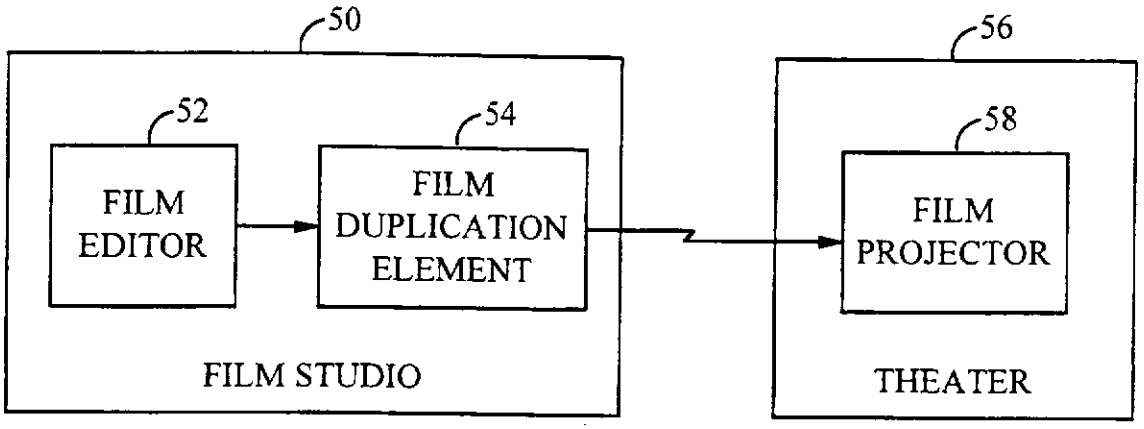


(PRIOR ART)

FIG. 1

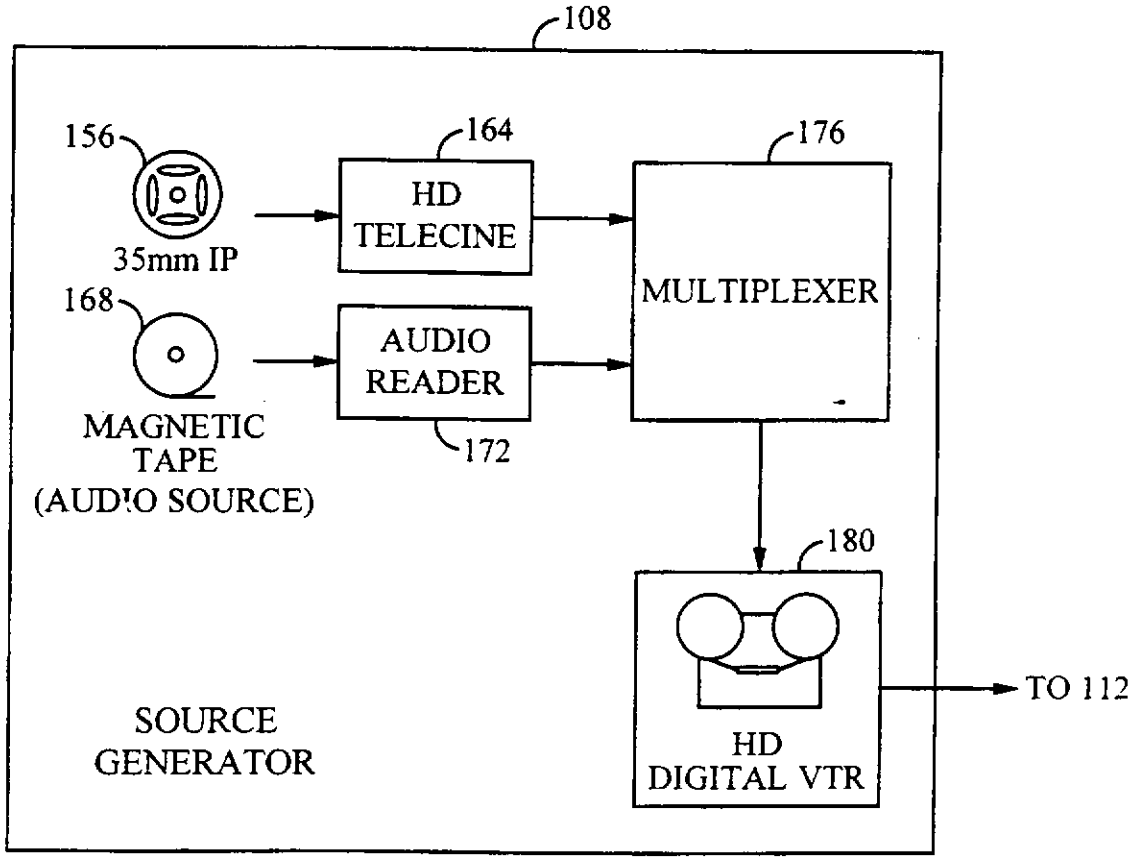


FIG. 3

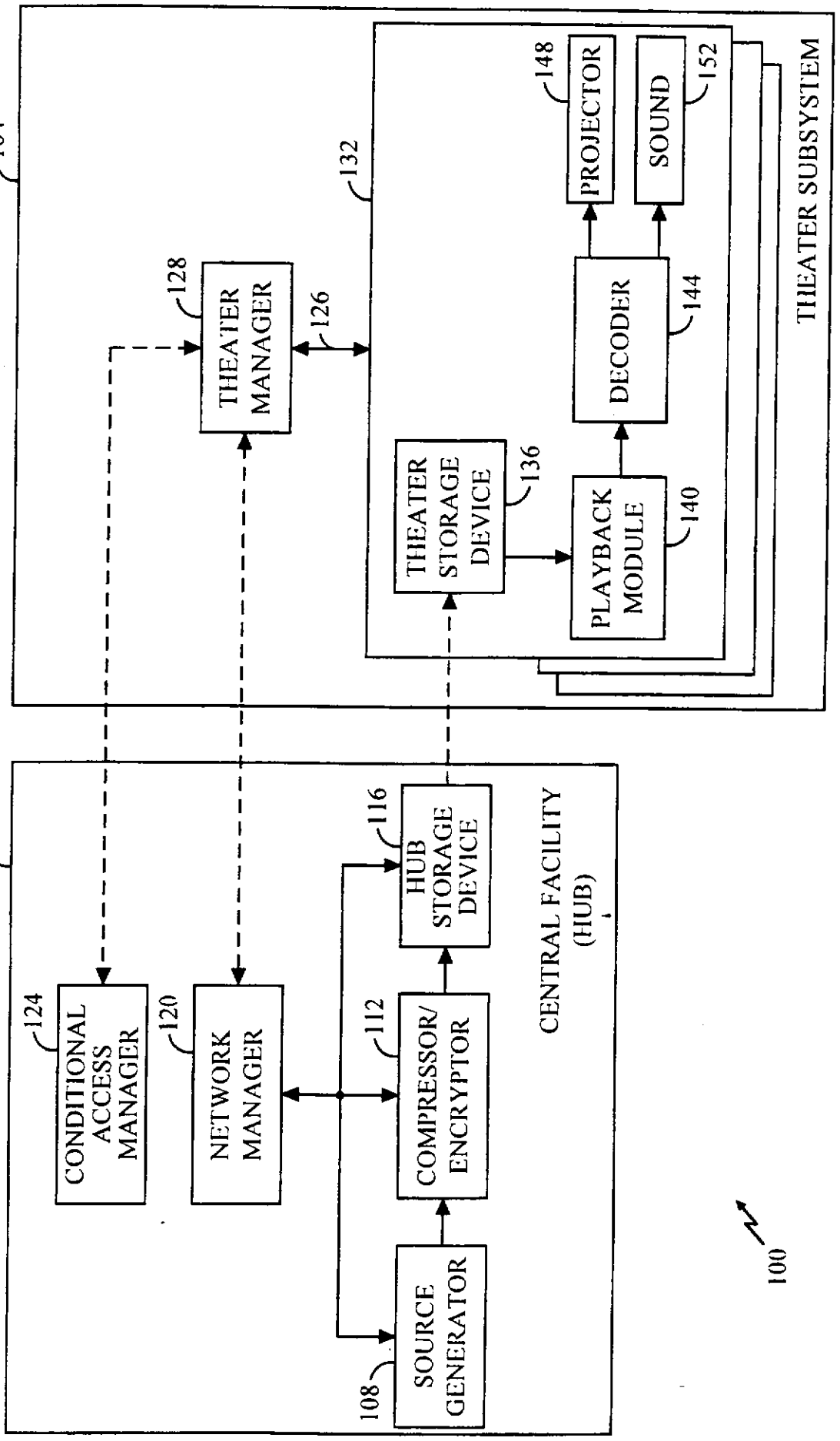

100
102
CENTRAL FACILITY (HUB)
104
THEATER SUBSYSTEM
108
SOURCE GENERATOR
112
COMPRESSOR/ ENCRYPTOR
116
HUB STORAGE DEVICE
120
NETWORK MANAGER
124
CONDITIONAL ACCESS MANAGER
126
128
THEATER MANAGER
132
136
THEATER STORAGE DEVICE
140
PLAYBACK MODULE
144
DECODER
148
PROJECTOR
152
SOUND

FIG. 2

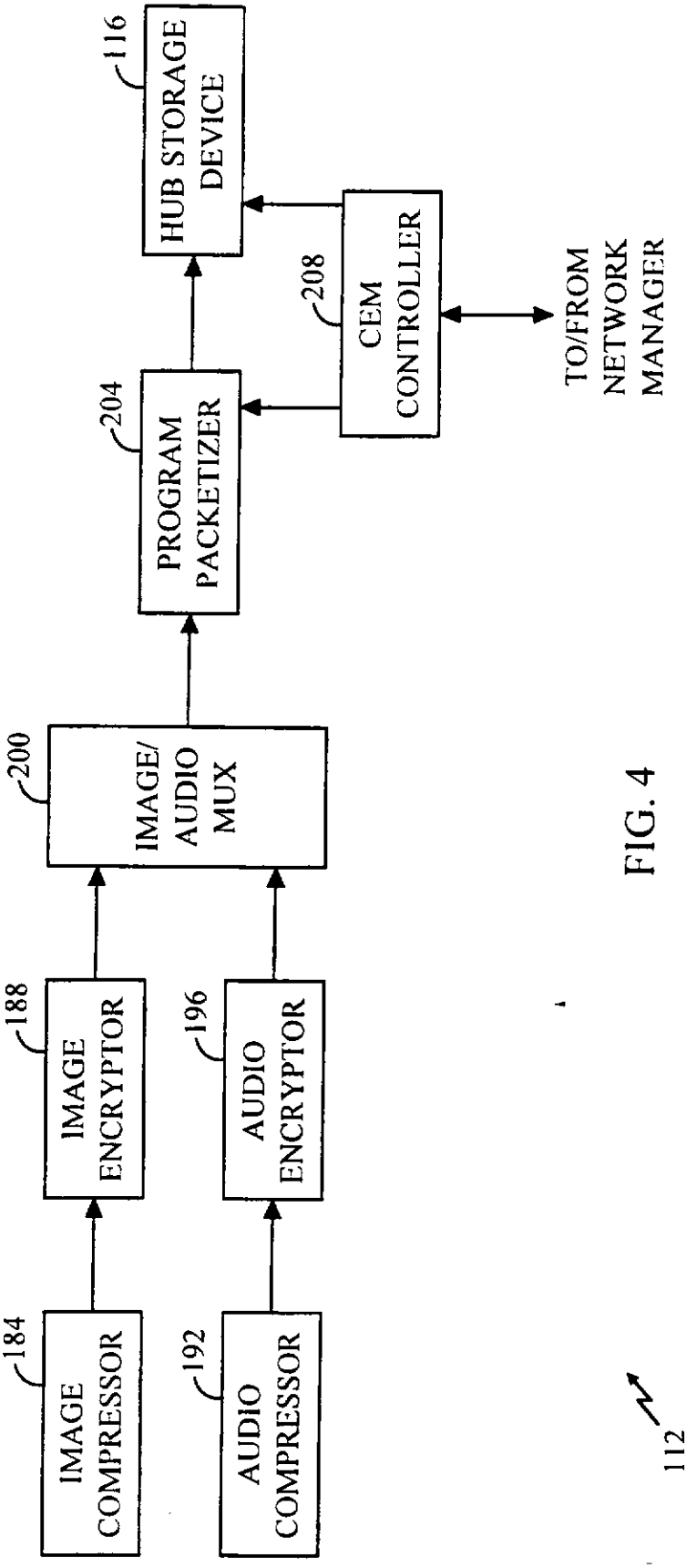

112
IMAGE COMPRESSOR
184
AUDIO COMPRESSOR
192
IMAGE ENCRYPTOR
188
AUDIO ENCRYPTOR
196
IMAGE/ AUDIO MUX
200
PROGRAM PACKETIZER
204
CEM CONTROLLER
208
HUB STORAGE DEVICE
116
TO/FROM NETWORK MANAGER

FIG. 4

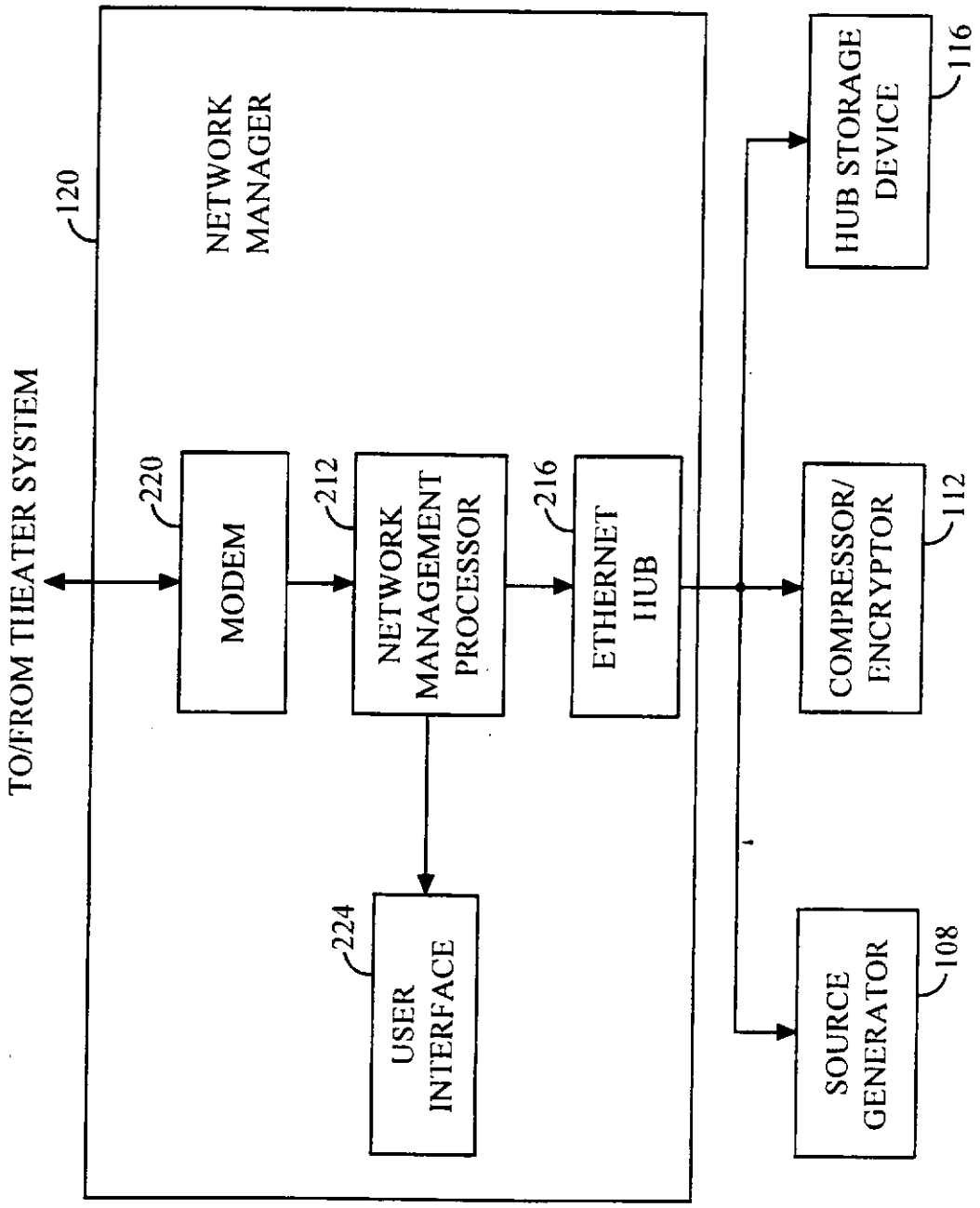

TO/FROM THEATER SYSTEM
120
NETWORK MANAGER
220
MODEM
212
NETWORK MANAGEMENT PROCESSOR
216
ETHERNET HUB
224
USER INTERFACE
HUB STORAGE DEVICE
116
COMPRESSOR/ ENCRYPTOR
112
SOURCE GENERATOR
108

FIG. 5

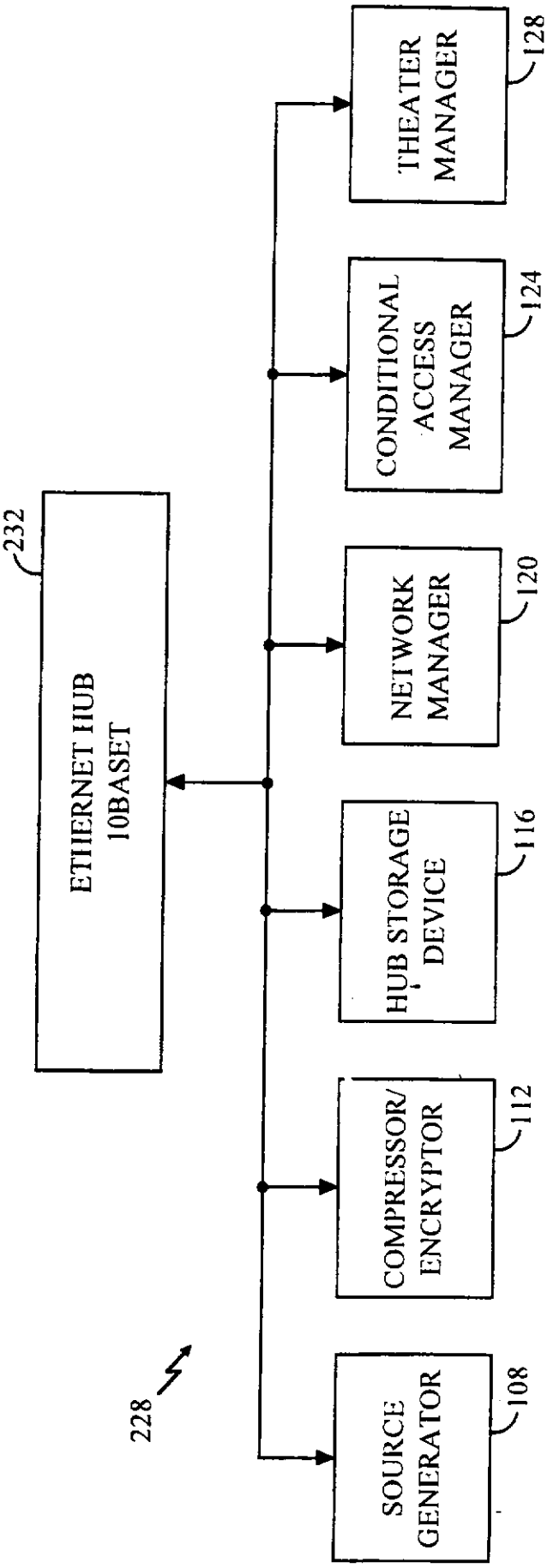

ETHERNET HUB
10BASET
232
228
SOURCE GENERATOR
108
COMPRESSOR/ ENCRYPTOR
112
HUB STORAGE DEVICE
116
NETWORK MANAGER
120
CONDITIONAL ACCESS MANAGER
124
THEATER MANAGER
128

FIG. 6

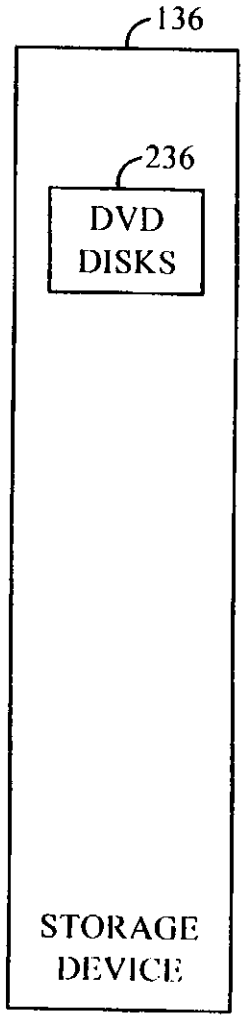


FIG. 7A

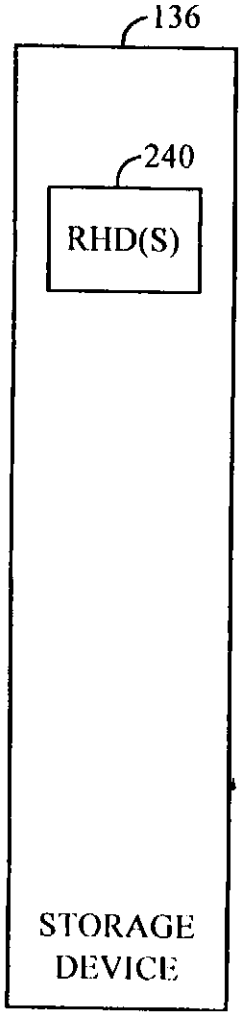


FIG. 7B

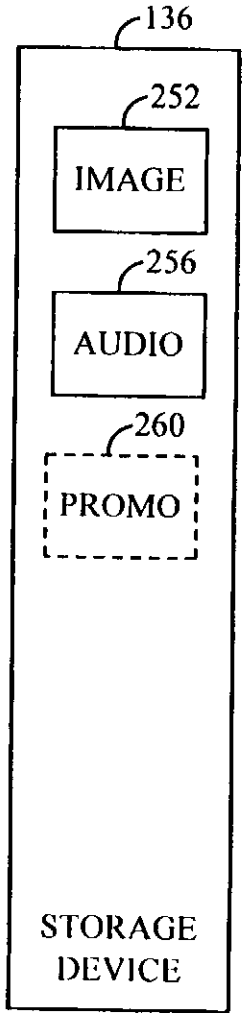


FIG. 7C

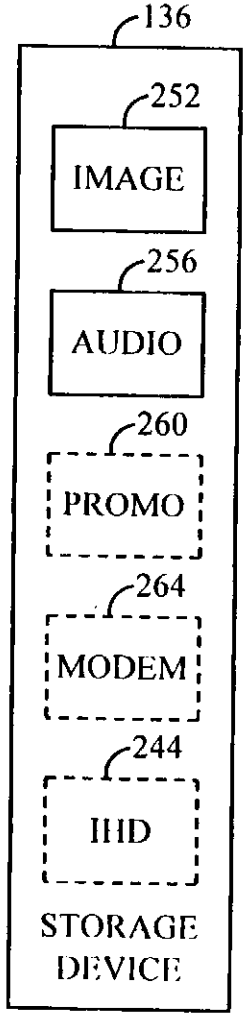


FIG. 7D

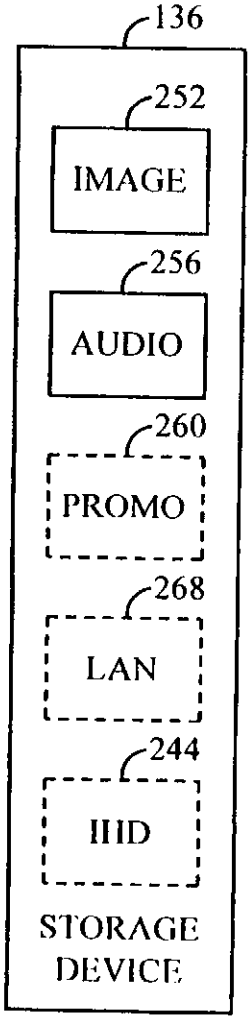


FIG. 7E

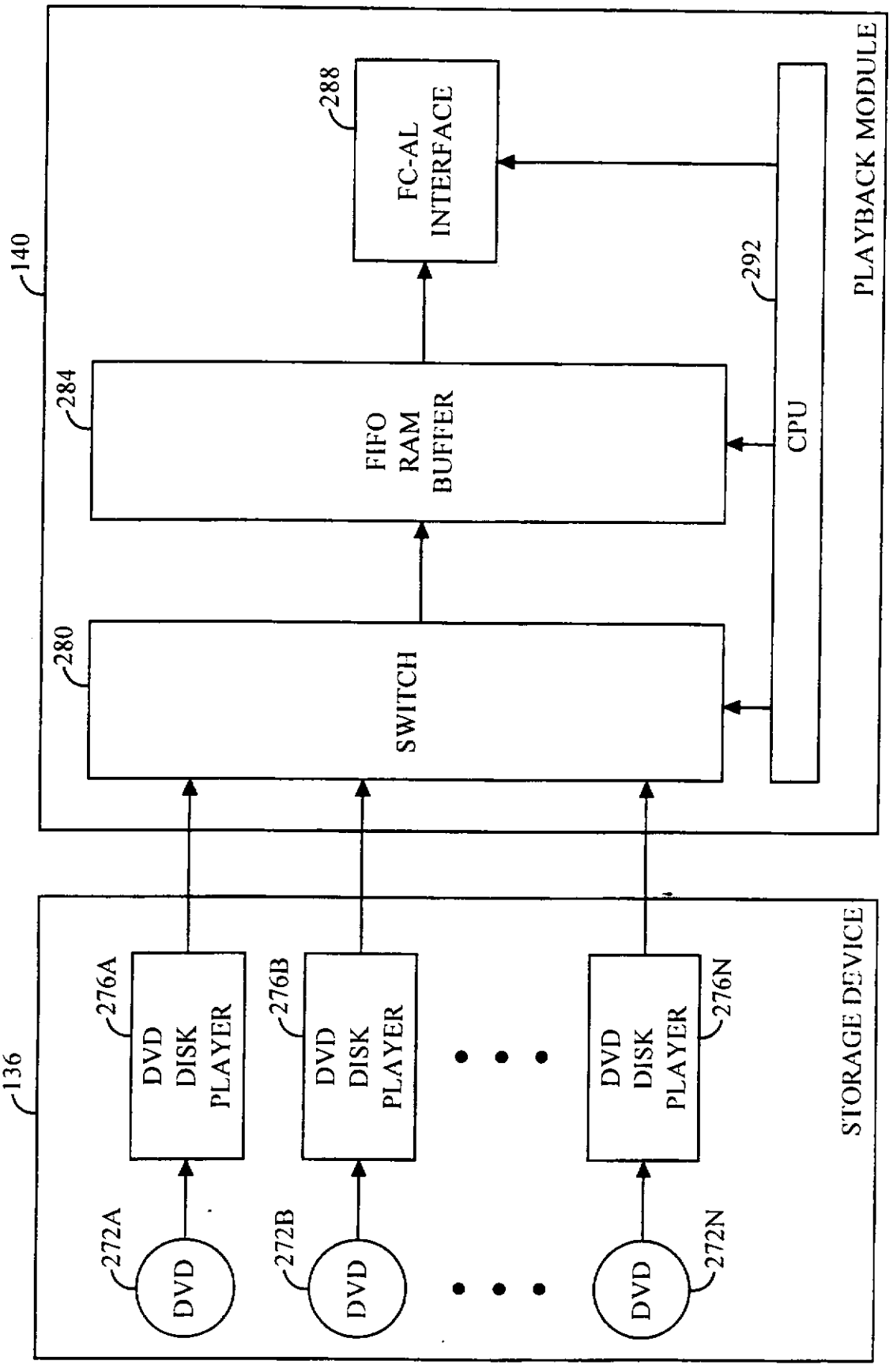

136
STORAGE DEVICE
276A
DVD DISK PLAYER
276B
DVD DISK PLAYER
276N
DVD DISK PLAYER
272A
DVD
272B
DVD
272N
DVD
140
PLAYBACK MODULE
280
SWITCH
284
FIFO RAM BUFFER
288
FC-AL INTERFACE
292
CPU

FIG. 8

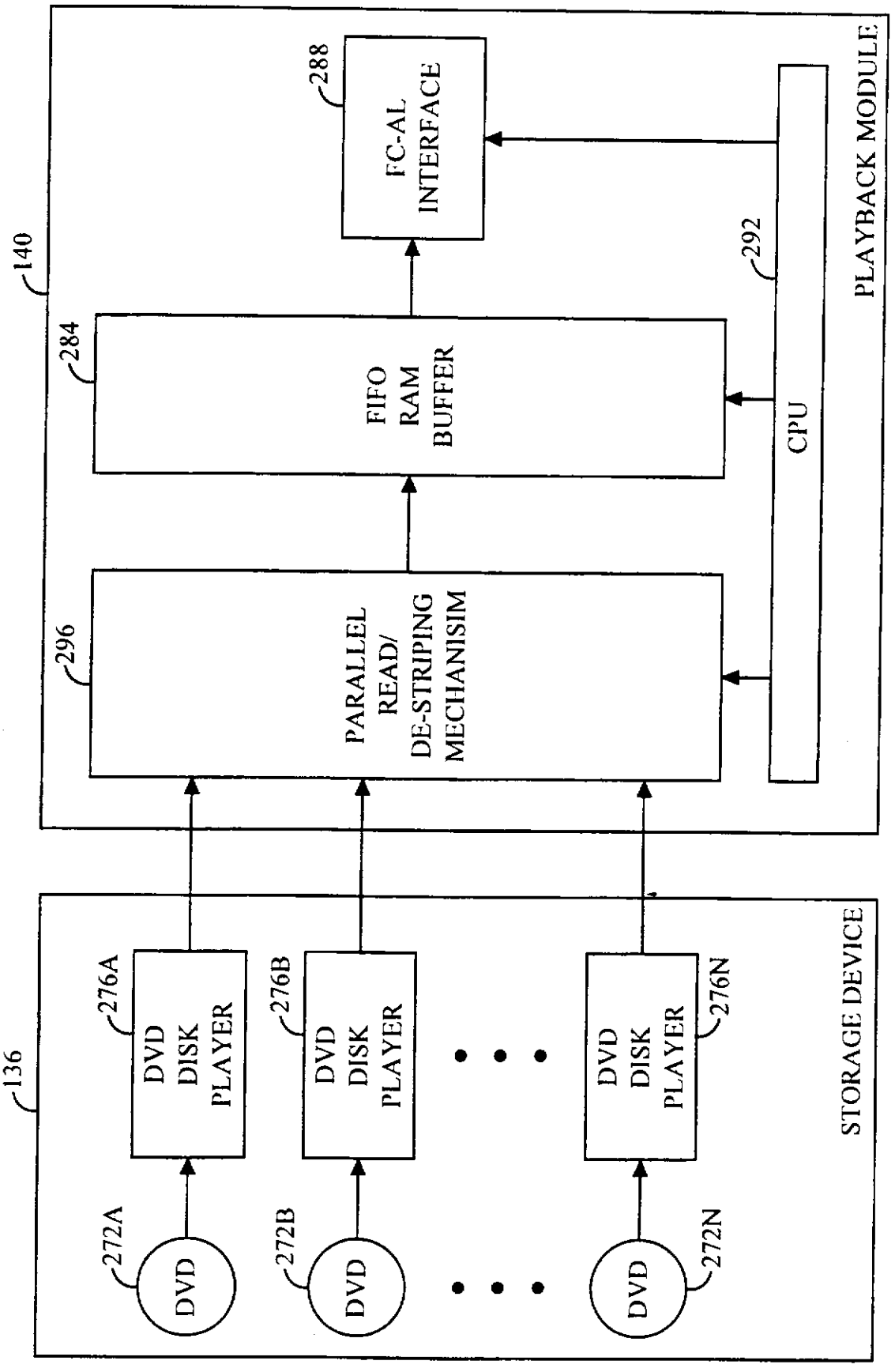

136
STORAGE DEVICE
276A
DVD DISK PLAYER
276B
DVD DISK PLAYER
276N
DVD DISK PLAYER
272A
DVD
272B
DVD
272N
DVD
140
PLAYBACK MODULE
288
FC-AL INTERFACE
284
FIFO RAM BUFFER
292
CPU
296
PARALLEL READ/ DE-STRIPING MECHANISIM

FIG. 9

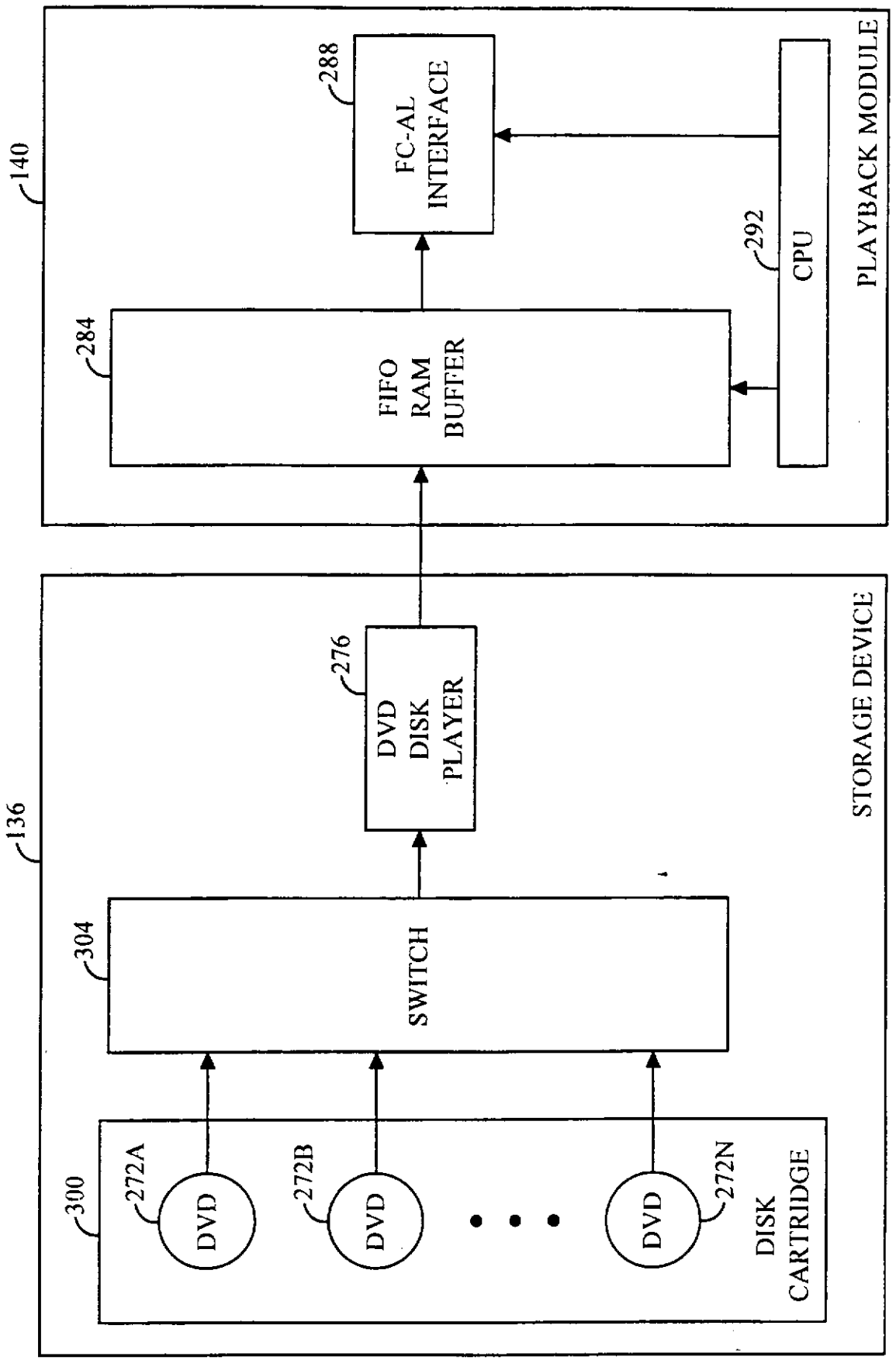

140
PLAYBACK MODULE
288
FC-AL INTERFACE
292
CPU
284
FIFO RAM BUFFER
136
STORAGE DEVICE
276
DVD DISK PLAYER
304
SWITCH
300
DISK CARTRIDGE
272A
DVD
272B
DVD
272N
DVD

FIG. 10

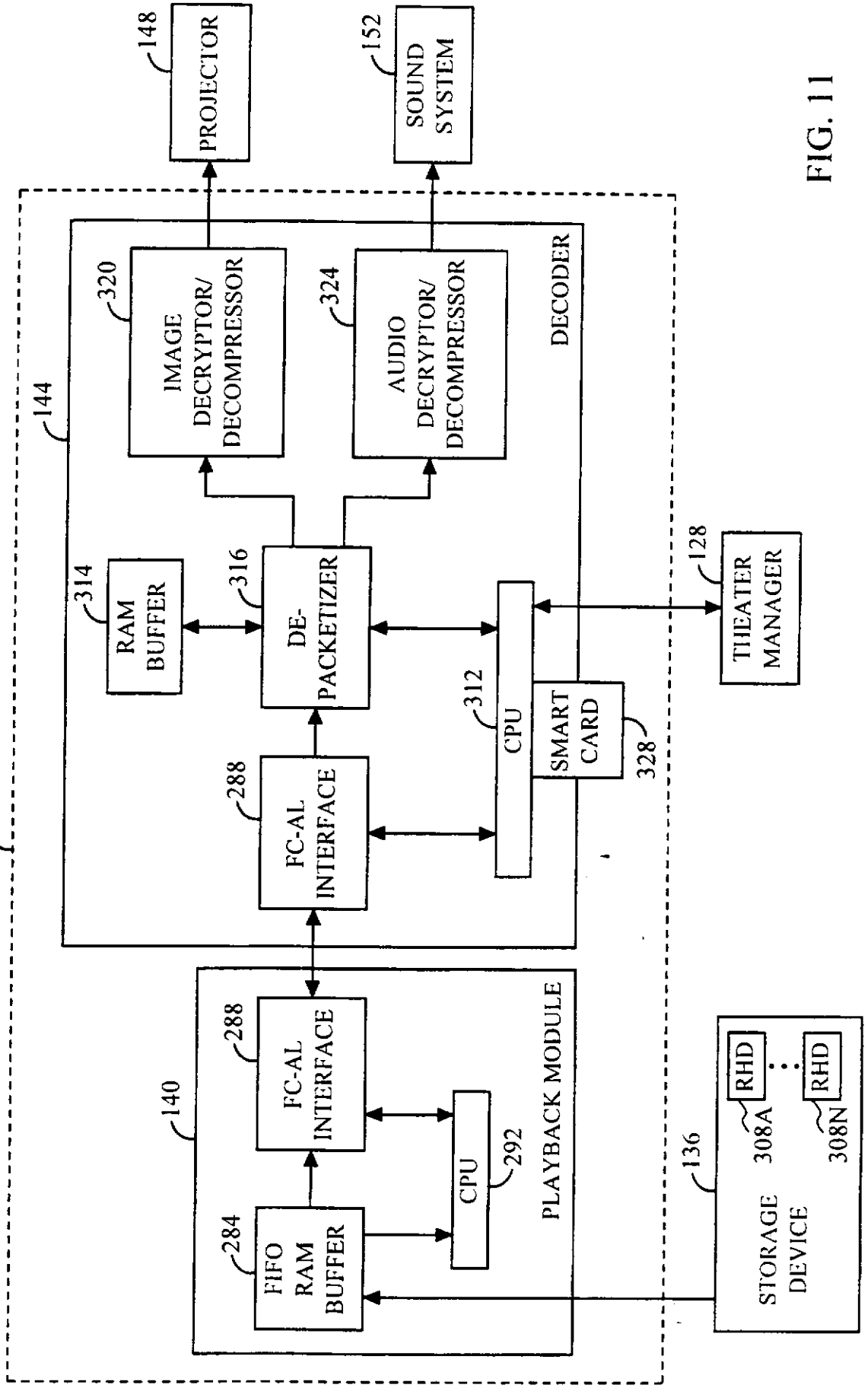

148
PROJECTOR
152
SOUND SYSTEM
320
IMAGE DECRYPTOR/ DECOMPRESSOR
324
AUDIO DECRYPTOR/ DECOMPRESSOR
144
DECODER
314
RAM BUFFER
316
DE-PACKETIZER
128
THEATER MANAGER
312
CPU
SMART CARD
328
288
FC-AL INTERFACE
332
288
FC-AL INTERFACE
140
PLAYBACK MODULE
284
FIFO RAM BUFFER
CPU
292
136
STORAGE DEVICE
308A
RHD
308N
RHD

FIG. 11

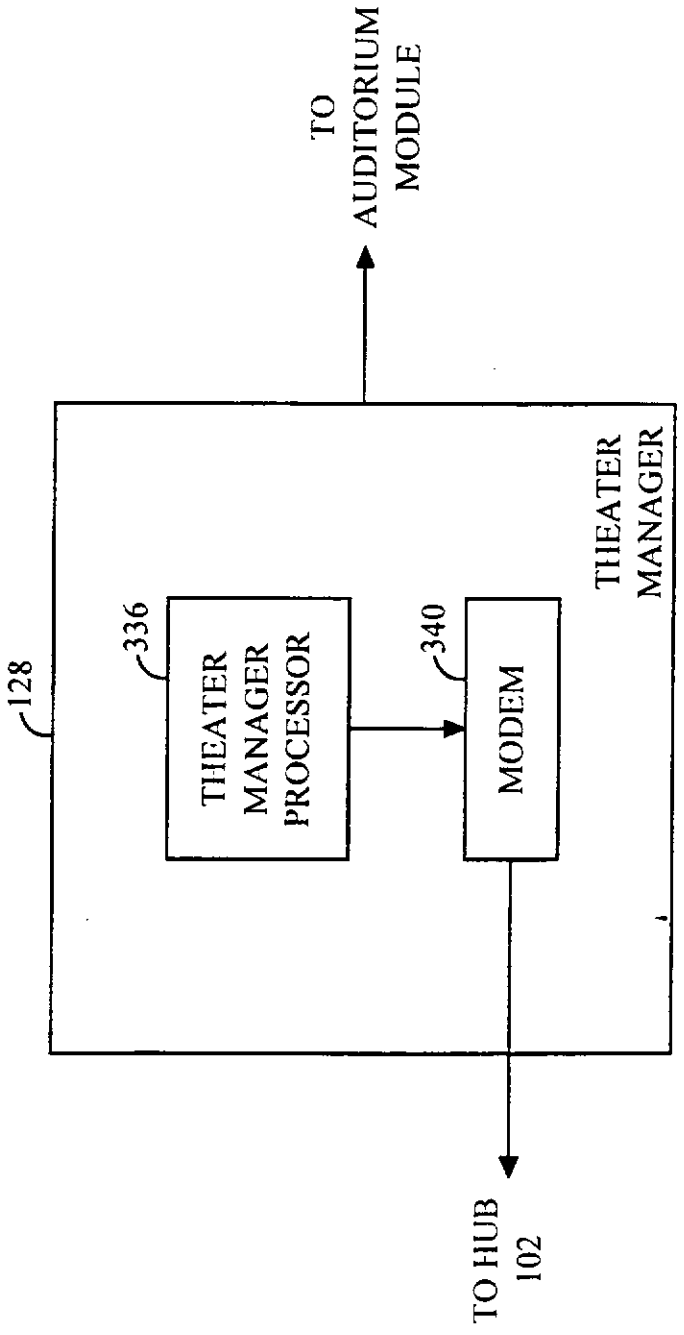

TO AUDITORIUM MODULE
THEATER MANAGER
128
336
THEATER MANAGER PROCESSOR
340
MODEM
TO HUB 102

FIG. 12

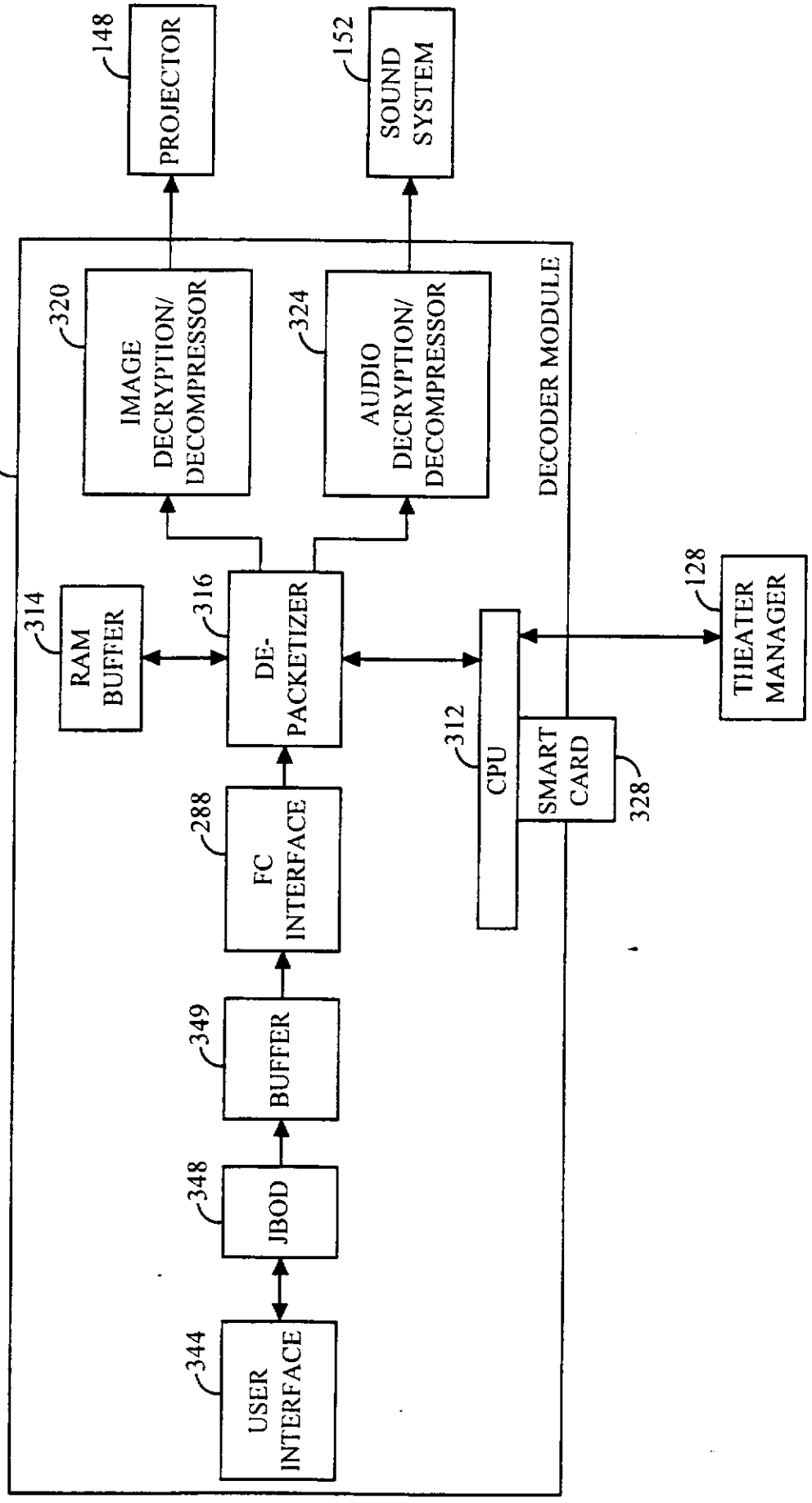

148
PROJECTOR
152
SOUND SYSTEM
320
IMAGE DECRYPTION/ DECOMPRESSOR
324
AUDIO DECRYPTION/ DECOMPRESSOR
144
DECODER MODULE
314
RAM BUFFER
316
DE-PACKETIZER
128
THEATER MANAGER
312
CPU
SMART CARD
328
288
FC INTERFACE
349
BUFFER
348
JBOD
344
USER INTERFACE

FIG. 13