

FIG. 1

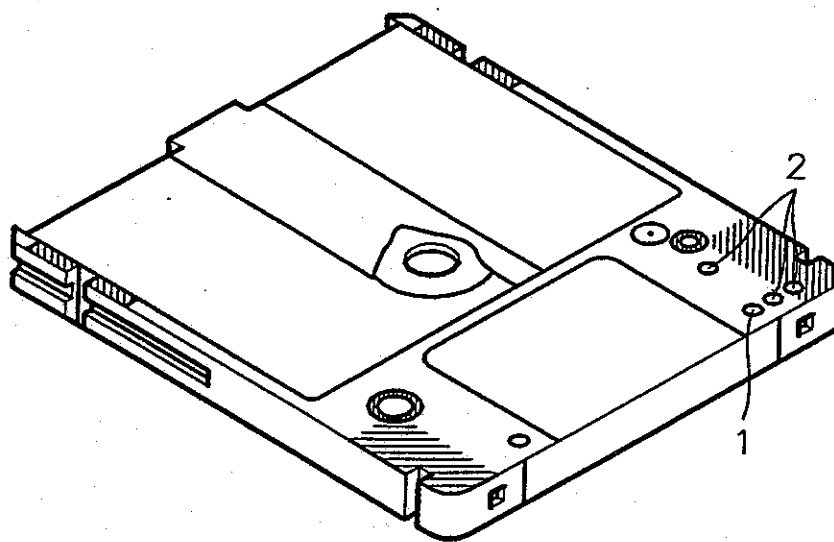


FIG. 2

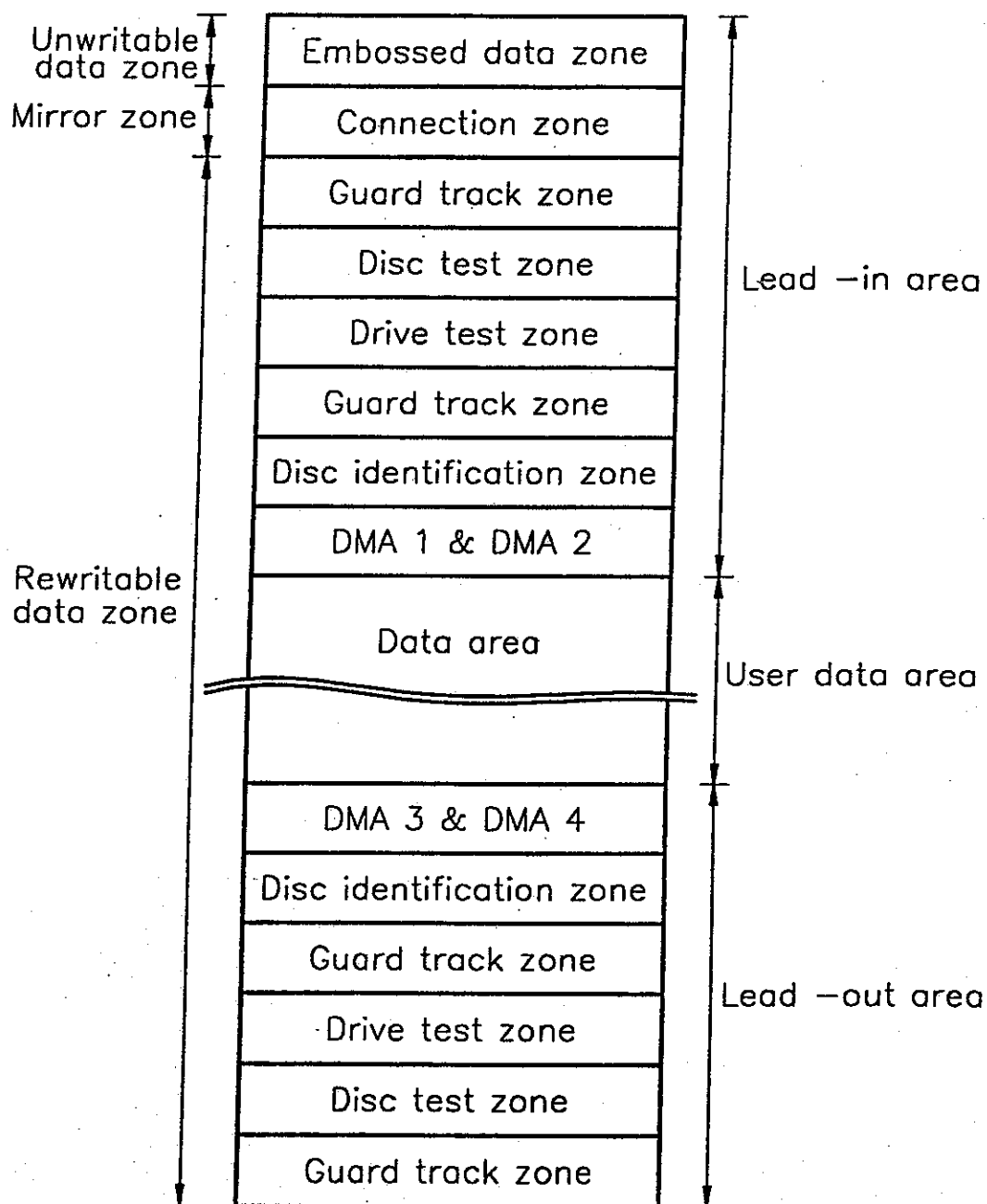


FIG. 3A

|            |    |    |    |          |    |                    |                                 |
|------------|----|----|----|----------|----|--------------------|---------------------------------|
| b7         | b6 | b5 | b4 | b3       | b2 | b1                 | b0                              |
| In Process |    |    |    | Reserved |    | User certification | Disc manufacturer certification |

FIG. 3B

|            |    |    |          |    |    |                    |          |
|------------|----|----|----------|----|----|--------------------|----------|
| b7         | b6 | b5 | b4       | b3 | b2 | b1                 | b0       |
| In Process |    |    | Reserved |    |    | User certification | Reserved |

FIG. 4A

|            |    |    |                       |          |    |                    |                                 |
|------------|----|----|-----------------------|----------|----|--------------------|---------------------------------|
| b7         | b6 | b5 | b4                    | b3       | b2 | b1                 | b0                              |
| In Process |    |    | Disc write protection | Reserved |    | User certification | Disc manufacturer certification |

FIG. 4B

|            |    |          |                        |          |    |                    |          |
|------------|----|----------|------------------------|----------|----|--------------------|----------|
| b7         | b6 | b5       | b4                     | b3       | b2 | b1                 | b0       |
| In Process |    | Reserved | Group write protection | Reserved |    | User certification | Reserved |

FIG. 5A

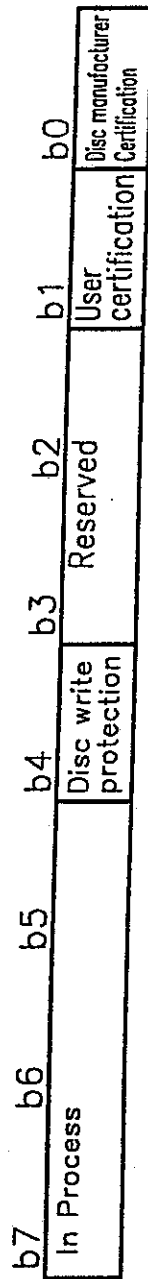
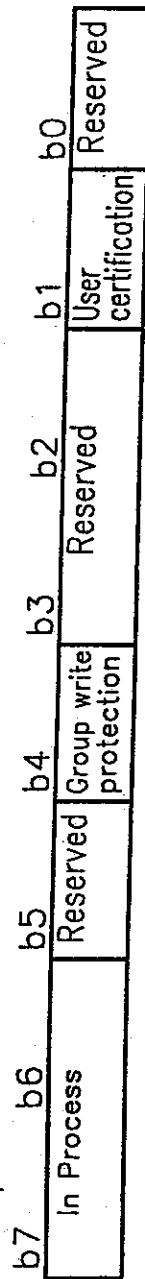


FIG. 5B



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FIG. 6

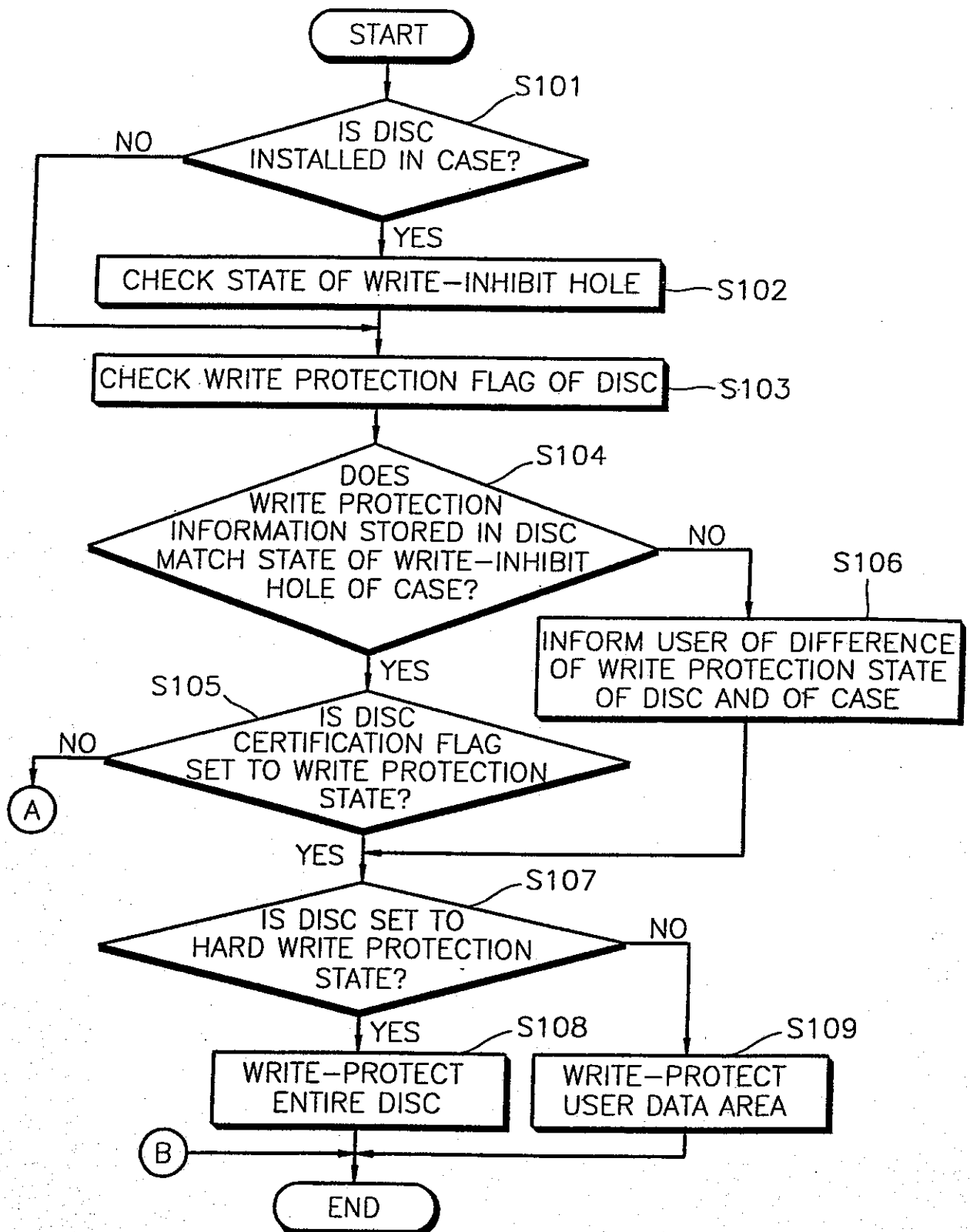


FIG. 6  
(CONTINUED)

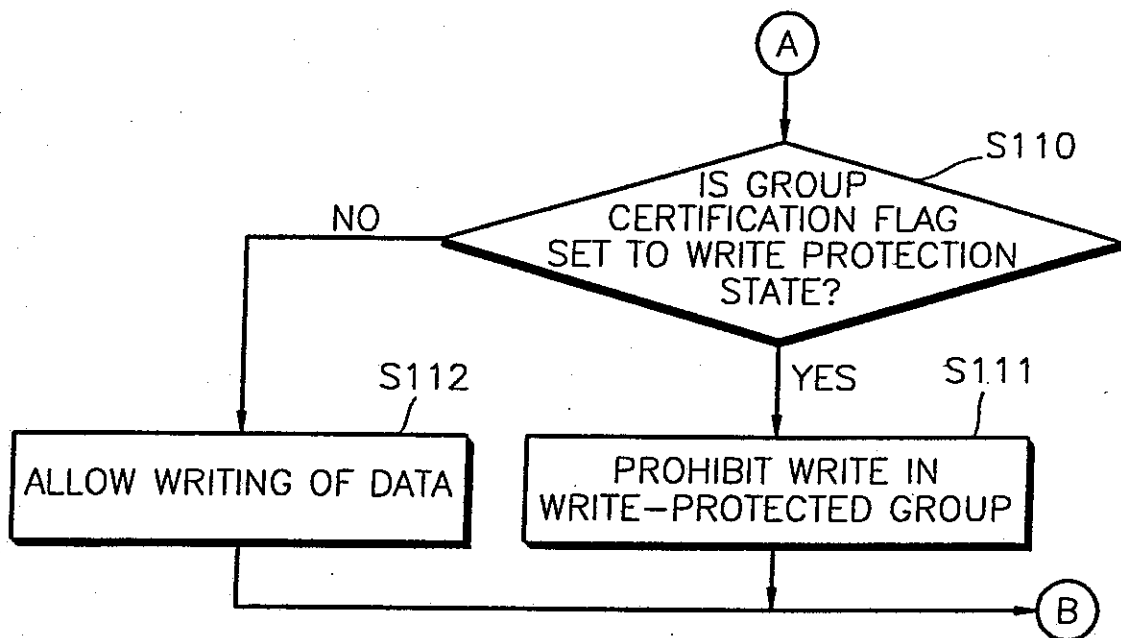


FIG. 7

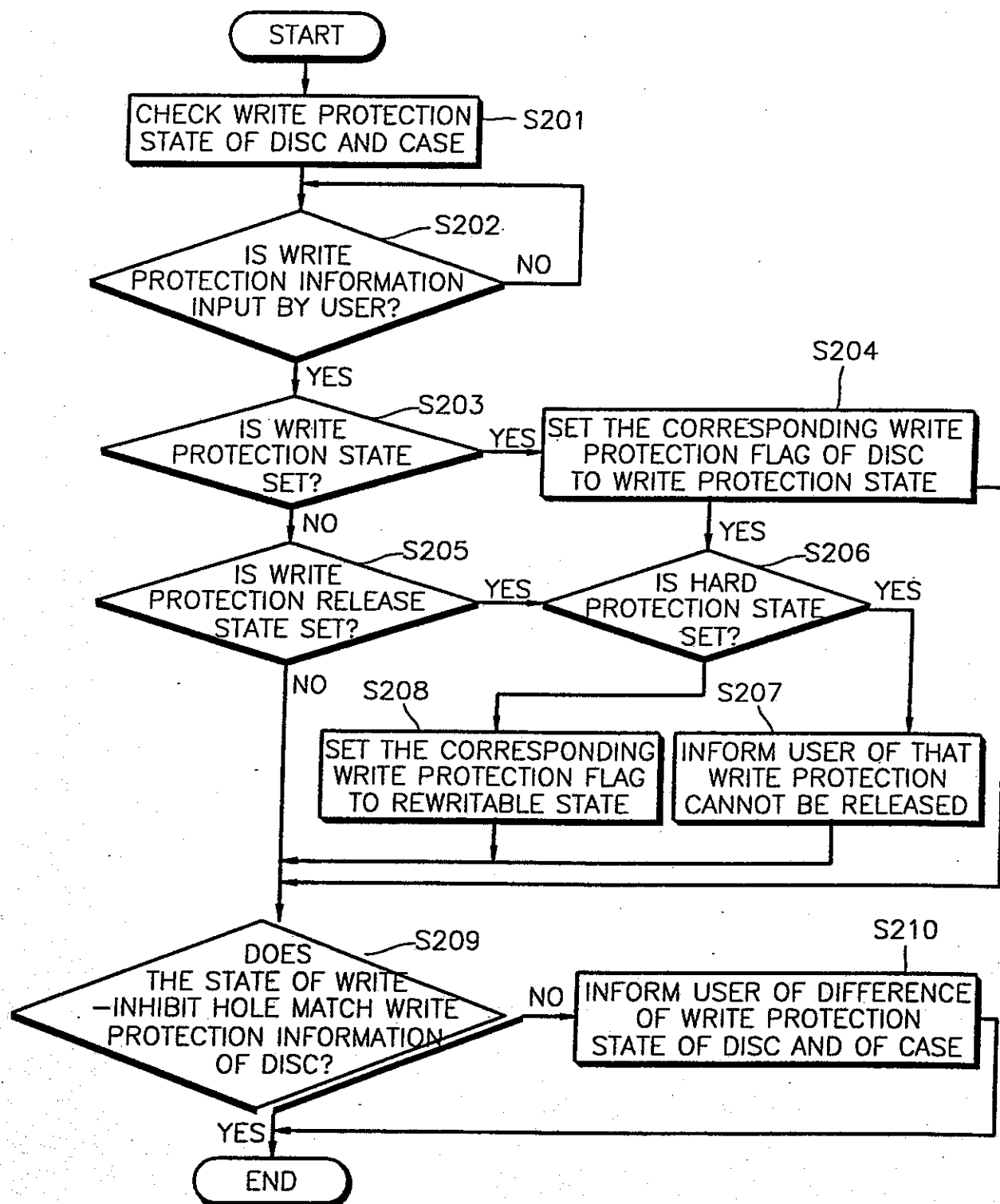


FIG. 8

|                                  |                      |
|----------------------------------|----------------------|
| Disc Identification Information1 | 30F00h<br>(1 block)  |
| Disc Identification Information2 | 30F10h<br>(1 block)  |
| Disc Identification Information3 | 30F20h<br>(1 block)  |
| Disc Identification Information4 | 30F30h<br>(1 block)  |
| Reserved                         | 30F40h<br>(4 blocks) |

FIG. 9

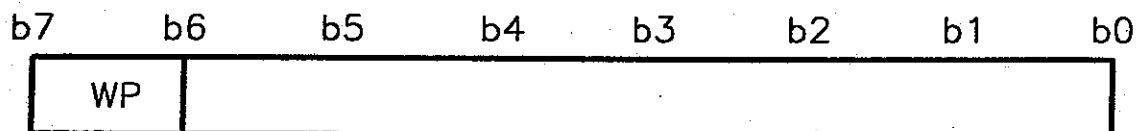
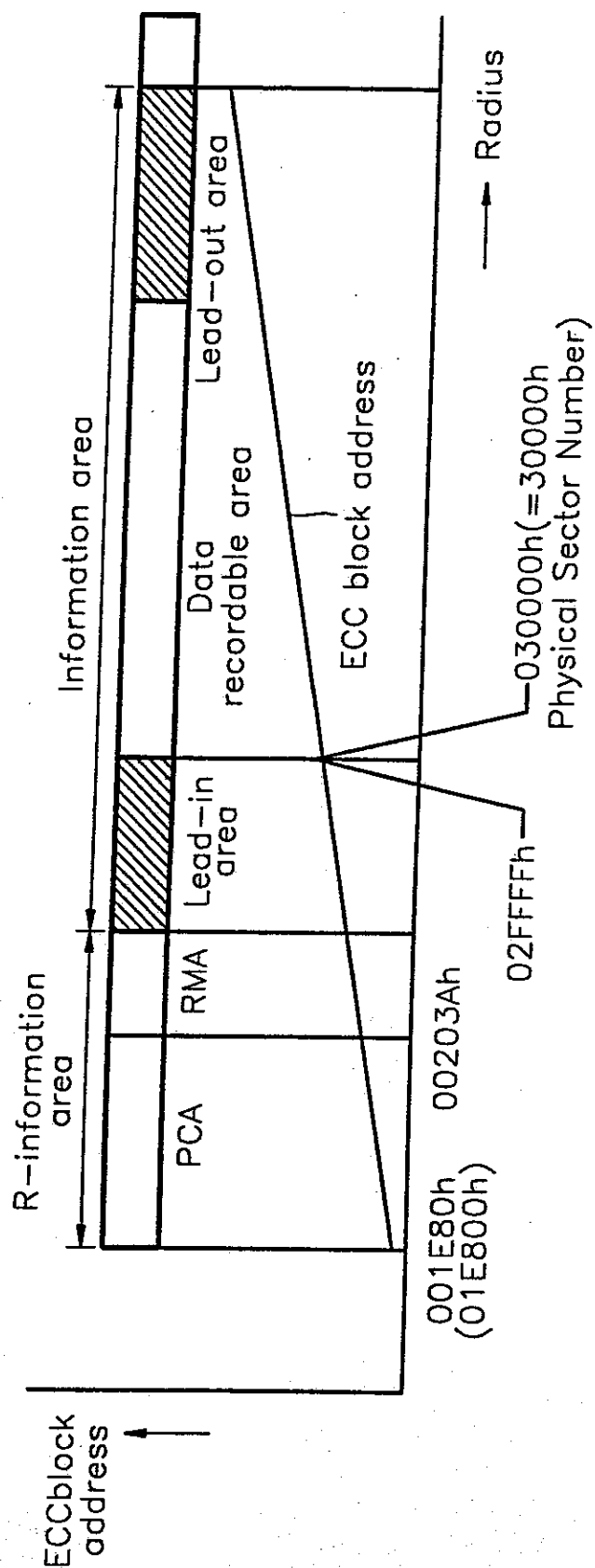


FIG. 10



|                          |                                             |
|--------------------------|---------------------------------------------|
| Initial zone<br>All 00h  | Sector number<br>022FA0h<br>(Lead-in start) |
| Reference code zone      | 02FA00h<br>(2 ECC blocks)                   |
| Buffer zone 1<br>All 00h | 02F020h<br>(30 ECC blocks)                  |
| Control data zone        | 02F200h<br>(192 ECC blocks)                 |
| Buffer zone 2<br>All 00h | 02FE00h<br>(32 ECC blocks)                  |
|                          | 02FFFFh                                     |

Relative sector address.

|    |                                |
|----|--------------------------------|
| 0  | Physical format information    |
| 1  | Disc manufacturing information |
| 2  | Reserved                       |
| 3  |                                |
| •  |                                |
| •  |                                |
| •  |                                |
| 15 |                                |

FIG. 13

| Sector # | RMD Field | DVD-R(Ver 1.9)              | DVD-RW                                                         |
|----------|-----------|-----------------------------|----------------------------------------------------------------|
| 0        |           | Linking-loss area           |                                                                |
| 1        | 0         | General information of disc |                                                                |
| 2        | 1         | OPC related information     |                                                                |
| 3        | 2         | User specific data          |                                                                |
| 4        | 3         | Border zone information     |                                                                |
| 5        | 4         | Rzone<br>information        | RZone information                                              |
| 6        | 5         |                             | Defect management<br>& certification<br>related<br>information |
| 7        | 6         |                             |                                                                |
| 8        | 7         |                             |                                                                |
| 9        | 8         |                             |                                                                |
| 10       | 9         |                             |                                                                |
| 11       | 10        |                             |                                                                |
| 12       | 11        |                             |                                                                |
| 13       | 12        |                             |                                                                |
| 14       | 13        | Reserved                    |                                                                |
| 15       | 14        |                             |                                                                |

FIG. 14

| BP         | Contents                    | Number of bytes |
|------------|-----------------------------|-----------------|
| 0,1        | RMD format                  | 2               |
| 2          | Disc status                 | 1               |
| 3          | Reserved                    | 1               |
| 4 to 21    | Unique disc identifier      | 18              |
| 22 to 85   | Copy of Pre-pit Information | 64              |
| 86 to 2047 | Reserved                    | 1962            |

FIG. 15

| BP         | Contents                    | Number of bytes |
|------------|-----------------------------|-----------------|
| 0,1        | RMD format                  | 2               |
| 2          | Disc status                 | 1               |
| 3          | Write protection flag       | 1               |
| 4 to 21    | Unique disc identifier      | 18              |
| 22 to 85   | Copy of Pre-pit Information | 64              |
| 86 to 2047 | Reserved                    | 1962            |

FIG. 16

