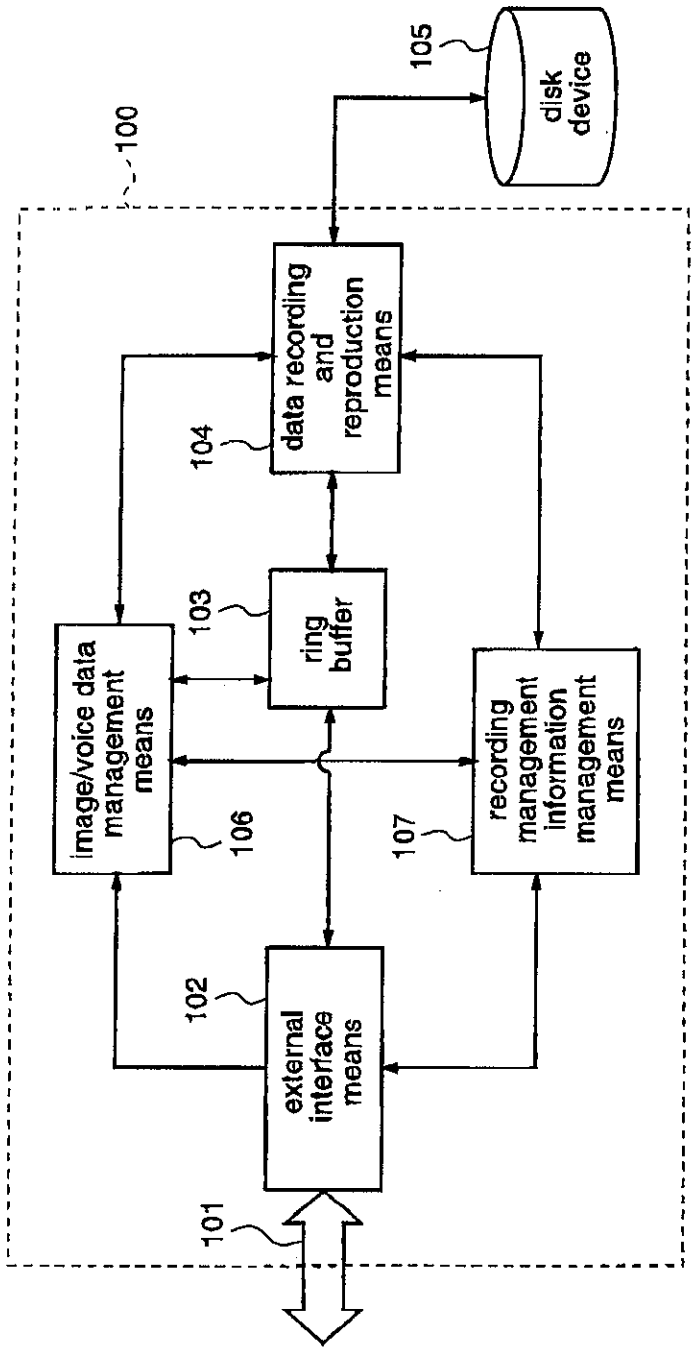
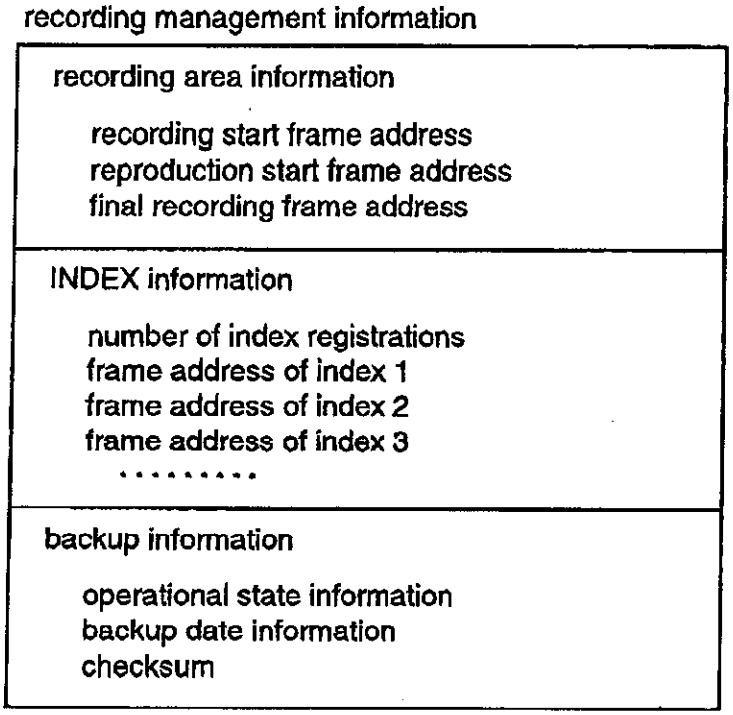

100
101
102
103
104
105
106
107
disk device
data recording and reproduction means
ring buffer
image/voice data management means
recording management information means
external interface means

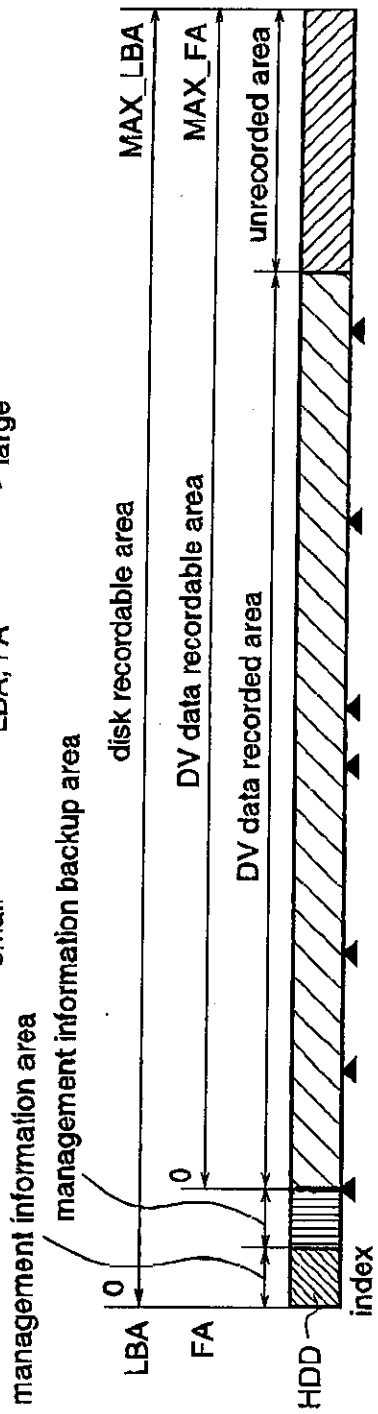
Fig.1

Fig.2


recording management information
recording area information
recording start frame address
reproduction start frame address
final recording frame address
INDEX information
number of index registrations
frame address of index 1
frame address of index 2
frame address of index 3
backup information
operational state information
backup date information
checksum

20 OCT 2004

Fig.3



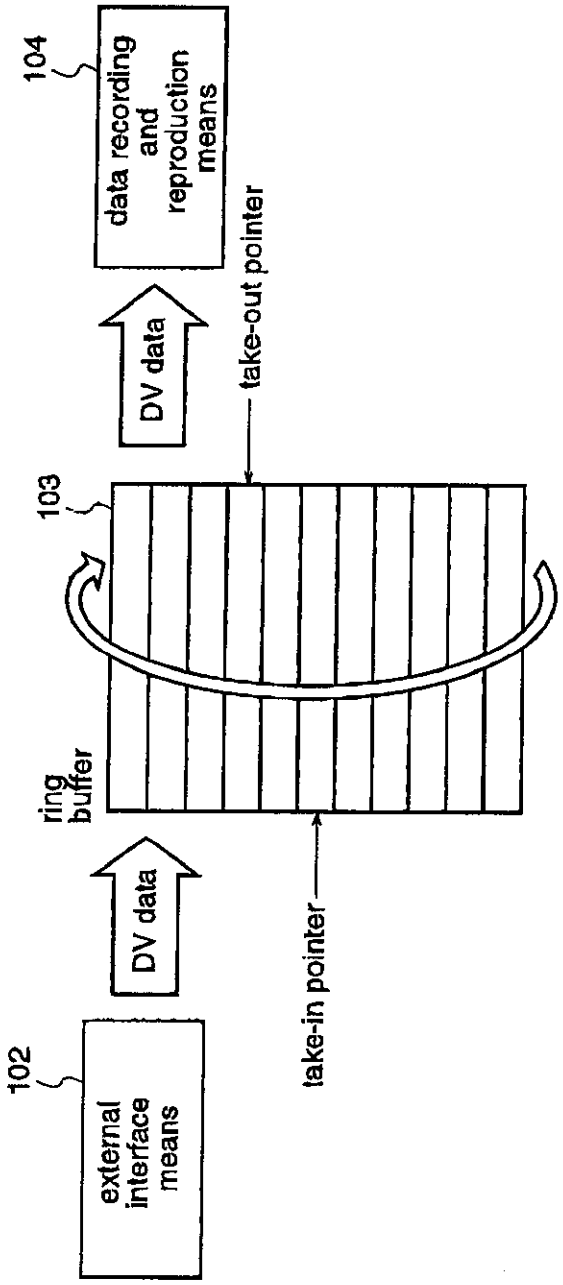
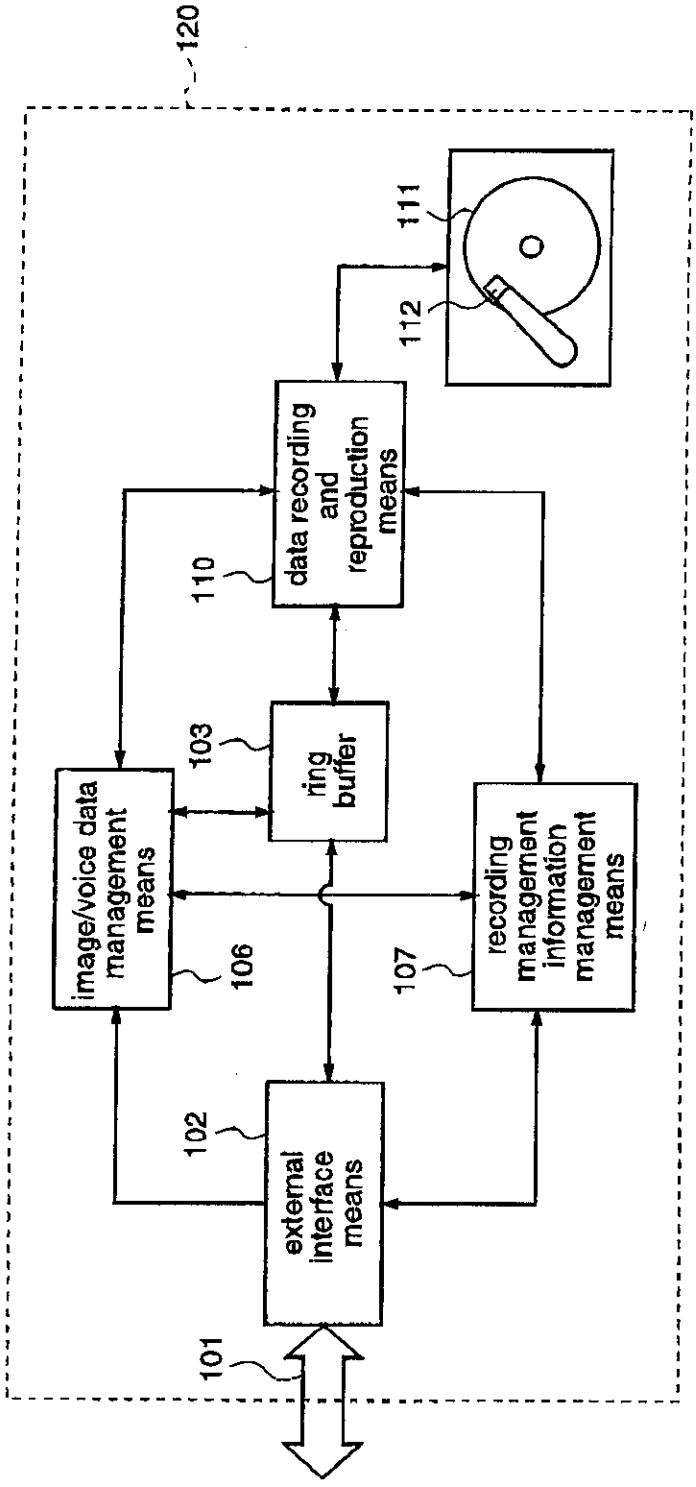

104
data recording and reproduction means
DV data
take-out pointer
103
ring buffer
DV data
take-in pointer
102
external interface means

Fig.4

Fig.5


120
111
112
data recording and reproduction means
110
ring buffer
103
image/voice data management means
106
recording management information management means
107
external interface means
102
101

20 OCT 2004

Fig.6

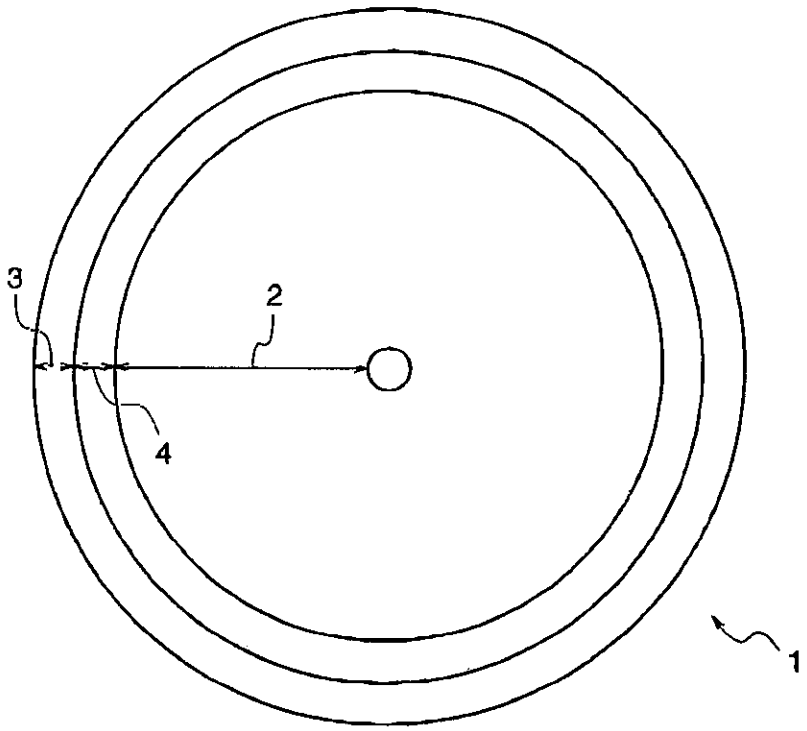


Fig.7

recording management information

recording area information recording start frame address reproduction start frame address final recording frame address
INDEX information number of index registrations frame address of index 1 frame address of index 2 frame address of index 3 •••••••••