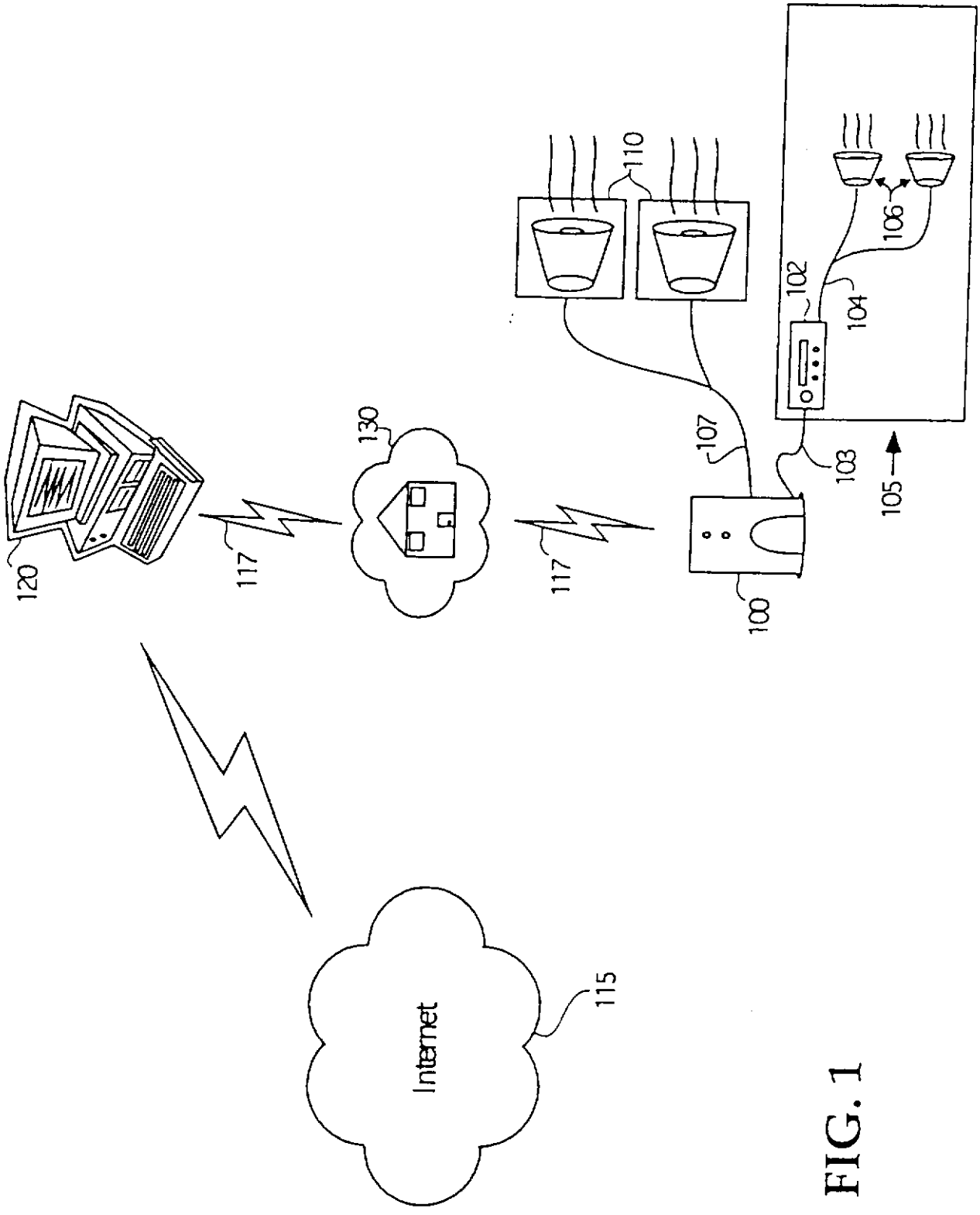


FIG. 1

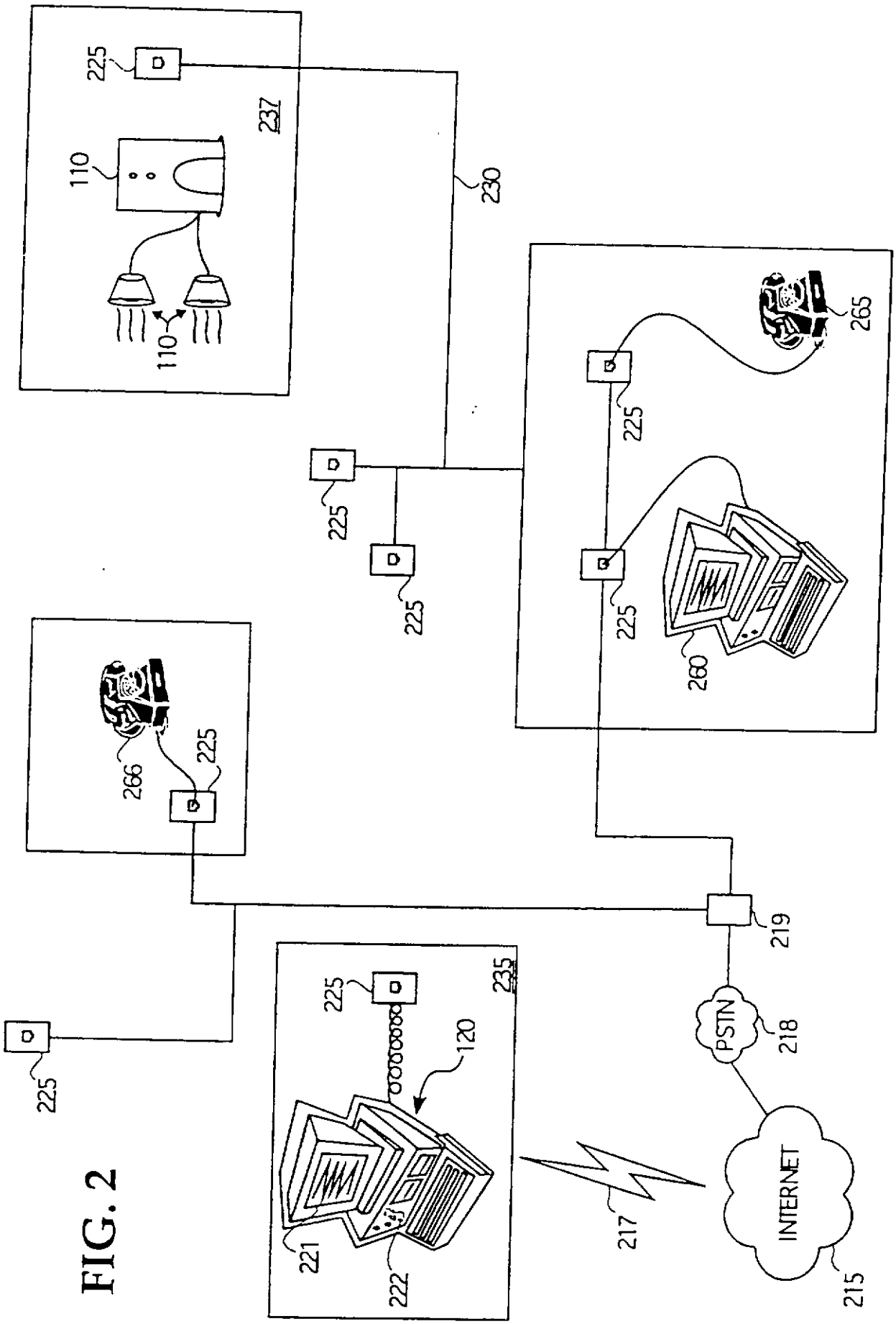

225
237
110
110
230
225
225
265
225
225
280
266
225
225
219
PSTN
218
235
225
120
221
222
217
INTERNET
215

FIG. 2

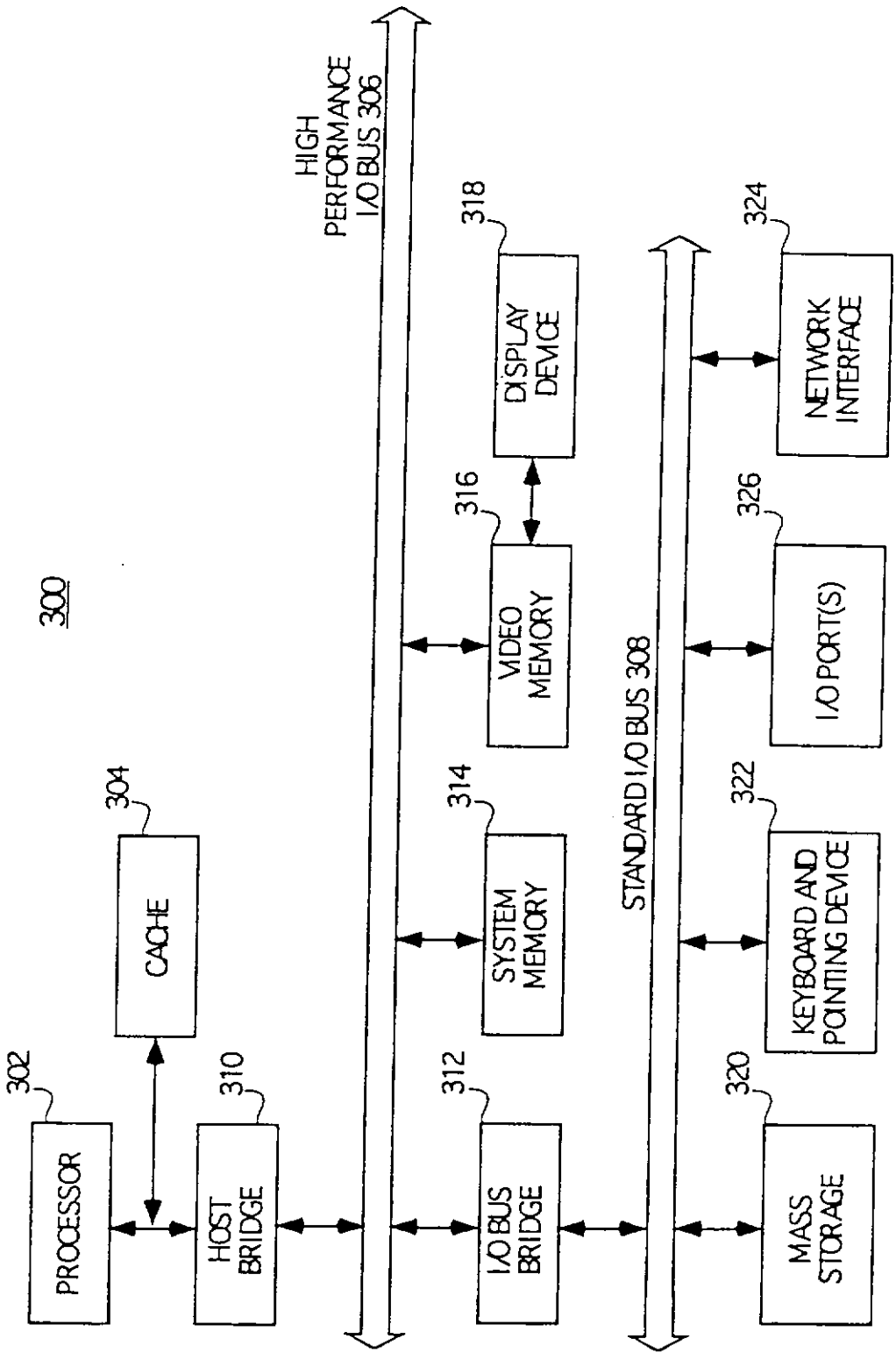

300
PROCESSOR
302
CACHE
304
HOST BRIDGE
310
HIGH PERFORMANCE I/O BUS 306
I/O BUS BRIDGE
312
SYSTEM MEMORY
314
VIDEO MEMORY
316
DISPLAY DEVICE
318
STANDARD I/O BUS 308
MASS STORAGE
320
KEYBOARD AND POINTING DEVICE
322
I/O PORT(S)
326
NETWORK INTERFACE
324

FIG. 3

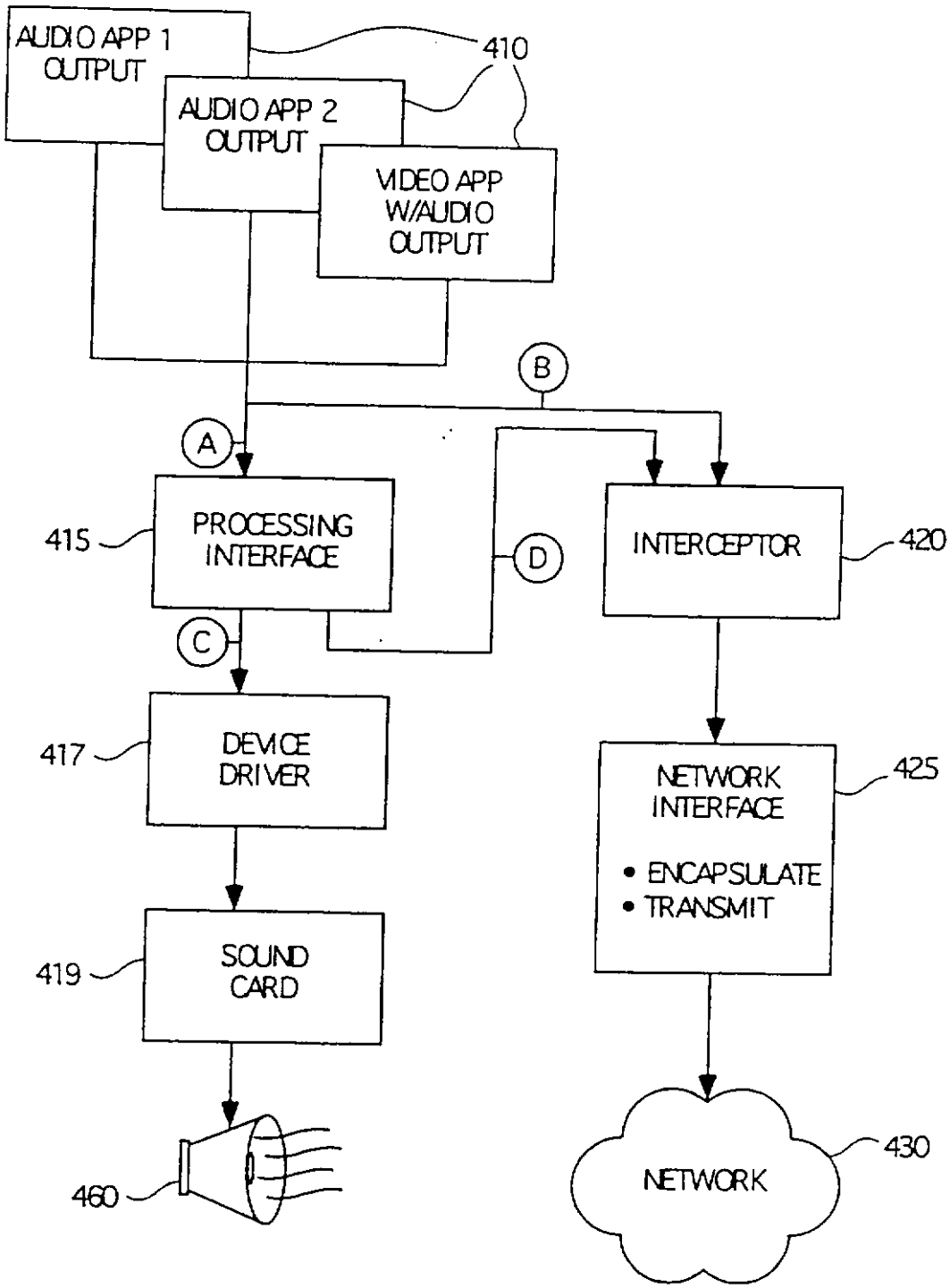

AUDIO APP 1 OUTPUT
AUDIO APP 2 OUTPUT
VIDEO APP W/AUDIO OUTPUT
410
B
A
415
PROCESSING INTERFACE
D
INTERCEPTOR
420
C
417
DEVICE DRIVER
NETWORK INTERFACE
• ENCAPSULATE
• TRANSMIT
425
419
SOUND CARD
460
NETWORK
430

FIG. 4

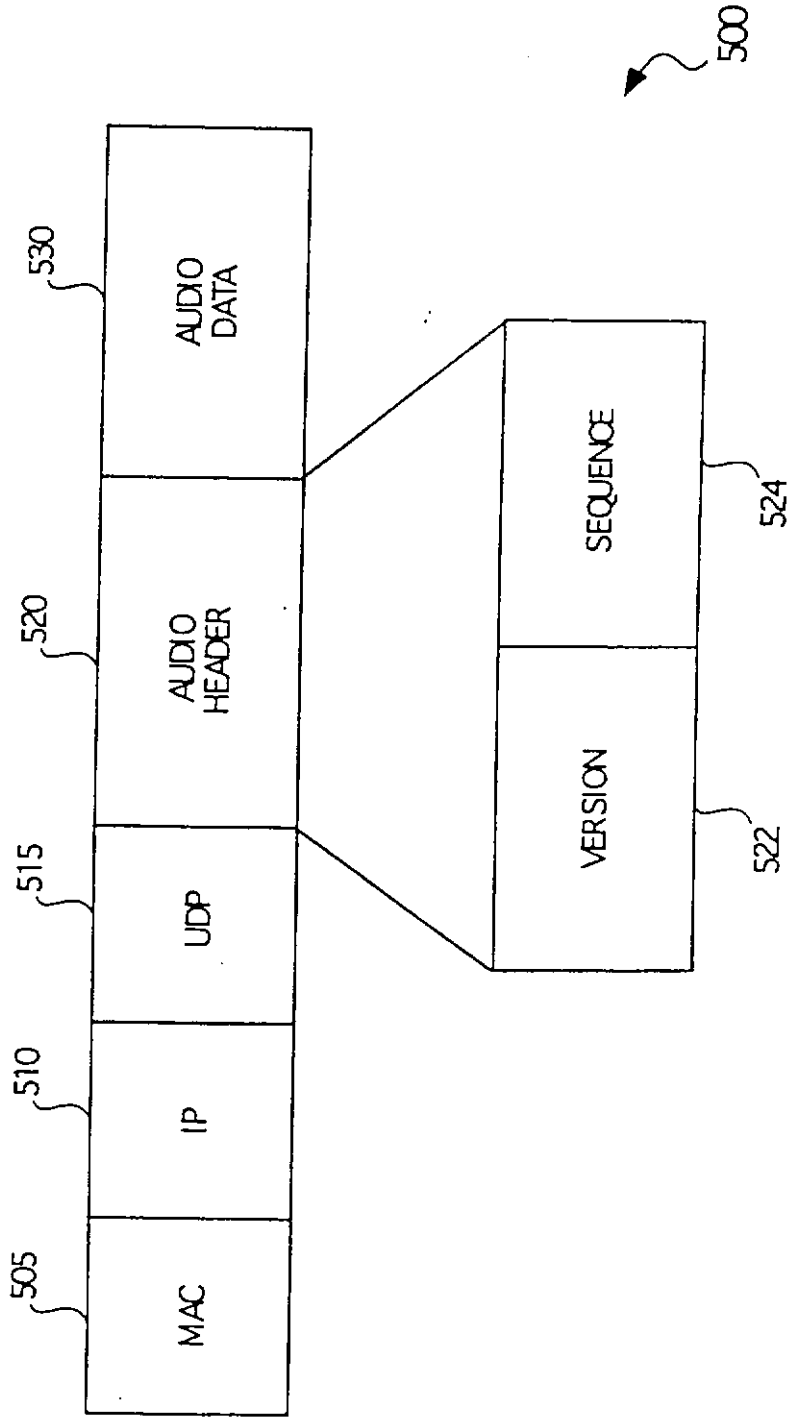

500
530
AUDIO DATA
520
AUDIO HEADER
515
UDP
510
IP
505
MAC
SEQUENCE
524
VERSION
522

FIG. 5

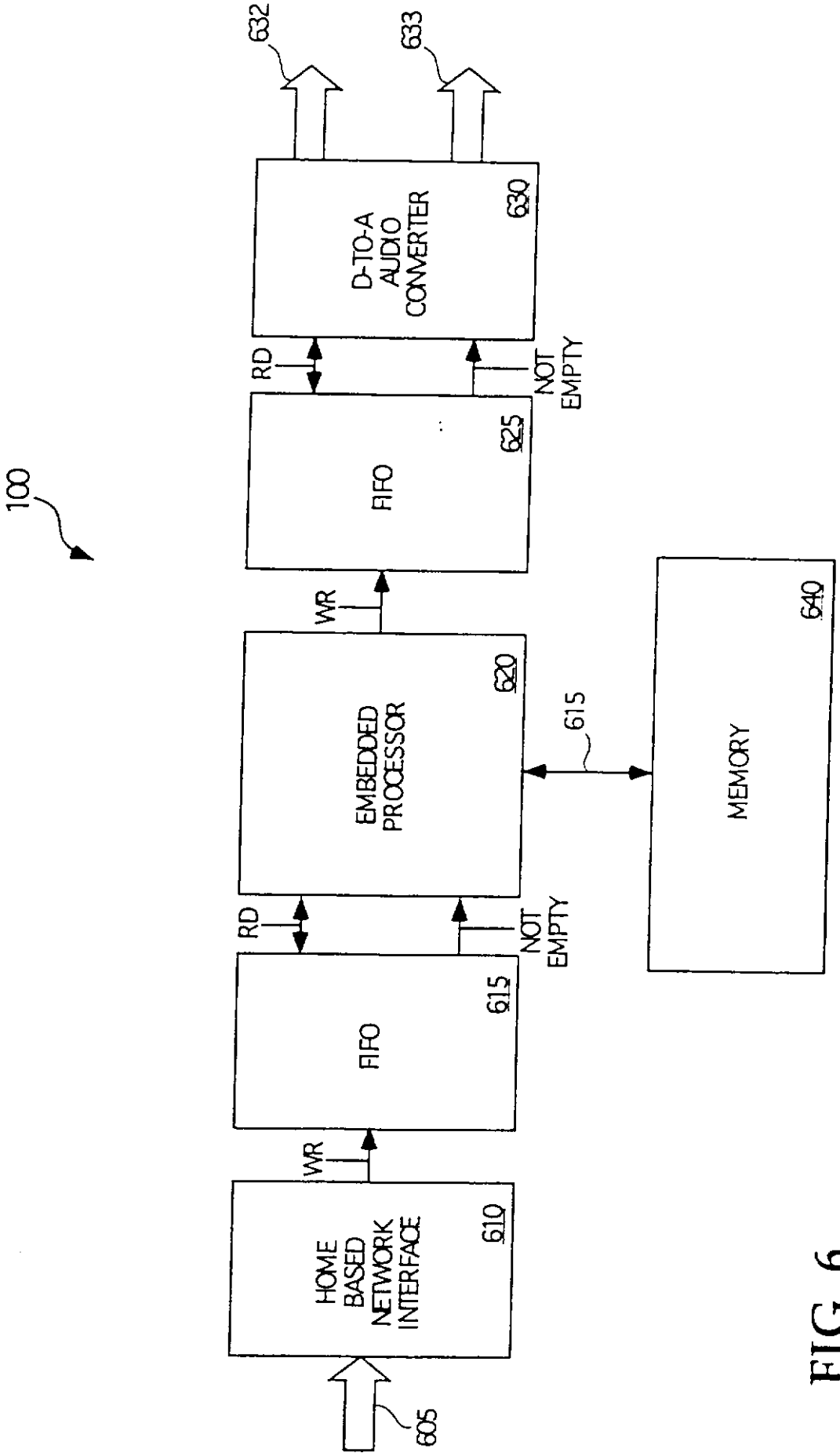

100
605
HOME BASED NETWORK INTERFACE
610
WR
FIFO
615
RD
NOT EMPTY
EMBEDDED PROCESSOR
620
615
MEMORY
640
WR
FIFO
625
RD
NOT EMPTY
D-TO-A AUDIO CONVERTER
630
632
633

FIG. 6

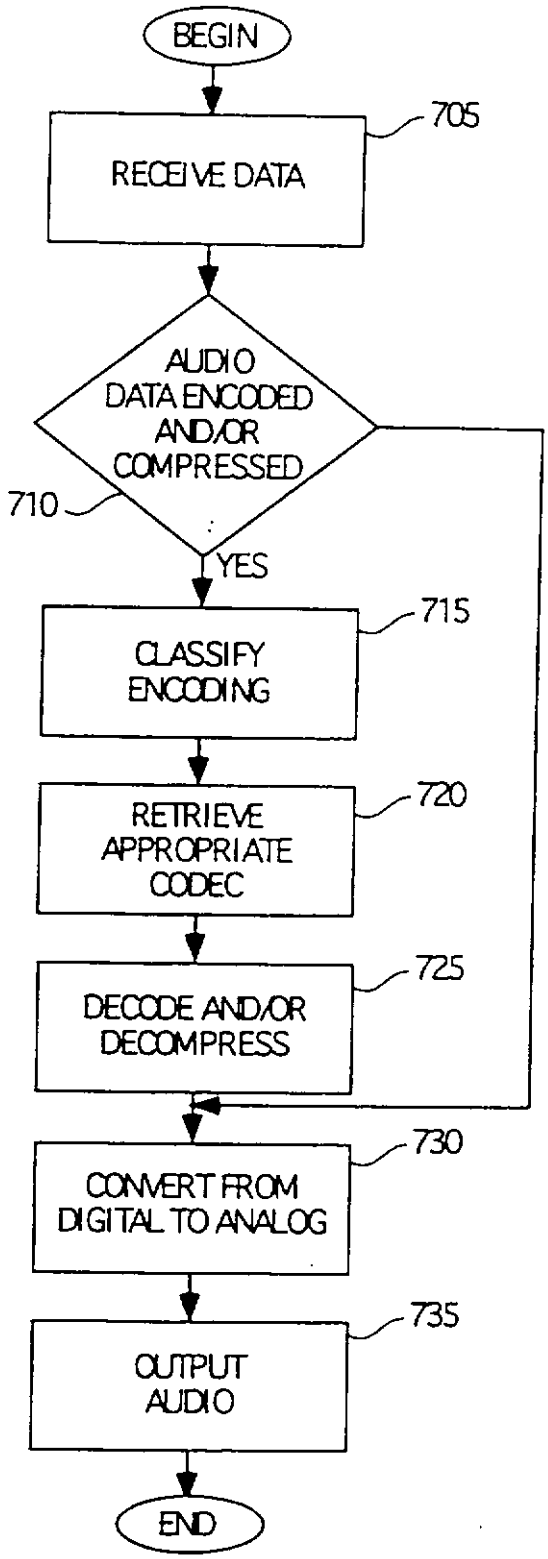

BEGIN
RECEIVE DATA
705
AUDIO DATA ENCODED AND/OR COMPRESSED
710
YES
CLASSIFY ENCODING
715
RETRIEVE APPROPRIATE CODEC
720
DECODE AND/OR DECOMPRESS
725
CONVERT FROM DIGITAL TO ANALOG
730
OUTPUT AUDIO
735
END

FIG. 7