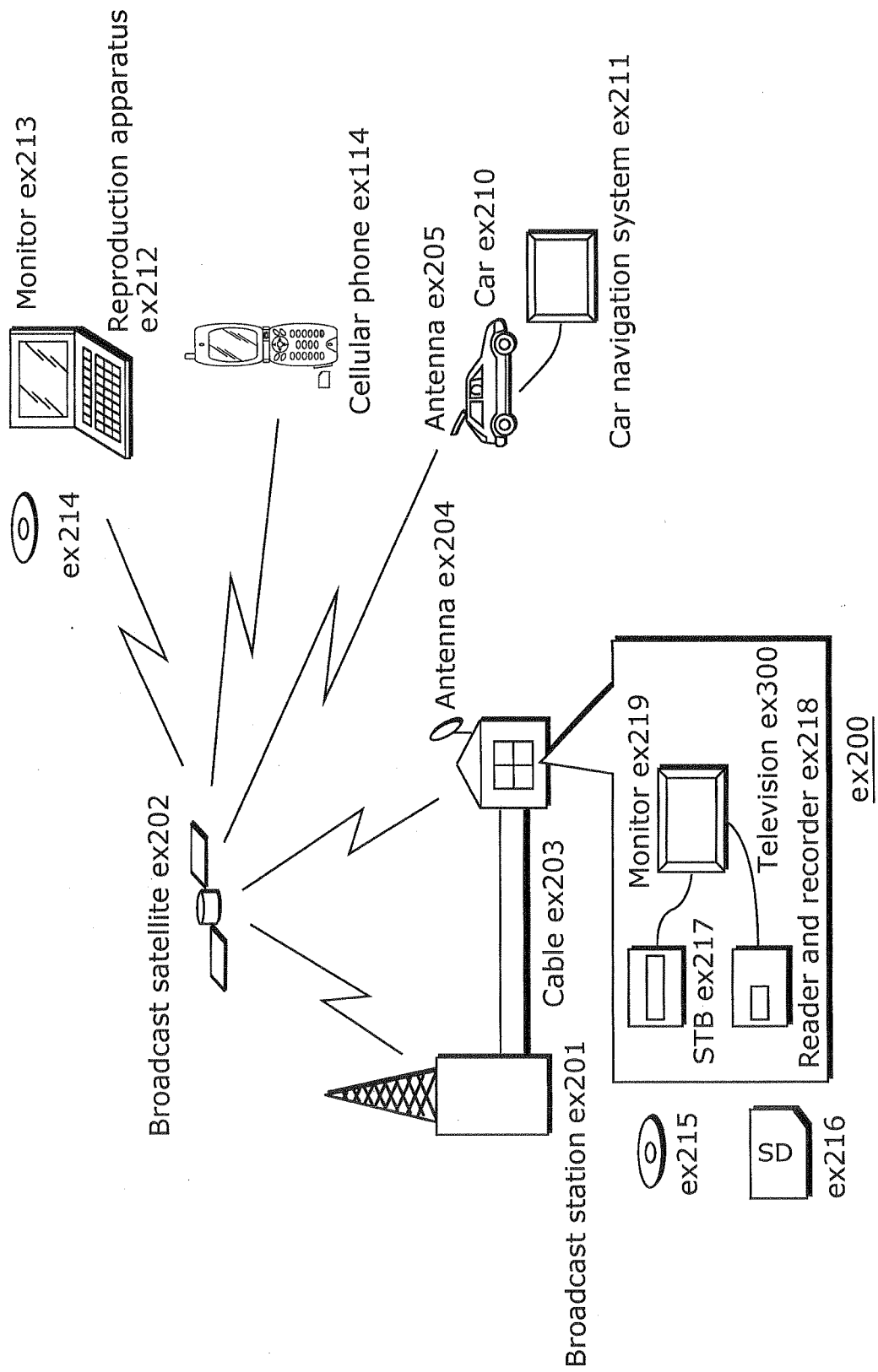


FIG. 30

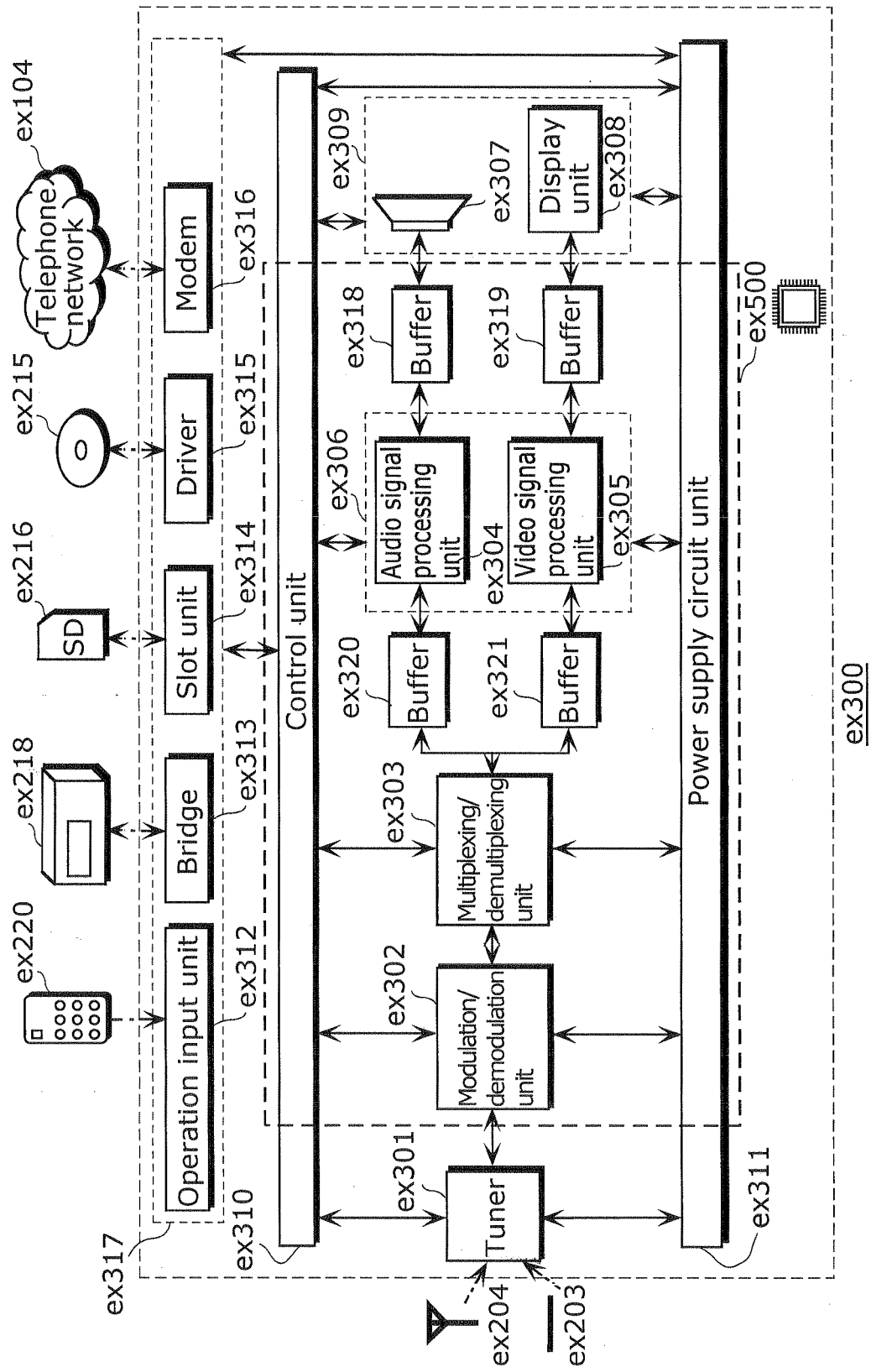


FIG. 31

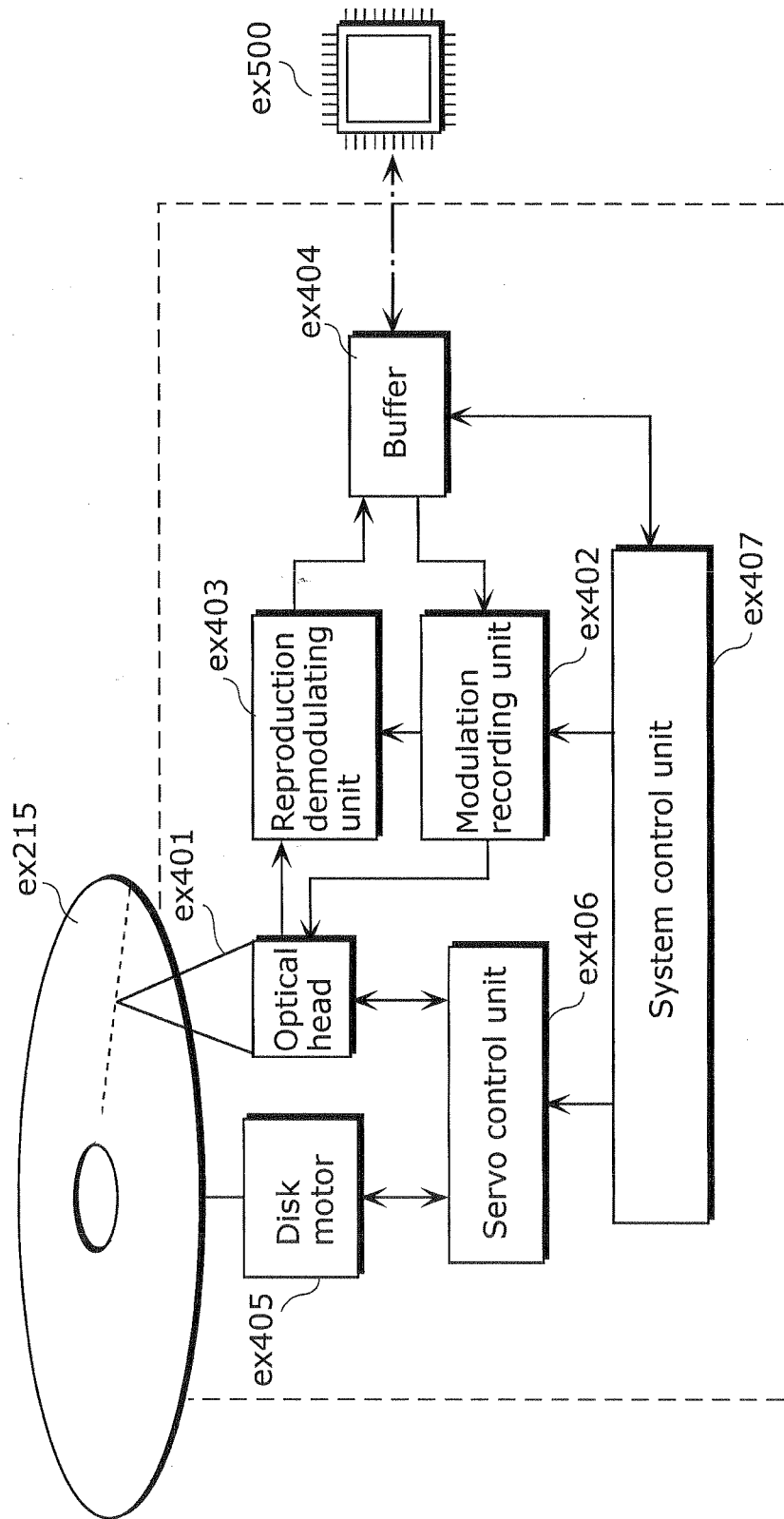
ex400

FIG. 32

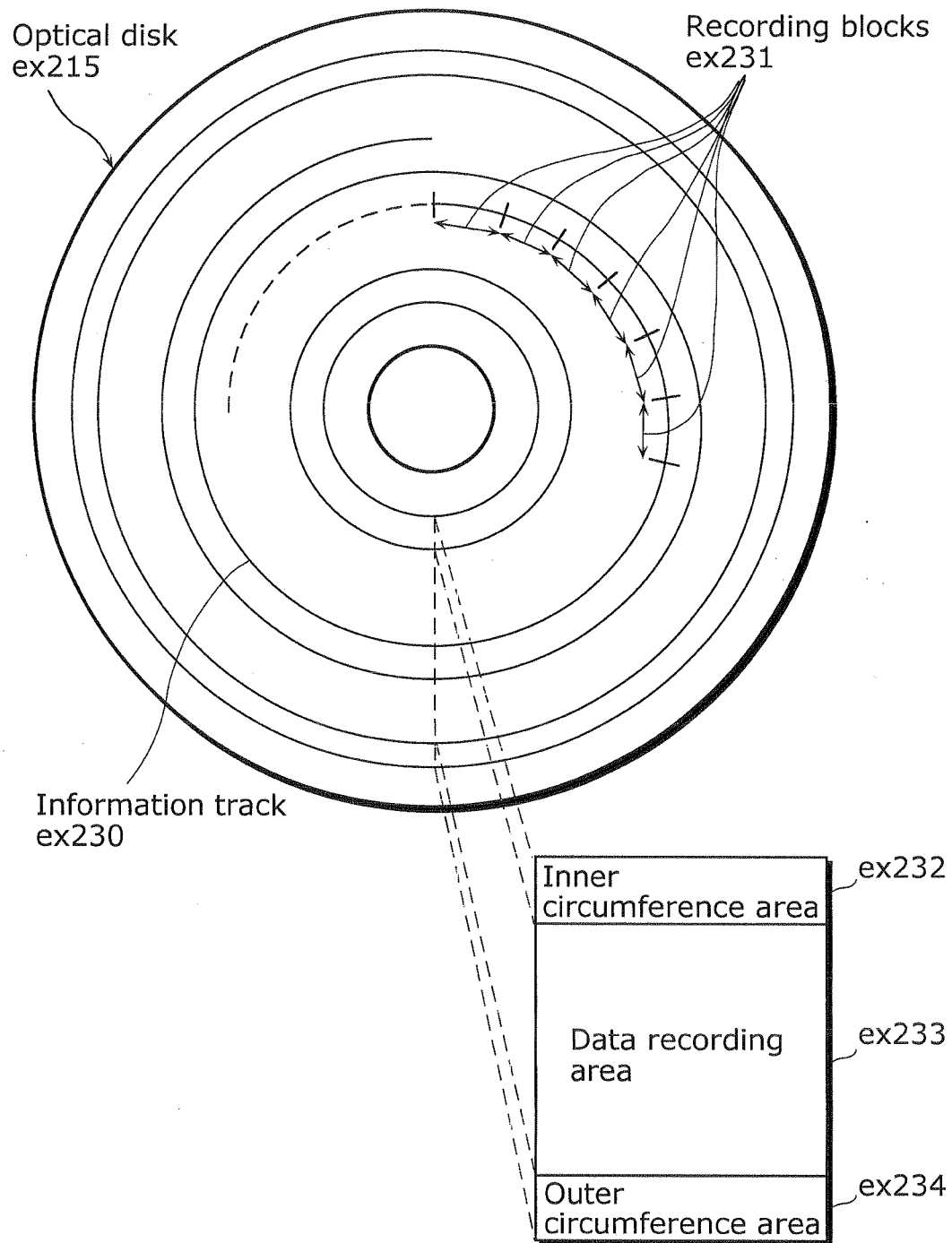


FIG. 33A

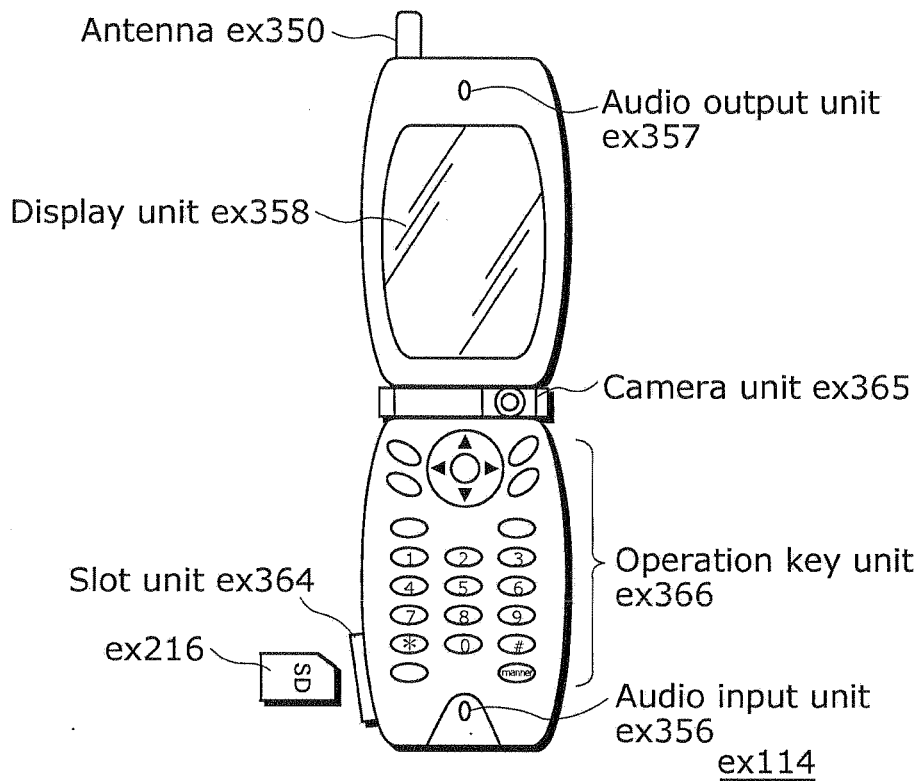


FIG. 33B

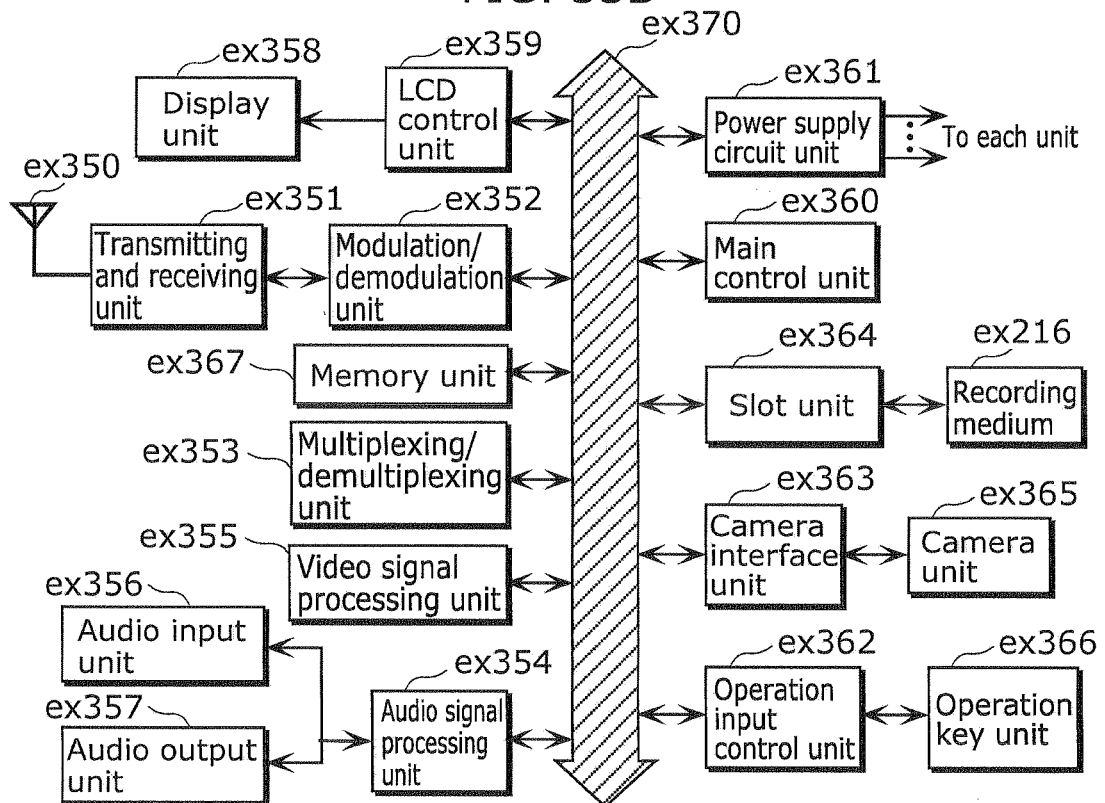


FIG. 34

|                                            |
|--------------------------------------------|
|                                            |
| Video stream (PID=0x1011, Primary video)   |
|                                            |
| Audio stream (PID=0x1100)                  |
|                                            |
| Audio stream (PID=0x1101)                  |
|                                            |
| Presentation graphics stream (PID=0x1200)  |
|                                            |
| Presentation graphics stream (PID=0x1201)  |
|                                            |
| Interactive graphics stream (PID=0x1400)   |
|                                            |
| Video stream (PID=0x1B00, Secondary video) |
|                                            |
| Video stream (PID=0x1B01, Secondary video) |
|                                            |

FIG. 35

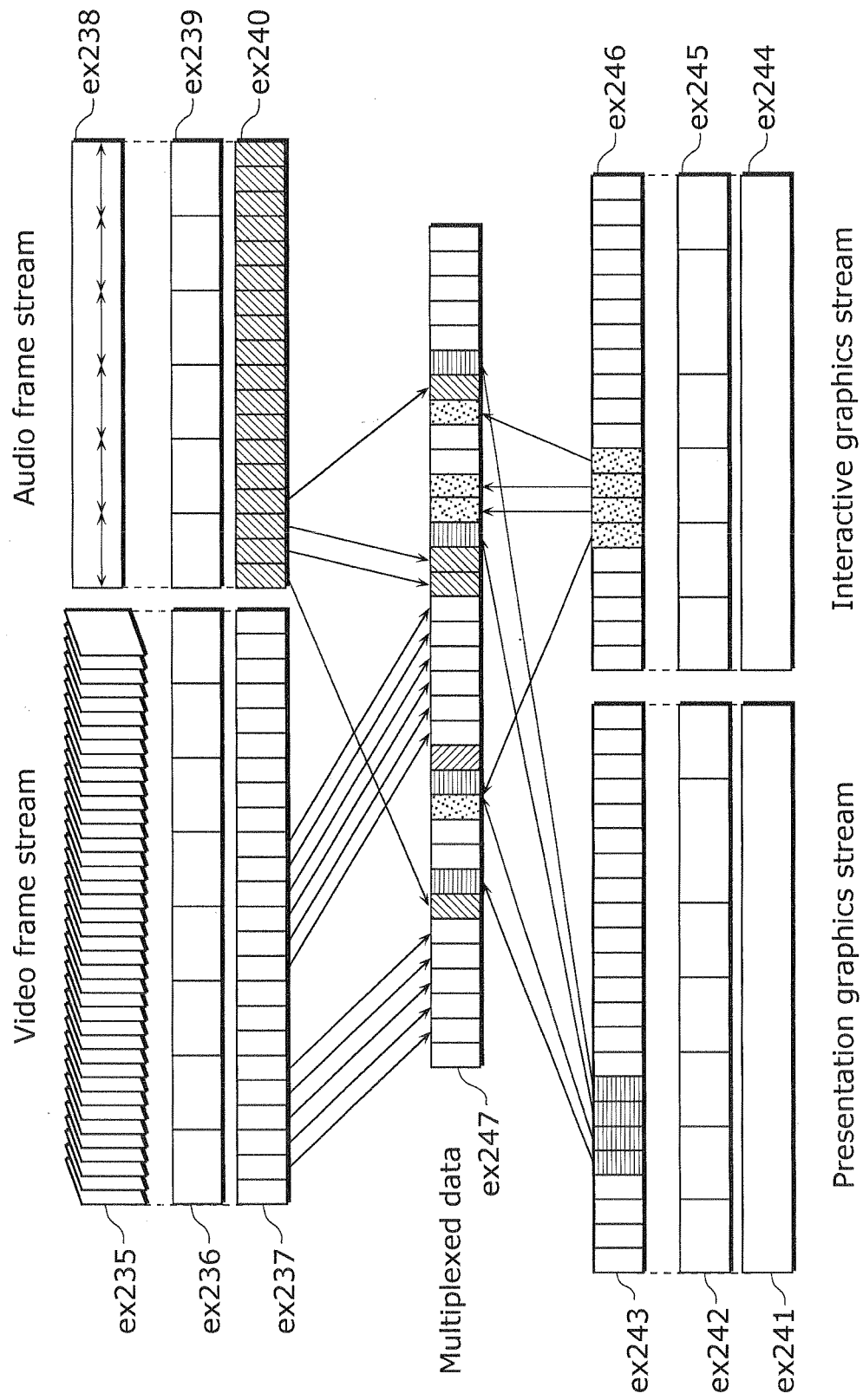


FIG. 36

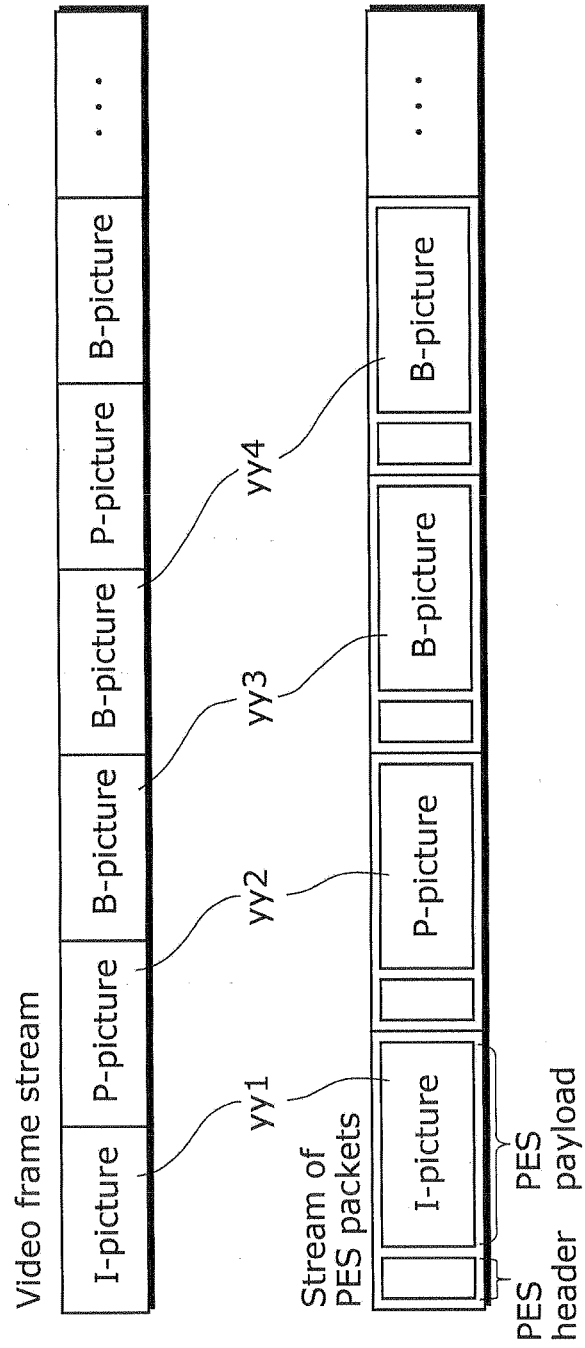


FIG. 37

Stream of TS packets

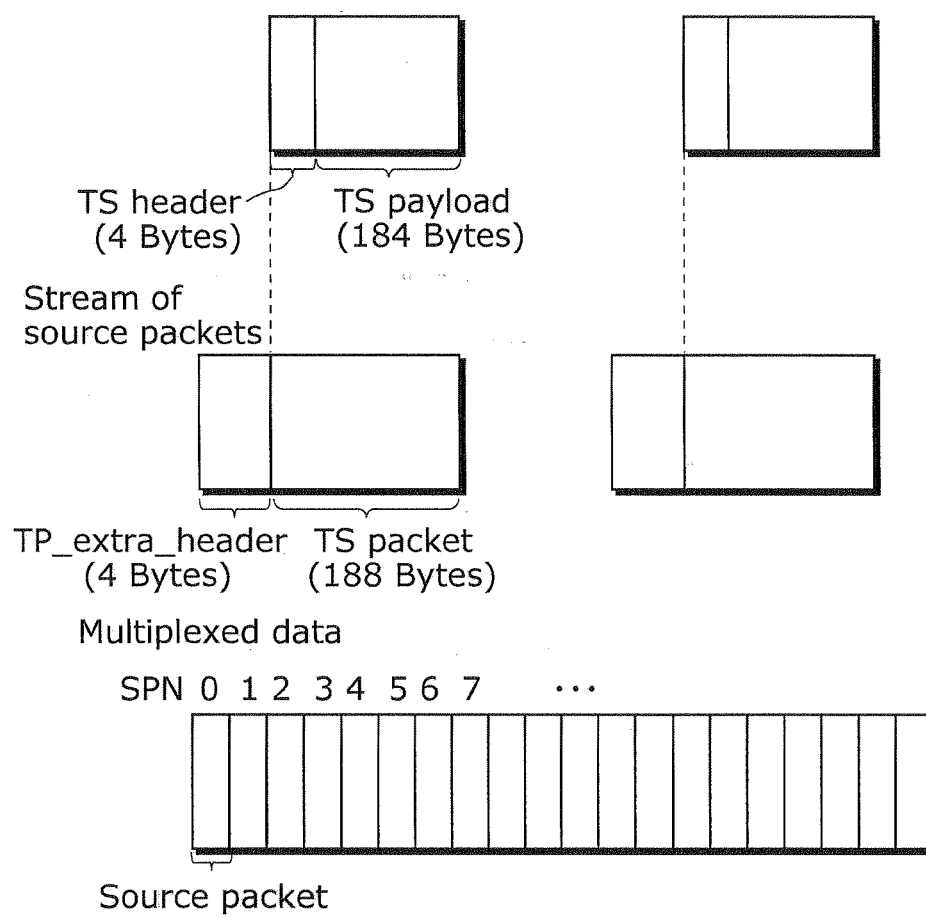


FIG. 38

Data structure of PMT

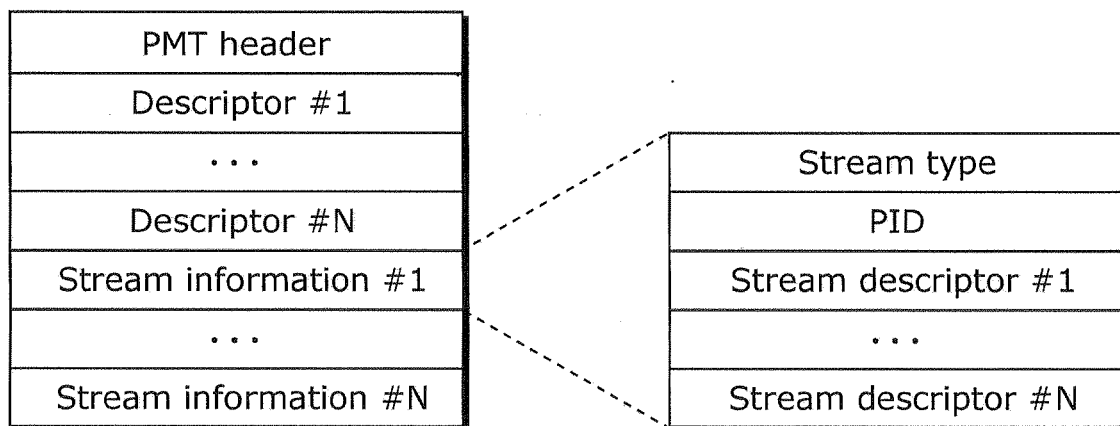


FIG. 39

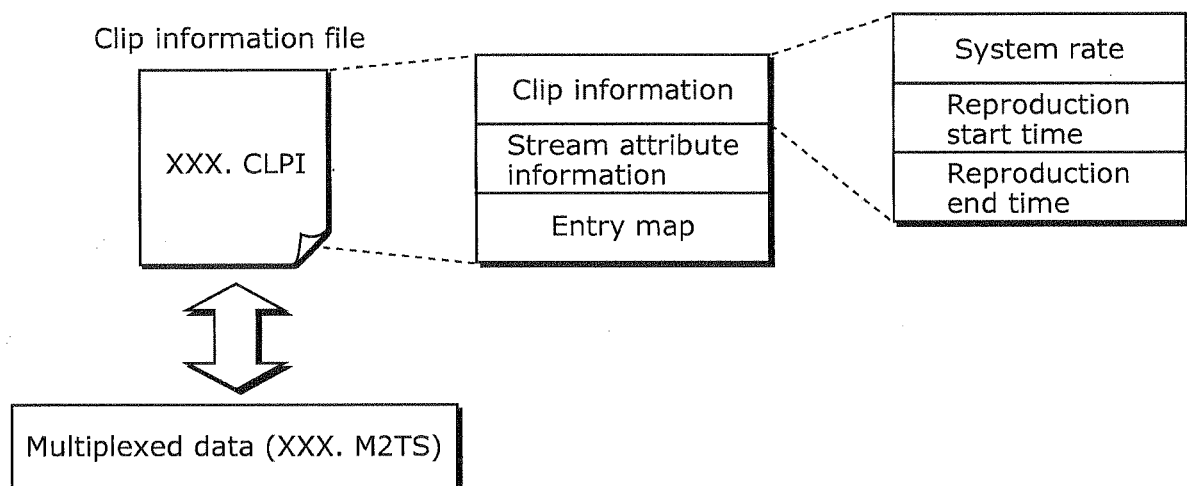


FIG. 40

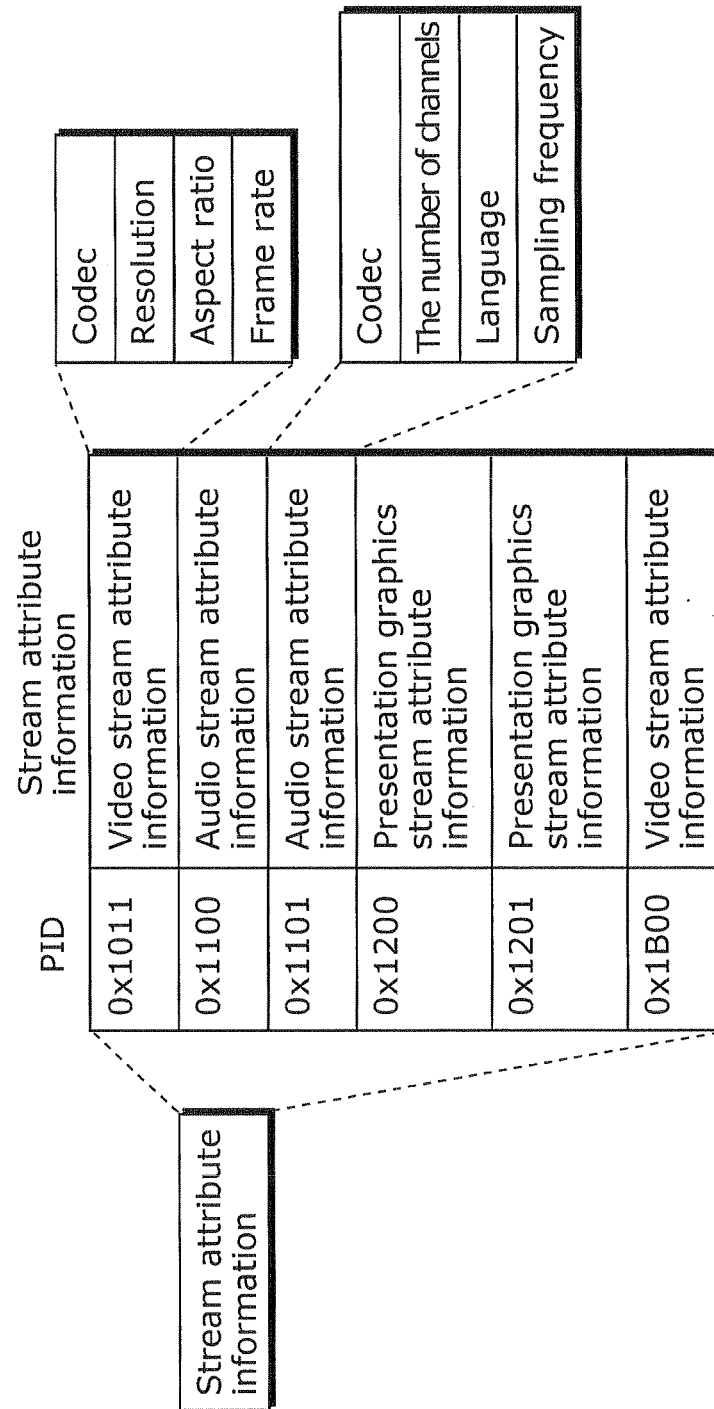


FIG. 41

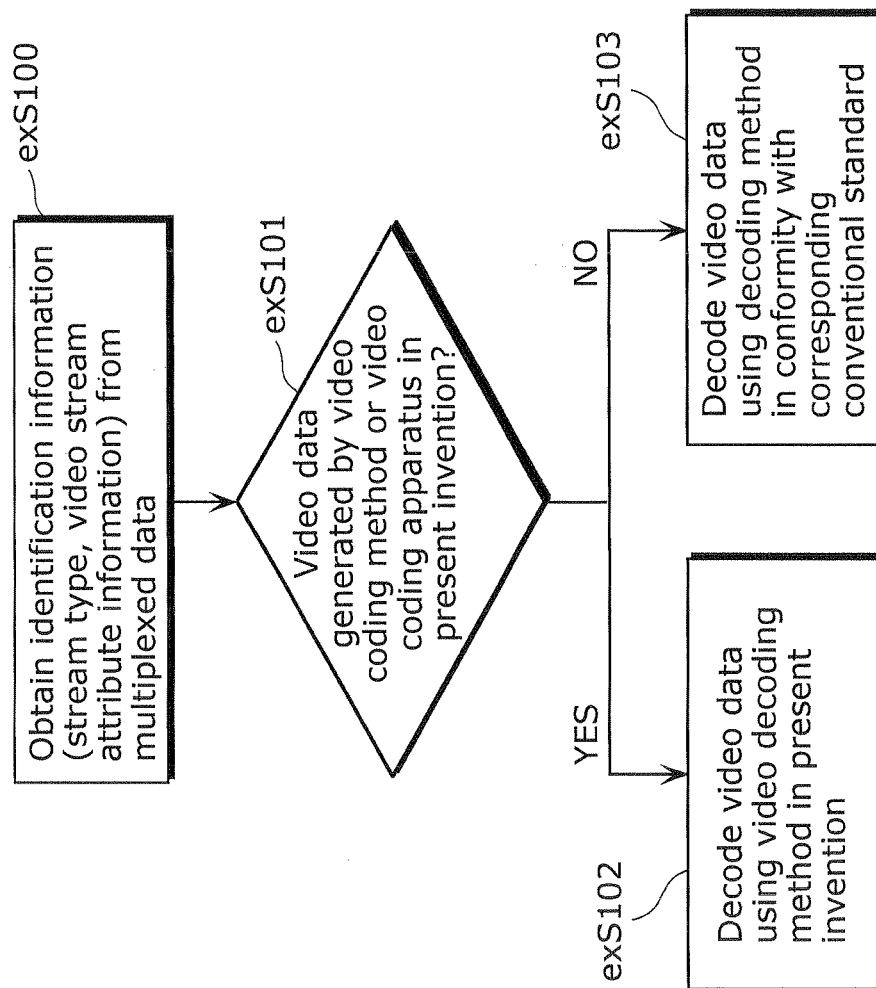


FIG. 42

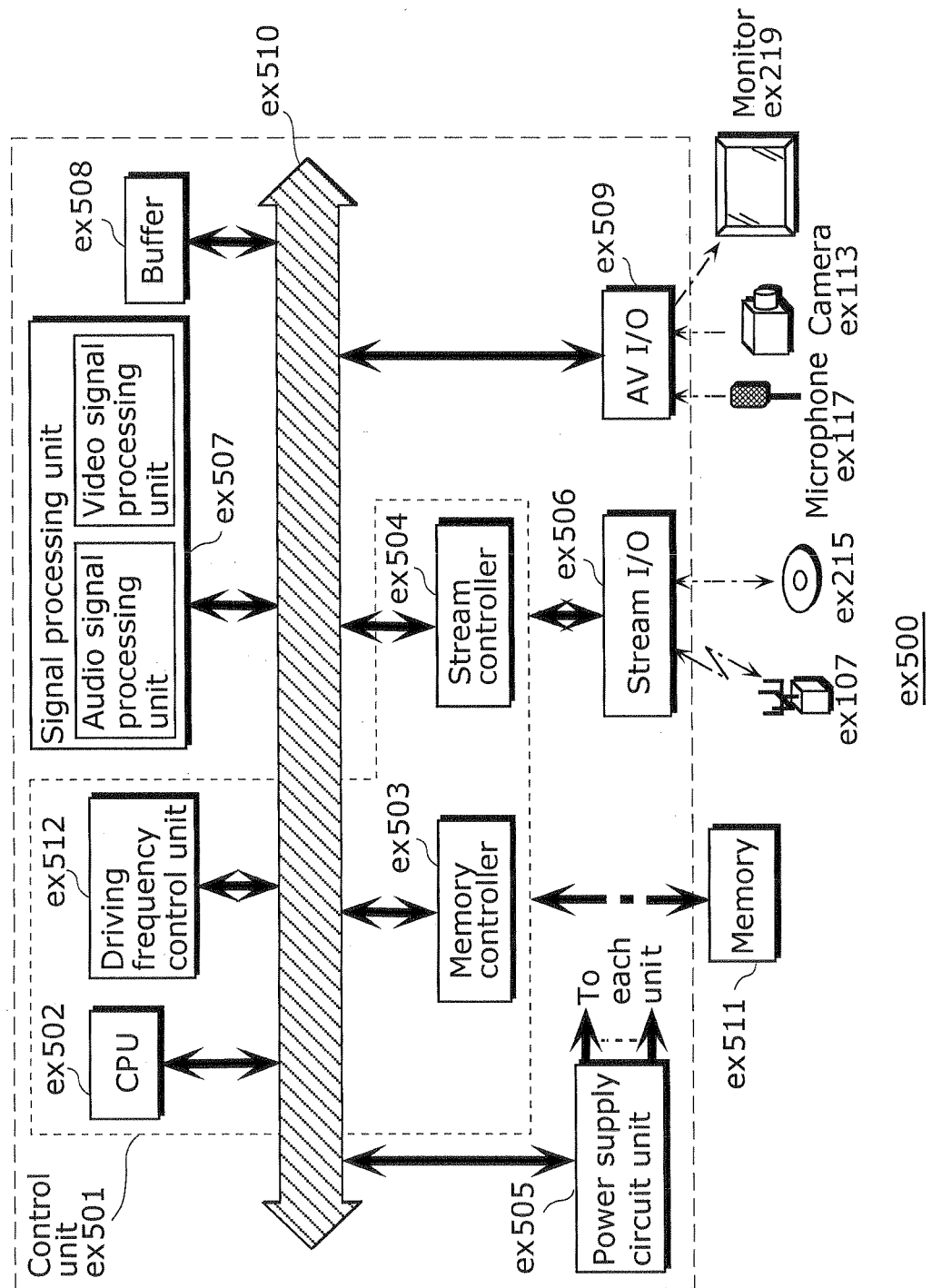


FIG. 43

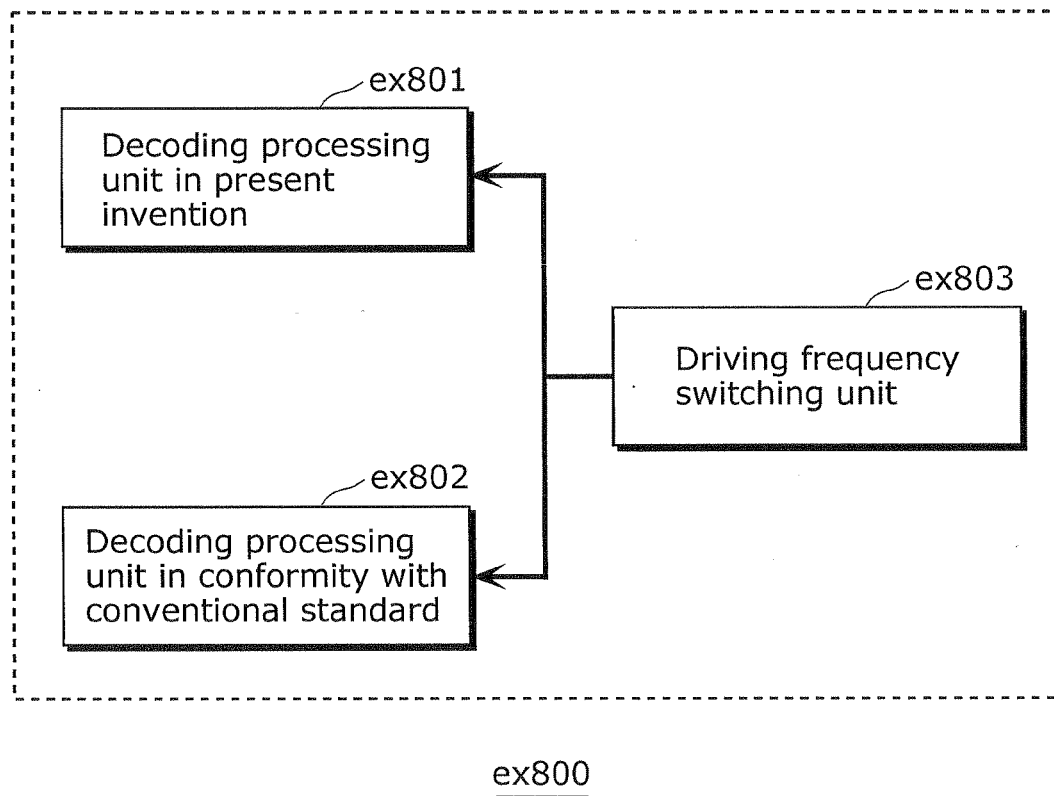


FIG. 44

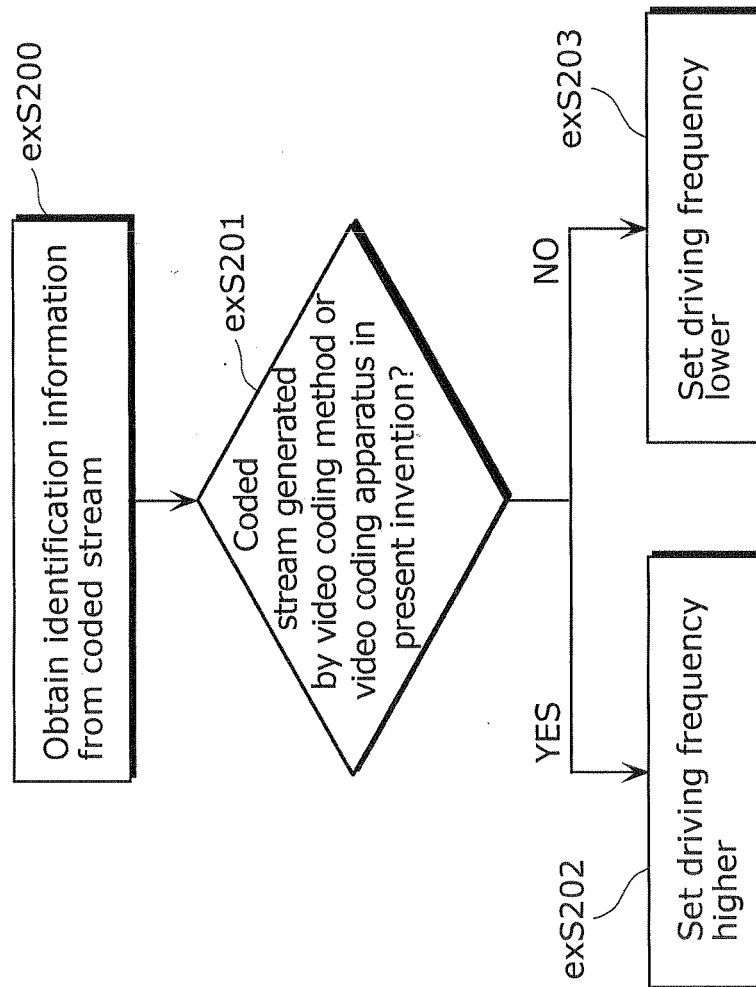


FIG. 45

| Corresponding<br>standard | Driving<br>frequency |
|---------------------------|----------------------|
| MPEG-4 AVC                | 500 MHz              |
| MPEG-2                    | 350 MHz              |
| ⋮                         | ⋮                    |

FIG. 46A

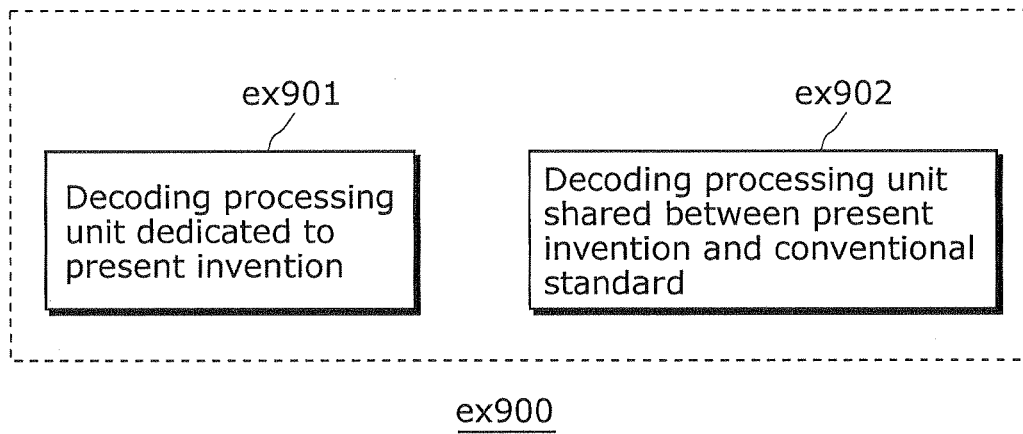


FIG. 46B

