

FIG. 1 (PRIOR ART)

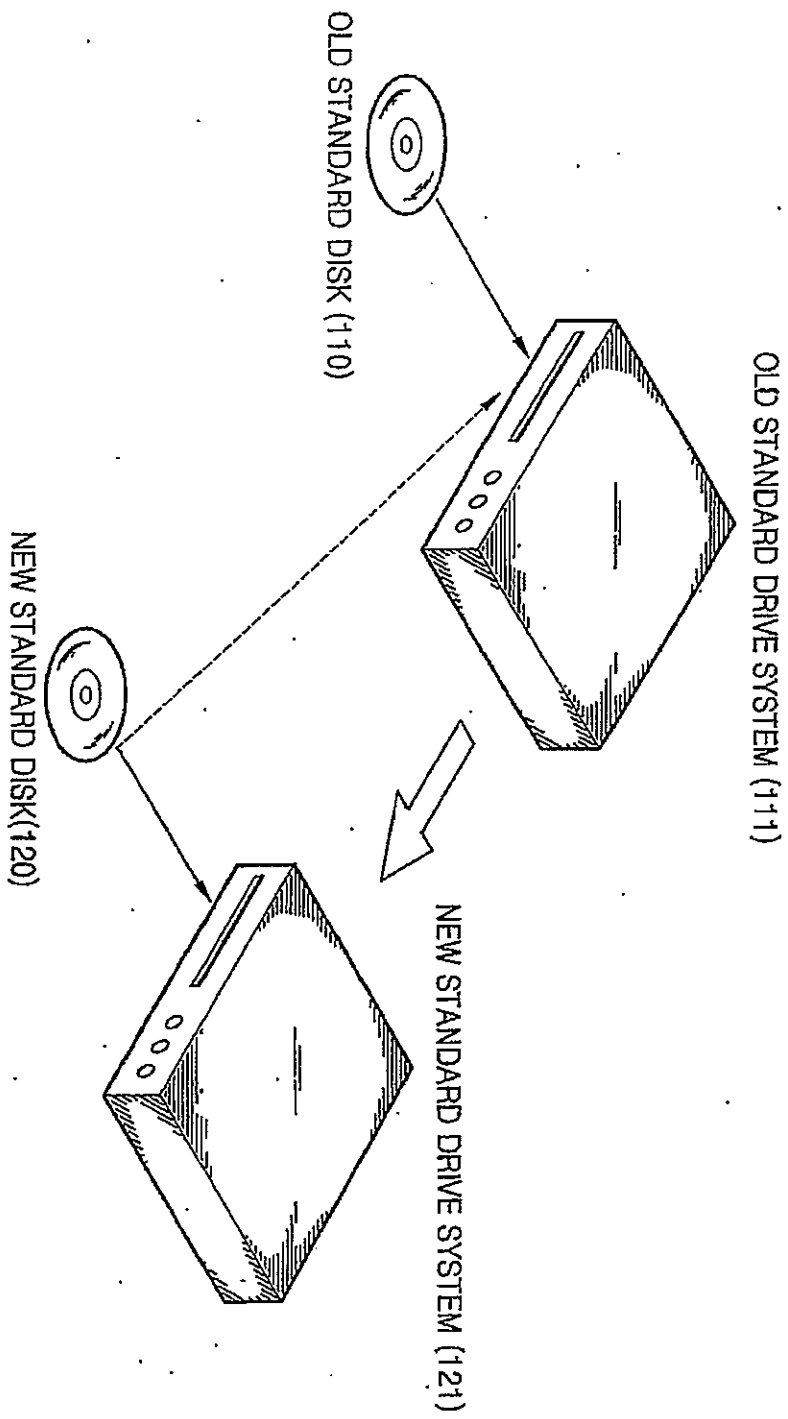


FIG. 2

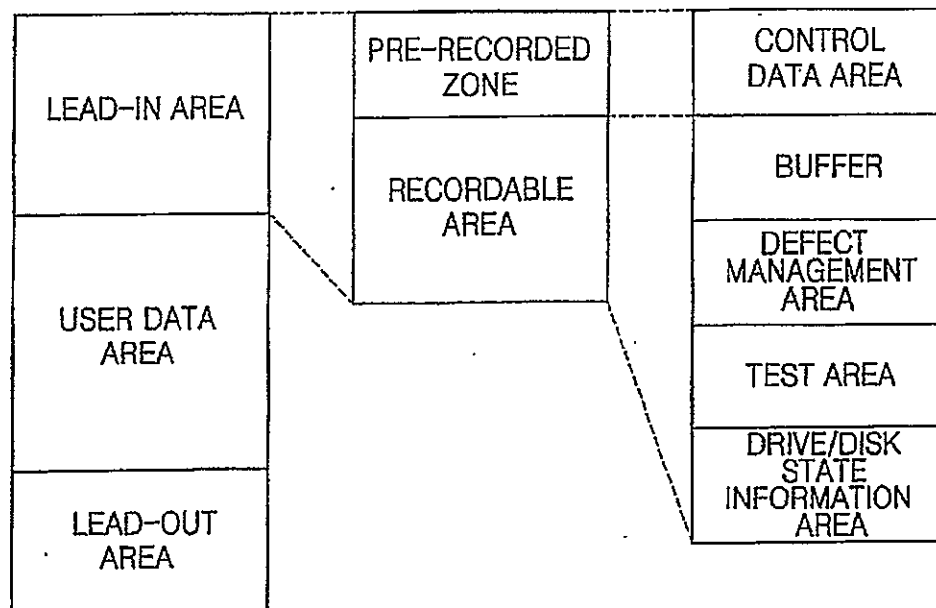


FIG. 3

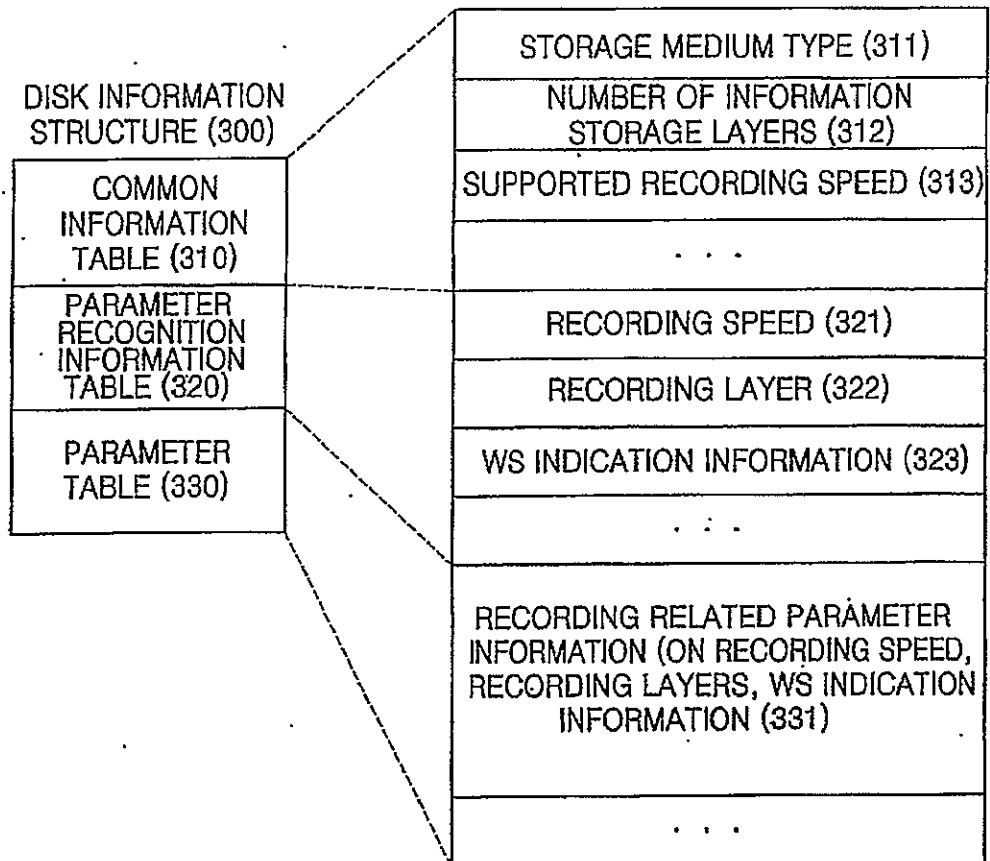


FIG. 4

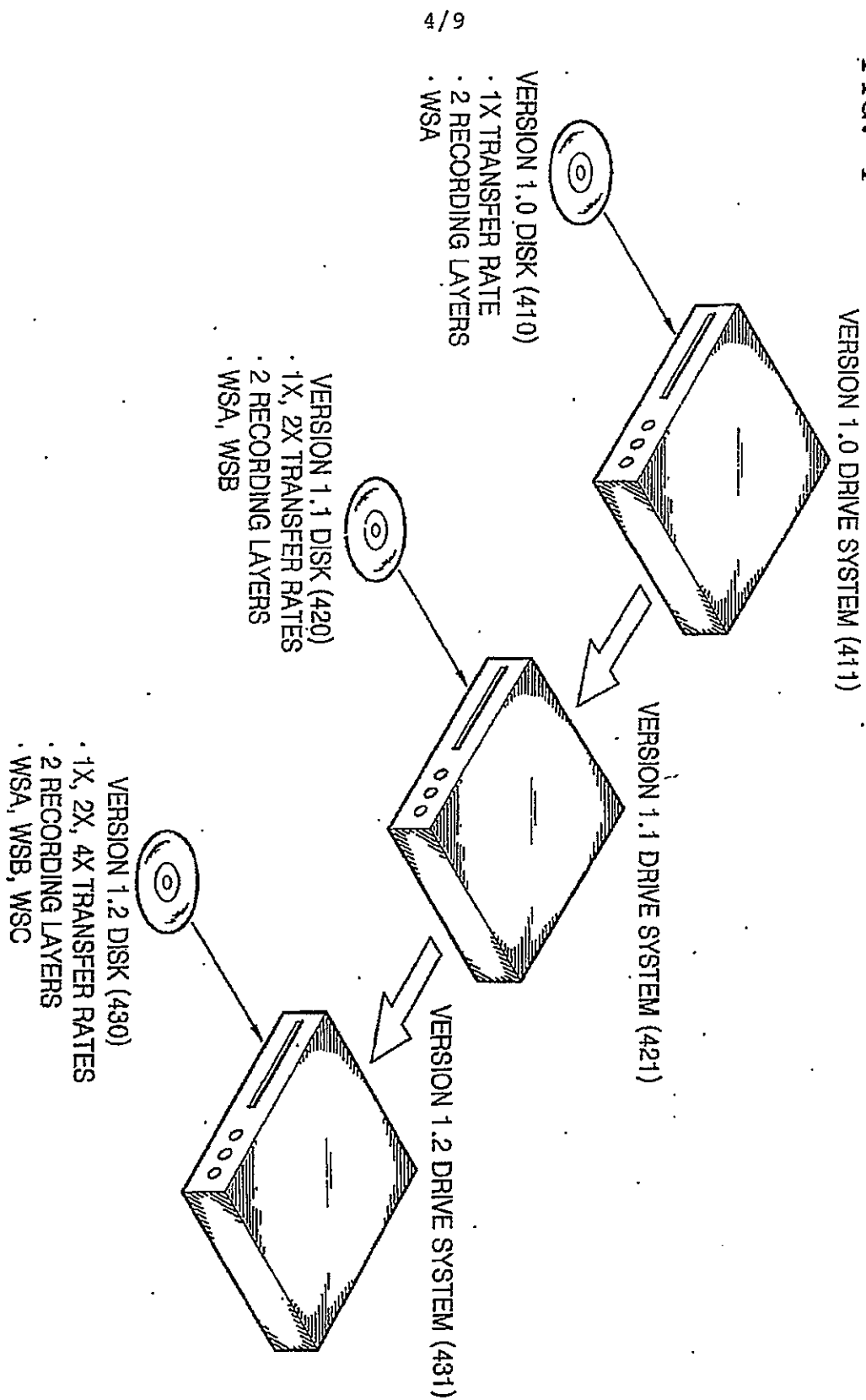


FIG. 5

|                                              |                                                        |                                                                                                                                              |
|----------------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| DISK<br>INFORMATION<br>STRUCTURE #1<br>(510) | COMMON<br>INFORMATION<br>TABLE<br>(511)                | (..., STORAGE MEDIUM TYPE, NUMBER<br>OF INFORMATION STORAGE LAYERS,<br>SUPPORTED RECORDING SPEED, ...)<br>=(..., RE-WRITING, 2, 1, ...)      |
|                                              | PARAMETER<br>RECOGNITION<br>INFORMATION<br>TABLE (512) | (..., RECORDING SPEED, RECORDING<br>LAYER, WS INDICATION<br>INFORMATION, ...) = (1,1,1)                                                      |
|                                              | PARAMETER<br>TABLE (513)                               | ...<br>(..., RECORDING SPEED, RECORDING<br>LAYER, WS INDICATION INFORMATION, ...)<br>= RECORDING RELATED PARAMETER<br>INFORMATION ON (1,1,1) |
| DISK<br>INFORMATION<br>STRUCTURE #2<br>(520) | COMMON<br>INFORMATION<br>TABLE (521)                   | (..., STORAGE MEDIUM TYPE, NUMBER<br>OF INFORMATION STORAGE LAYERS,<br>SUPPORTED RECORDING SPEED, ...)<br>=(..., RE-WRITING, 2, 1, ...)      |
|                                              | PARAMETER<br>RECOGNITION<br>INFORMATION<br>TABLE (522) | (..., RECORDING SPEED, RECORDING<br>LAYER, WS INDICATION<br>INFORMATION, ...) = (1,2,1)                                                      |
|                                              | PARAMETER<br>TABLE (523)                               | ...<br>(..., RECORDING SPEED, RECORDING<br>LAYER, WS INDICATION INFORMATION, ...)<br>= RECORDING RELATED PARAMETER<br>INFORMATION ON (1,2,1) |

FIG. 6

|                                                     |                                                        |                                                             |
|-----------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------|
| FIRST DISK<br>INFORMATION<br>STRUCTURE #1<br>(610)  | ...                                                    |                                                             |
|                                                     | PARAMETER<br>RECOGNITION<br>INFORMATION<br>TABLE (611) | $P = (1, 1, 1)$                                             |
|                                                     | PARAMETER<br>TABLE (612)                               | RECORDING RELATED PARAMETER<br>INFORMATION ON $P=(1, 1, 1)$ |
| SECOND DISK<br>INFORMATION<br>STRUCTURE #2<br>(620) | ...                                                    |                                                             |
|                                                     | PARAMETER<br>RECOGNITION<br>INFORMATION<br>TABLE (621) | $P = (1, 2, 1)$                                             |
|                                                     | PARAMETER<br>TABLE (622)                               | RECORDING RELATED PARAMETER<br>INFORMATION ON $P=(1, 2, 1)$ |
| THIRD DISK<br>INFORMATION<br>STRUCTURE #3<br>(630)  | ...                                                    |                                                             |
|                                                     | PARAMETER<br>RECOGNITION<br>INFORMATION<br>TABLE (631) | $P = (2, 1, 2)$                                             |
|                                                     | PARAMETER<br>TABLE (632)                               | RECORDING RELATED PARAMETER<br>INFORMATION ON $P=(2, 1, 2)$ |
| FOURTH DISK<br>INFORMATION<br>STRUCTURE #4<br>(640) | ...                                                    |                                                             |
|                                                     | PARAMETER<br>RECOGNITION<br>INFORMATION<br>TABLE (641) | $P = (2, 2, 2)$                                             |
|                                                     | PARAMETER<br>TABLE (642)                               | RECORDING RELATED PARAMETER<br>INFORMATION ON $P=(2, 2, 2)$ |

FIG. 7

|                                              |                                                  |                                                             |
|----------------------------------------------|--------------------------------------------------|-------------------------------------------------------------|
| DISK<br>INFORMATION<br>STRUCTURE #1<br>(710) | PARAMETER RECOGNITION<br>INFORMATION TABLE (711) | $P = (1, 1, 1)$                                             |
|                                              | PARAMETER<br>TABLE (712)                         | RECORDING RELATED PARAMETER<br>INFORMATION ON $P=(1, 1, 1)$ |
| DISK<br>INFORMATION<br>STRUCTURE #2<br>(720) | PARAMETER RECOGNITION<br>INFORMATION TABLE (721) | $P = (1, 2, 1)$                                             |
|                                              | PARAMETER<br>TABLE (722)                         | RECORDING RELATED PARAMETER<br>INFORMATION ON $P=(1, 2, 1)$ |
| DISK<br>INFORMATION<br>STRUCTURE #3<br>(730) | PARAMETER RECOGNITION<br>INFORMATION TABLE (731) | $P = (2, 1, 2)$                                             |
|                                              | PARAMETER<br>TABLE (732)                         | RECORDING RELATED PARAMETER<br>INFORMATION ON $P=(2, 1, 2)$ |
| DISK<br>INFORMATION<br>STRUCTURE #4<br>(740) | PARAMETER RECOGNITION<br>INFORMATION TABLE (741) | $P = (2, 2, 2)$                                             |
|                                              | PARAMETER<br>TABLE (742)                         | RECORDING RELATED PARAMETER<br>INFORMATION ON $P=(2, 2, 2)$ |
| DISK<br>INFORMATION<br>STRUCTURE #5<br>(750) | PARAMETER RECOGNITION<br>INFORMATION TABLE (751) | $P = (2, 1, 3)$                                             |
|                                              | PARAMETER<br>TABLE (752)                         | RECORDING RELATED PARAMETER<br>INFORMATION ON $P=(2, 1, 3)$ |
| DISK<br>INFORMATION<br>STRUCTURE #6<br>(760) | PARAMETER RECOGNITION<br>INFORMATION TABLE (761) | $P = (2, 2, 3)$                                             |
|                                              | PARAMETER<br>TABLE (762)                         | RECORDING RELATED PARAMETER<br>INFORMATION ON $P=(2, 2, 3)$ |
| DISK<br>INFORMATION<br>STRUCTURE #7<br>(770) | PARAMETER RECOGNITION<br>INFORMATION TABLE (771) | $P = (4, 1, 3)$                                             |
|                                              | PARAMETER<br>TABLE (772)                         | RECORDING RELATED PARAMETER<br>INFORMATION ON $P=(4, 1, 3)$ |
| DISK<br>INFORMATION<br>STRUCTURE #8<br>(780) | PARAMETER RECOGNITION<br>INFORMATION TABLE (781) | $P = (4, 2, 3)$                                             |
|                                              | PARAMETER<br>TABLE (782)                         | RECORDING RELATED PARAMETER<br>INFORMATION ON $P=(4, 2, 3)$ |

FIG. 8

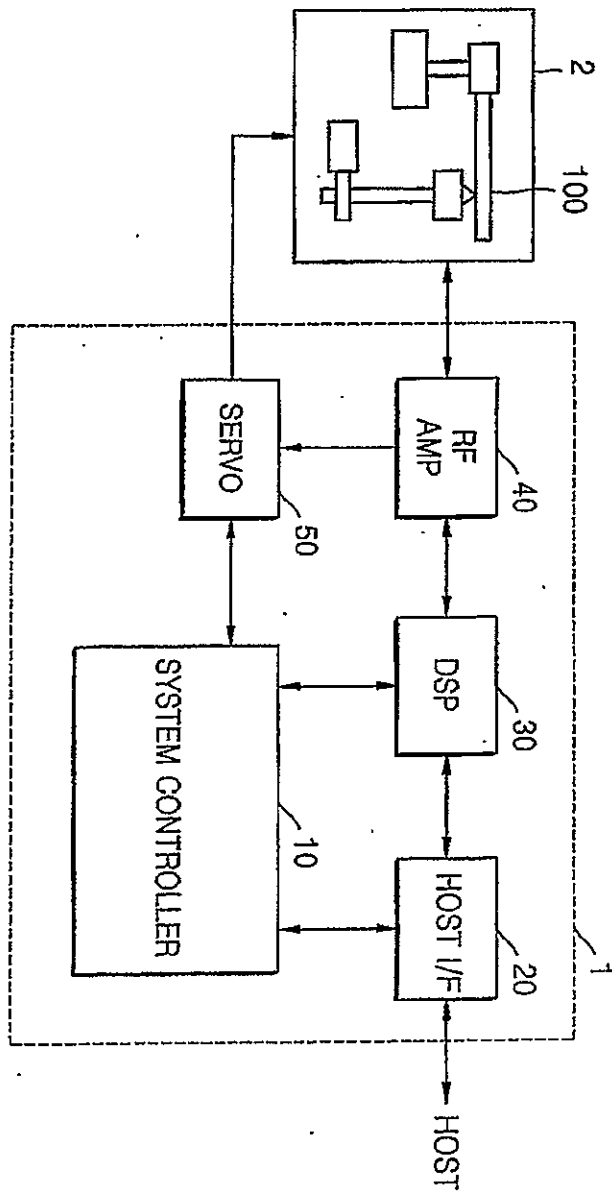


FIG. 9

