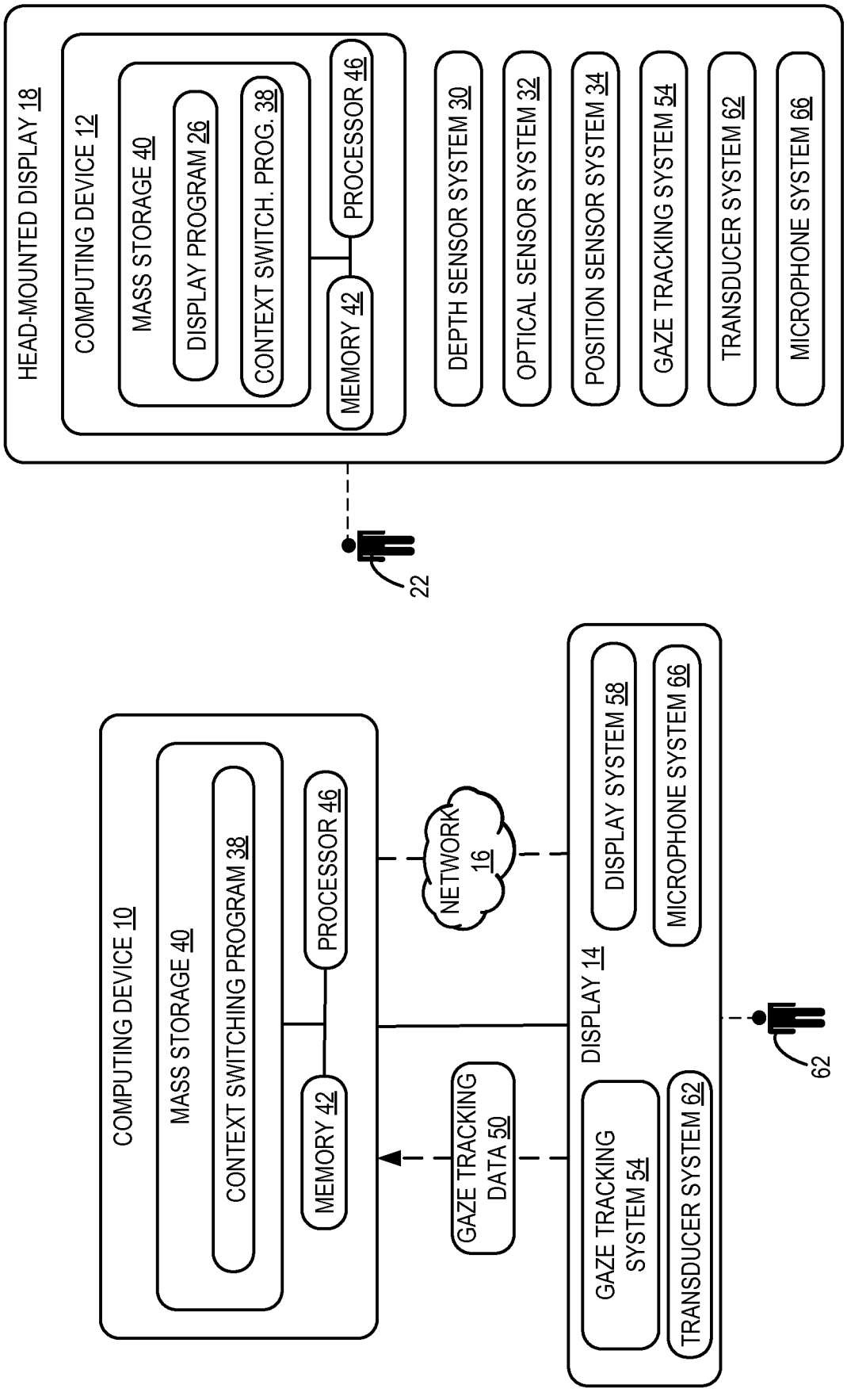
HEAD-MOUNTED DISPLAY 18
COMPUTING DEVICE 12
MASS STORAGE 40
DISPLAY PROGRAM 26
CONTEXT SWITCH. PROG. 38
MEMORY 42
PROCESSOR 46
DEPTH SENSOR SYSTEM 30
OPTICAL SENSOR SYSTEM 32
POSITION SENSOR SYSTEM 34
GAZE TRACKING SYSTEM 54
TRANSDUCER SYSTEM 62
MICROPHONE SYSTEM 66
22
COMPUTING DEVICE 10
MASS STORAGE 40
CONTEXT SWITCHING PROGRAM 38
MEMORY 42
PROCESSOR 46
NETWORK 16
GAZE TRACKING DATA 50
DISPLAY 14
GAZE TRACKING SYSTEM 54
TRANSDUCER SYSTEM 62
DISPLAY SYSTEM 58
MICROPHONE SYSTEM 66
62

FIG. 1

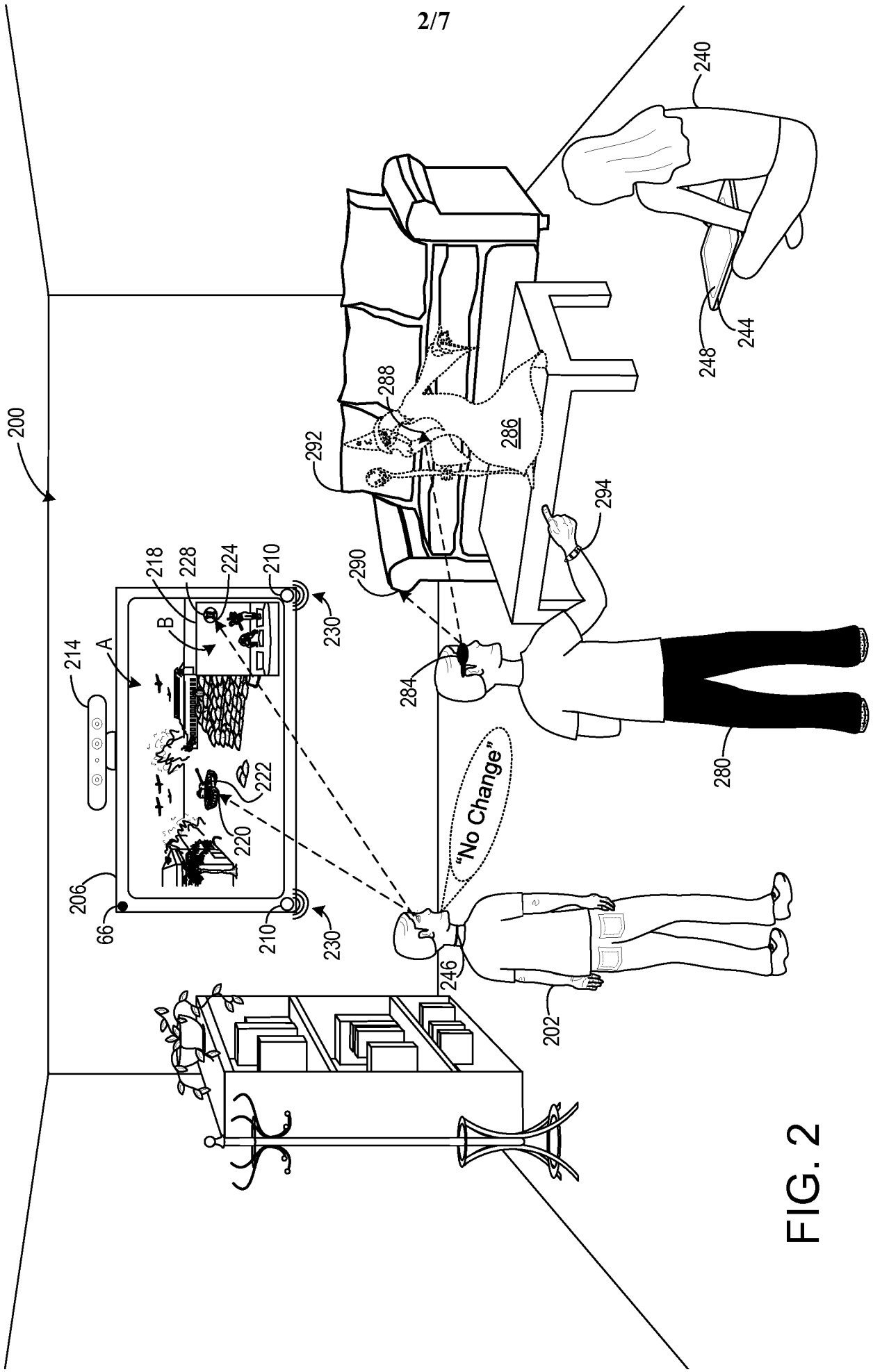
200
240
248
244
288
292
286
294
290
284
280
218
228
224
210
230
214
A
B
222
220
206
66
210
230
246
"No Change"
202

FIG. 2

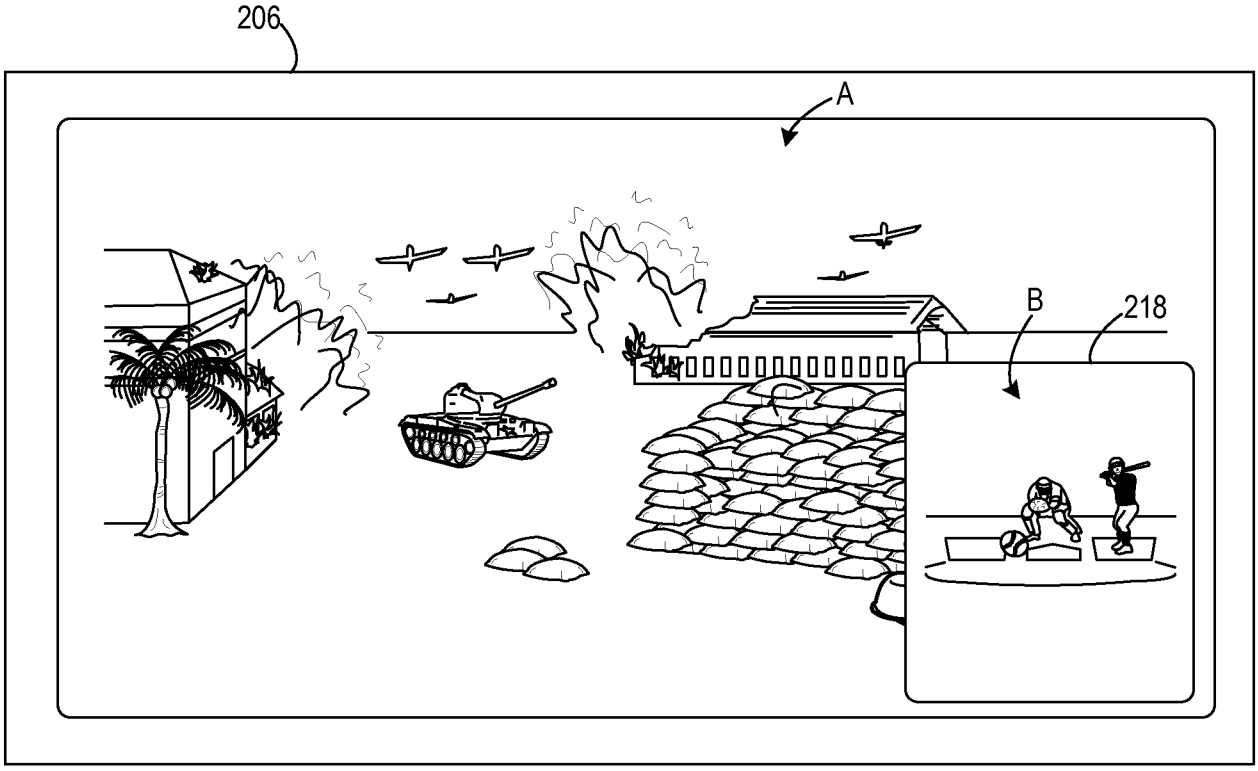

FIG. 3

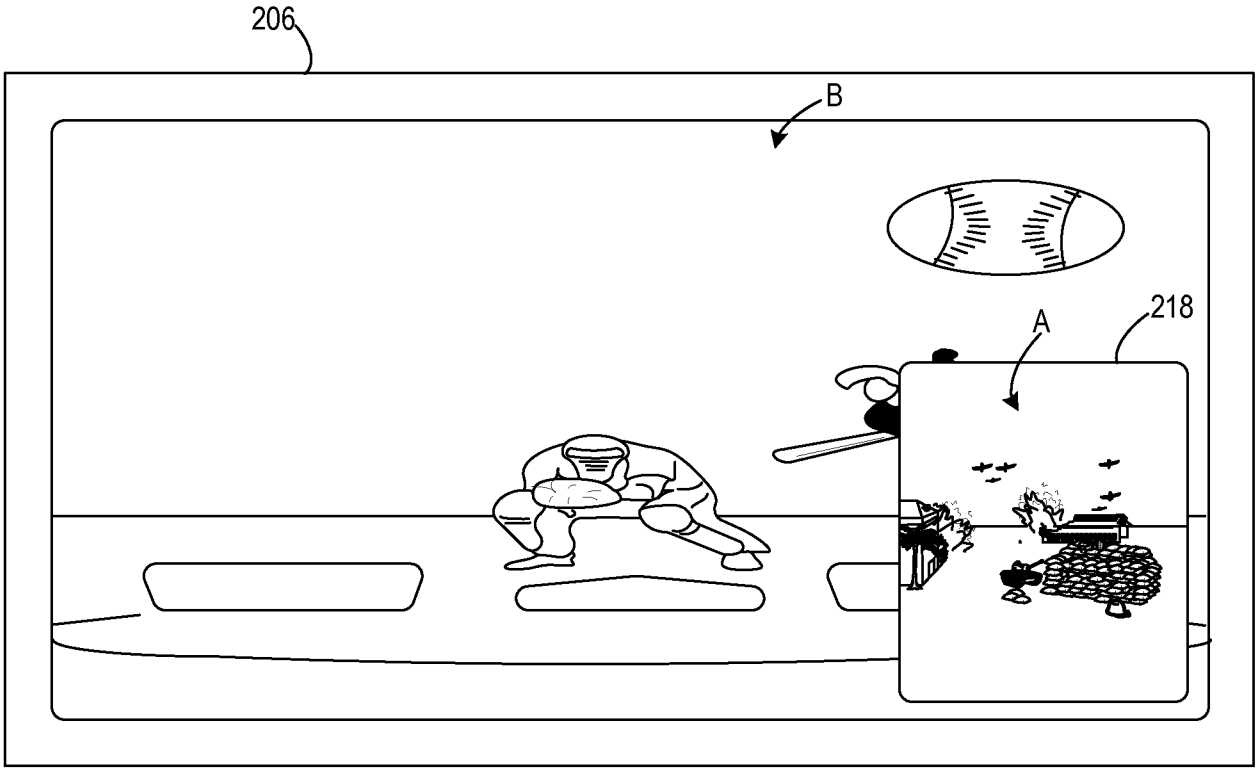

FIG. 4

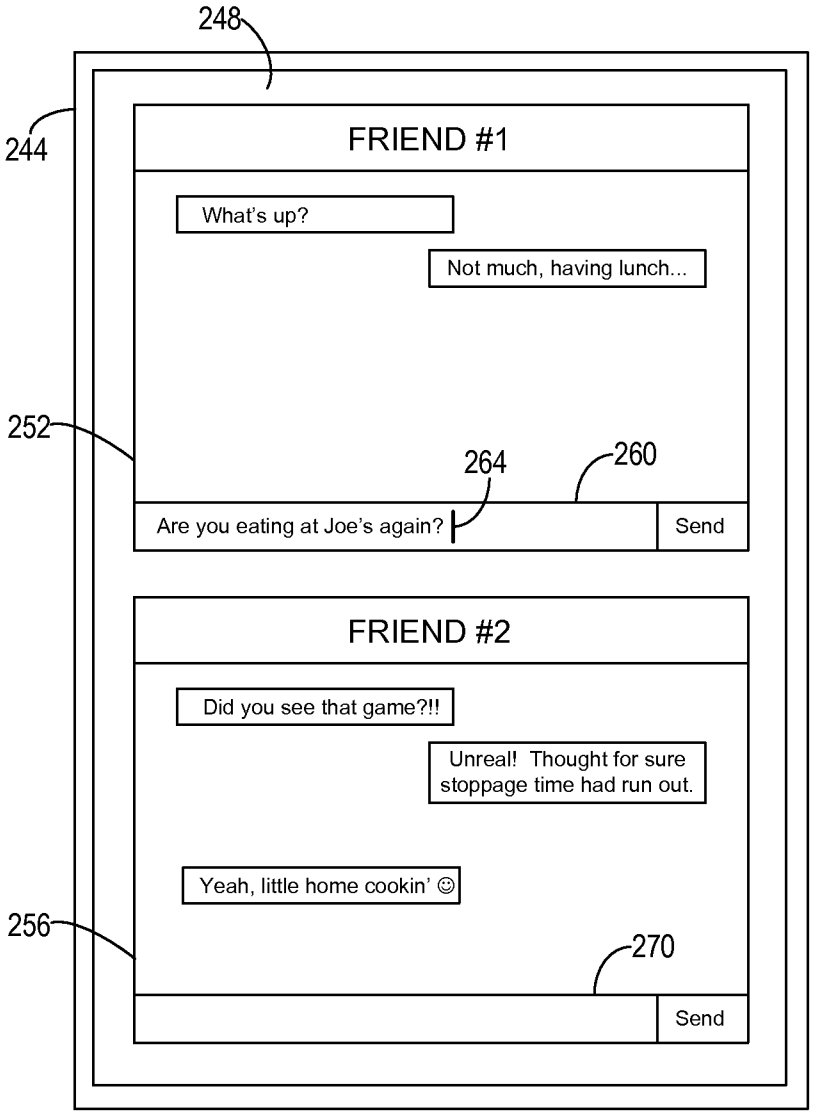
248
244
FRIEND #1
What's up?
Not much, having lunch...
252
264
260
Are you eating at Joe's again?
Send
FRIEND #2
Did you see that game?!!
Unreal! Thought for sure stoppage time had run out.
Yeah, little home cookin' ☺
256
270
Send

FIG. 5

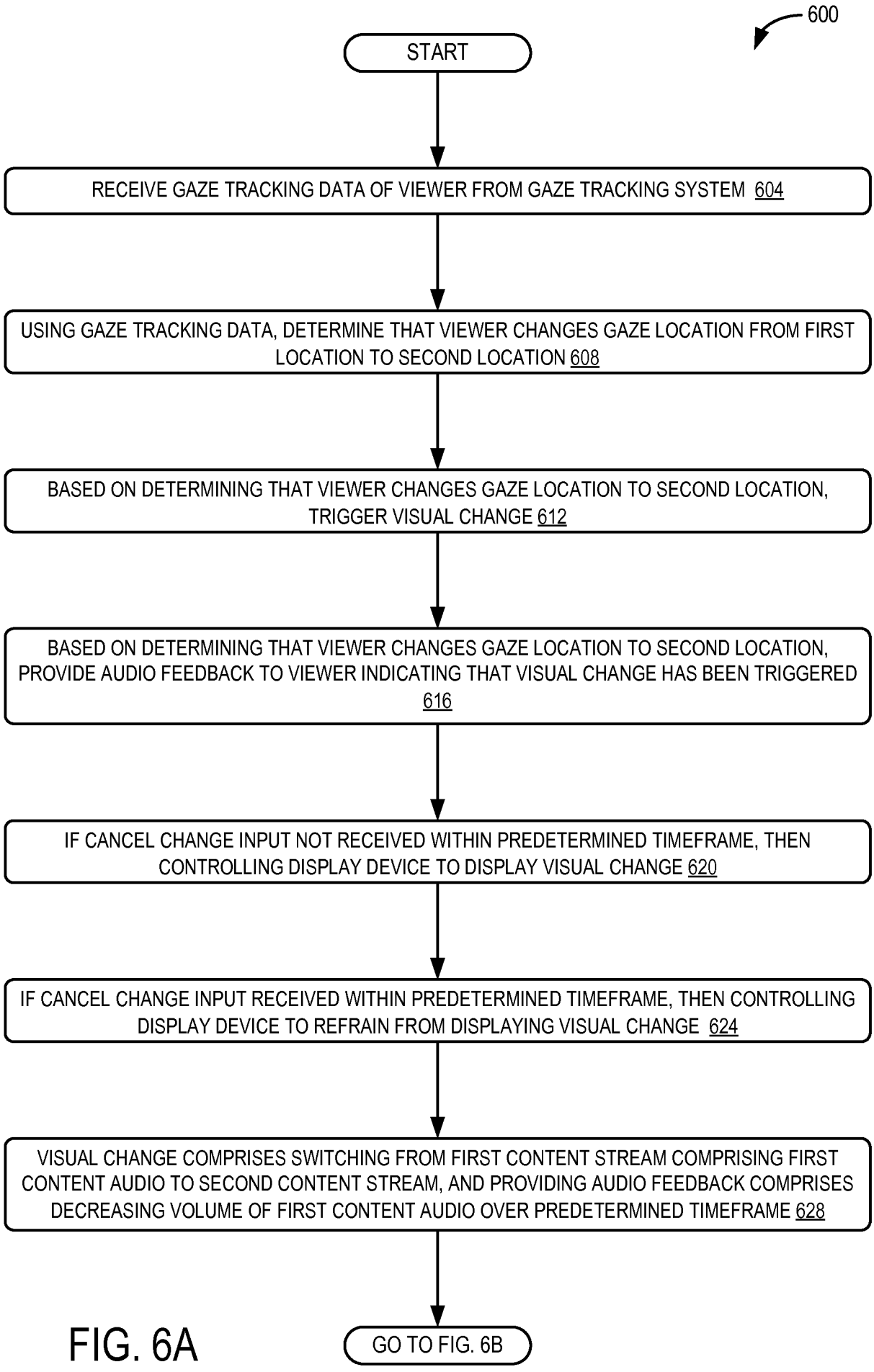
600
START
RECEIVE GAZE TRACKING DATA OF VIEWER FROM GAZE TRACKING SYSTEM 604
USING GAZE TRACKING DATA, DETERMINE THAT VIEWER CHANGES GAZE LOCATION FROM FIRST LOCATION TO SECOND LOCATION 608
BASED ON DETERMINING THAT VIEWER CHANGES GAZE LOCATION TO SECOND LOCATION, TRIGGER VISUAL CHANGE 612
BASED ON DETERMINING THAT VIEWER CHANGES GAZE LOCATION TO SECOND LOCATION, PROVIDE AUDIO FEEDBACK TO VIEWER INDICATING THAT VISUAL CHANGE HAS BEEN TRIGGERED 616
IF CANCEL CHANGE INPUT NOT RECEIVED WITHIN PREDETERMINED TIMEFRAME, THEN CONTROLLING DISPLAY DEVICE TO DISPLAY VISUAL CHANGE 620
IF CANCEL CHANGE INPUT RECEIVED WITHIN PREDETERMINED TIMEFRAME, THEN CONTROLLING DISPLAY DEVICE TO REFRAIN FROM DISPLAYING VISUAL CHANGE 624
VISUAL CHANGE COMPRISES SWITCHING FROM FIRST CONTENT STREAM COMPRISING FIRST CONTENT AUDIO TO SECOND CONTENT STREAM, AND PROVIDING AUDIO FEEDBACK COMPRISES DECREASING VOLUME OF FIRST CONTENT AUDIO OVER PREDETERMINED TIMEFRAME 628
GO TO FIG. 6B

FIG. 6A

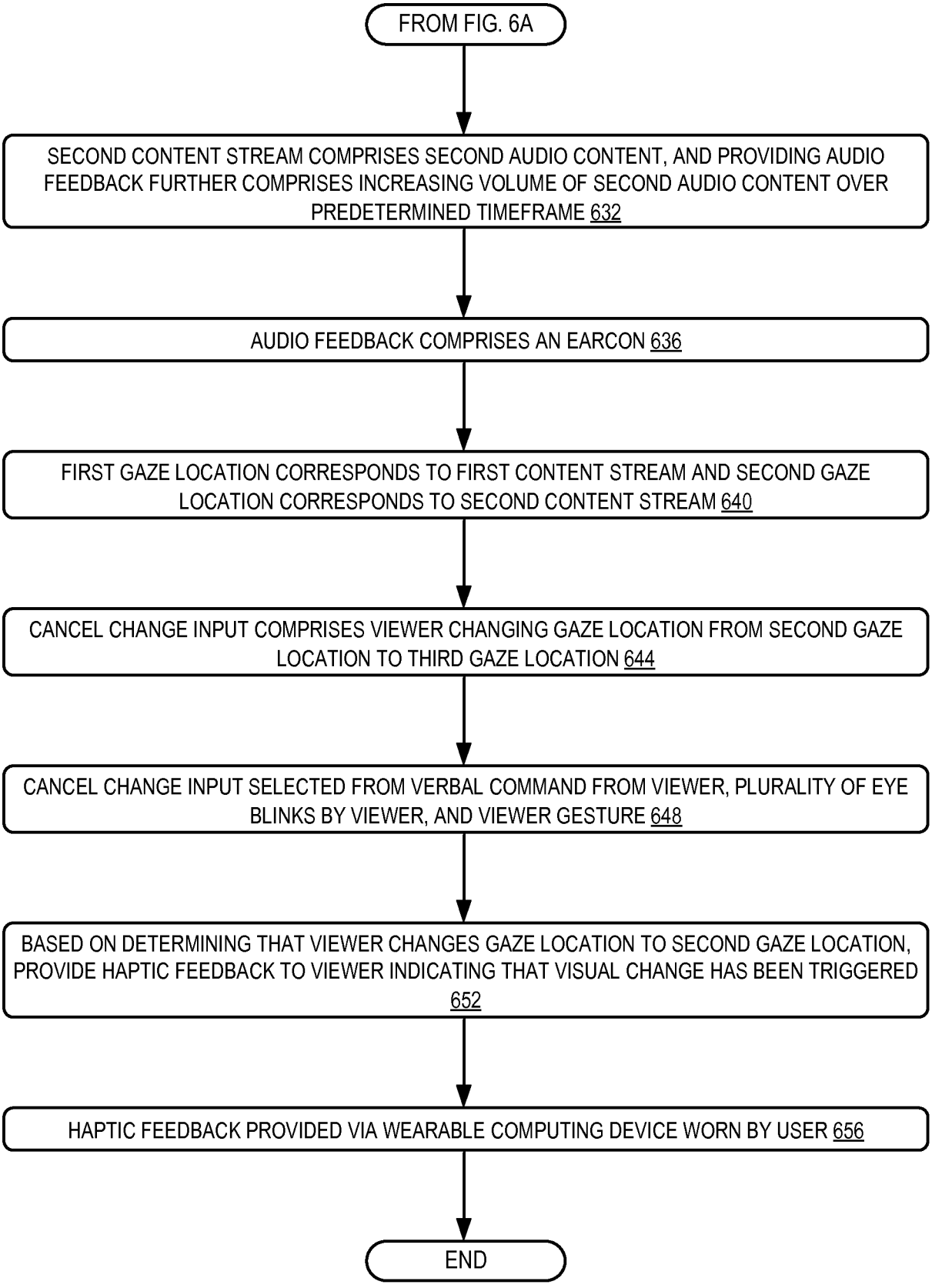
FROM FIG. 6A
SECOND CONTENT STREAM COMPRISES SECOND AUDIO CONTENT, AND PROVIDING AUDIO FEEDBACK FURTHER COMPRISES INCREASING VOLUME OF SECOND AUDIO CONTENT OVER PREDETERMINED TIMEFRAME 632
AUDIO FEEDBACK COMPRISES AN EARCON 636
FIRST GAZE LOCATION CORRESPONDS TO FIRST CONTENT STREAM AND SECOND GAZE LOCATION CORRESPONDS TO SECOND CONTENT STREAM 640
CANCEL CHANGE INPUT COMPRISES VIEWER CHANGING GAZE LOCATION FROM SECOND GAZE LOCATION TO THIRD GAZE LOCATION 644
CANCEL CHANGE INPUT SELECTED FROM VERBAL COMMAND FROM VIEWER, PLURALITY OF EYE BLINKS BY VIEWER, AND VIEWER GESTURE 648
BASED ON DETERMINING THAT VIEWER CHANGES GAZE LOCATION TO SECOND GAZE LOCATION, PROVIDE HAPTIC FEEDBACK TO VIEWER INDICATING THAT VISUAL CHANGE HAS BEEN TRIGGERED 652
HAPTIC FEEDBACK PROVIDED VIA WEARABLE COMPUTING DEVICE WORN BY USER 656
END

FIG. 6B

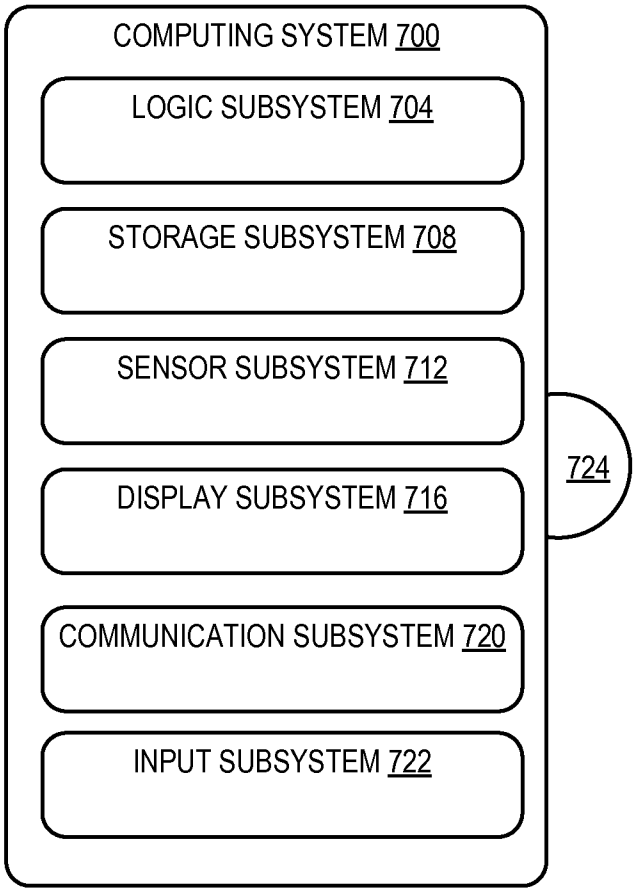
COMPUTING SYSTEM 700
LOGIC SUBSYSTEM 704
STORAGE SUBSYSTEM 708
SENSOR SUBSYSTEM 712
DISPLAY SUBSYSTEM 716
724
COMMUNICATION SUBSYSTEM 720
INPUT SUBSYSTEM 722

FIG. 7