FIG. 1 (PRIOR ART)

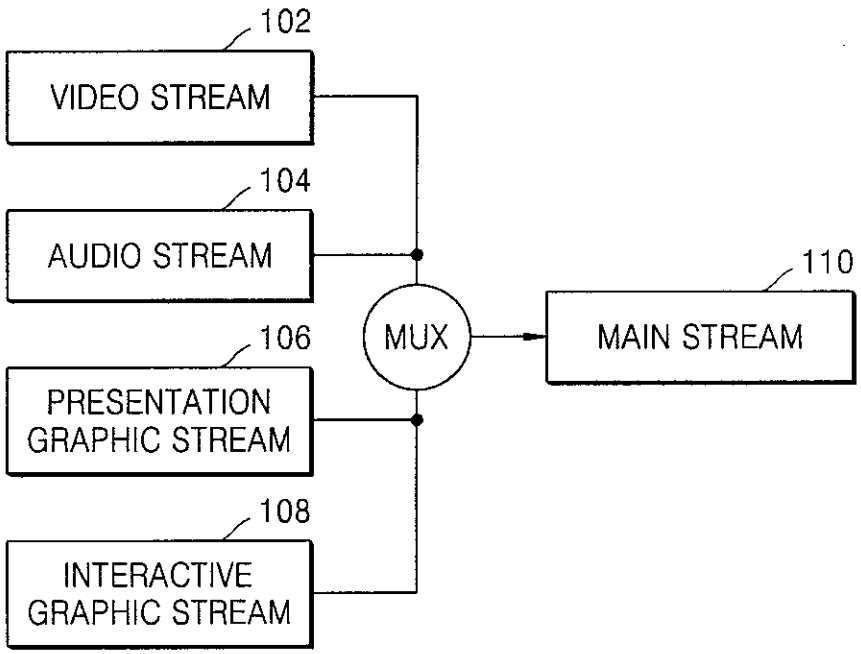


FIG. 2 (PRIOR ART)

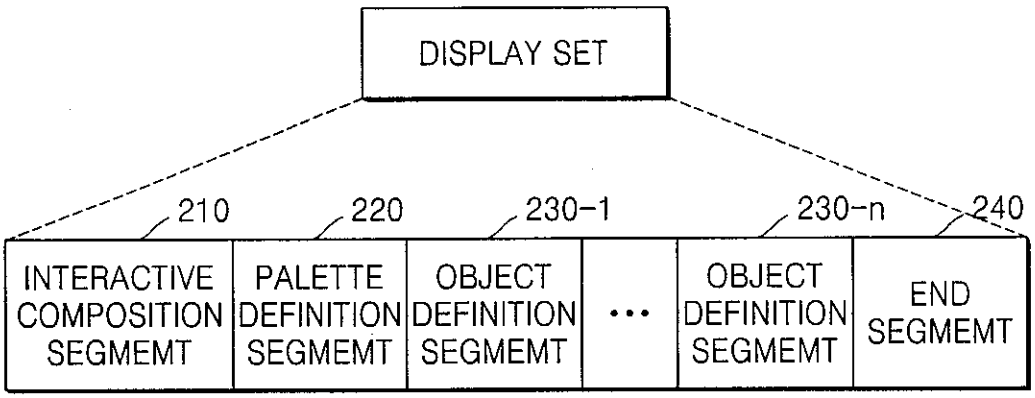


FIG. 3

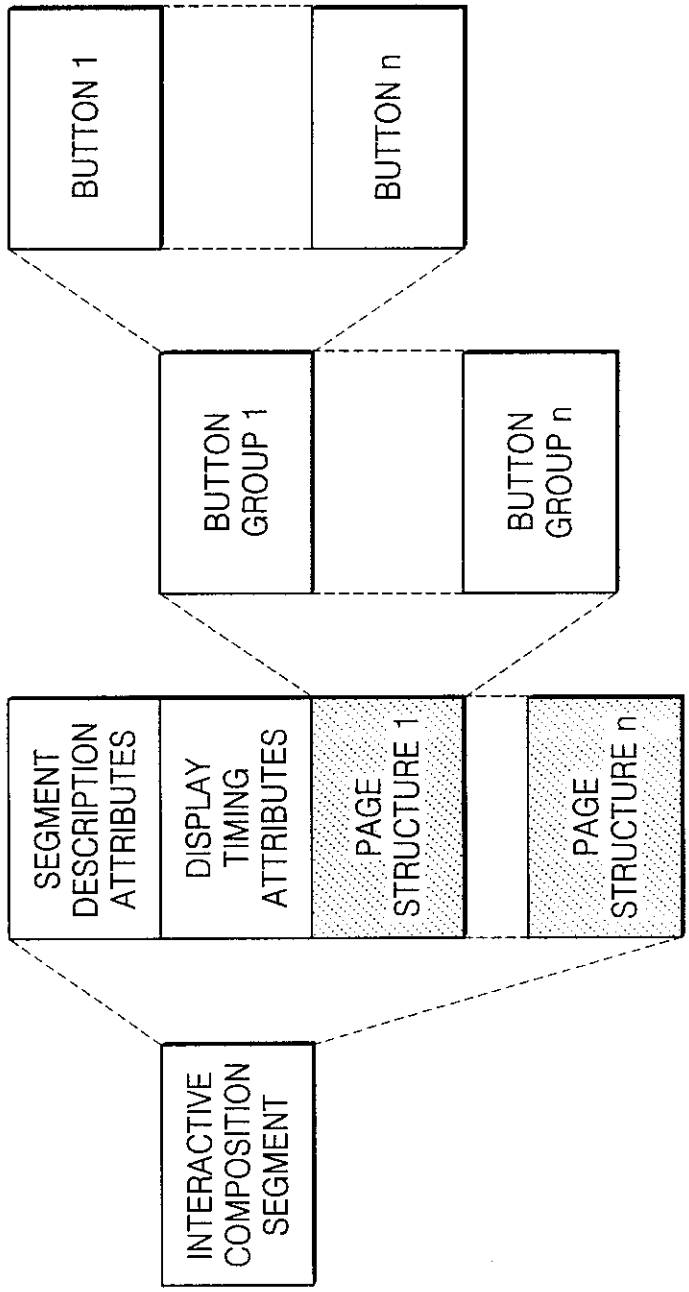

INTERACTIVE COMPOSITION SEGMENT
SEGMENT DESCRIPTION ATTRIBUTES
DISPLAY TIMING ATTRIBUTES
PAGE STRUCTURE 1
PAGE STRUCTURE n
BUTTON GROUP 1
BUTTON GROUP n
BUTTON 1
BUTTON n

FIG. 4

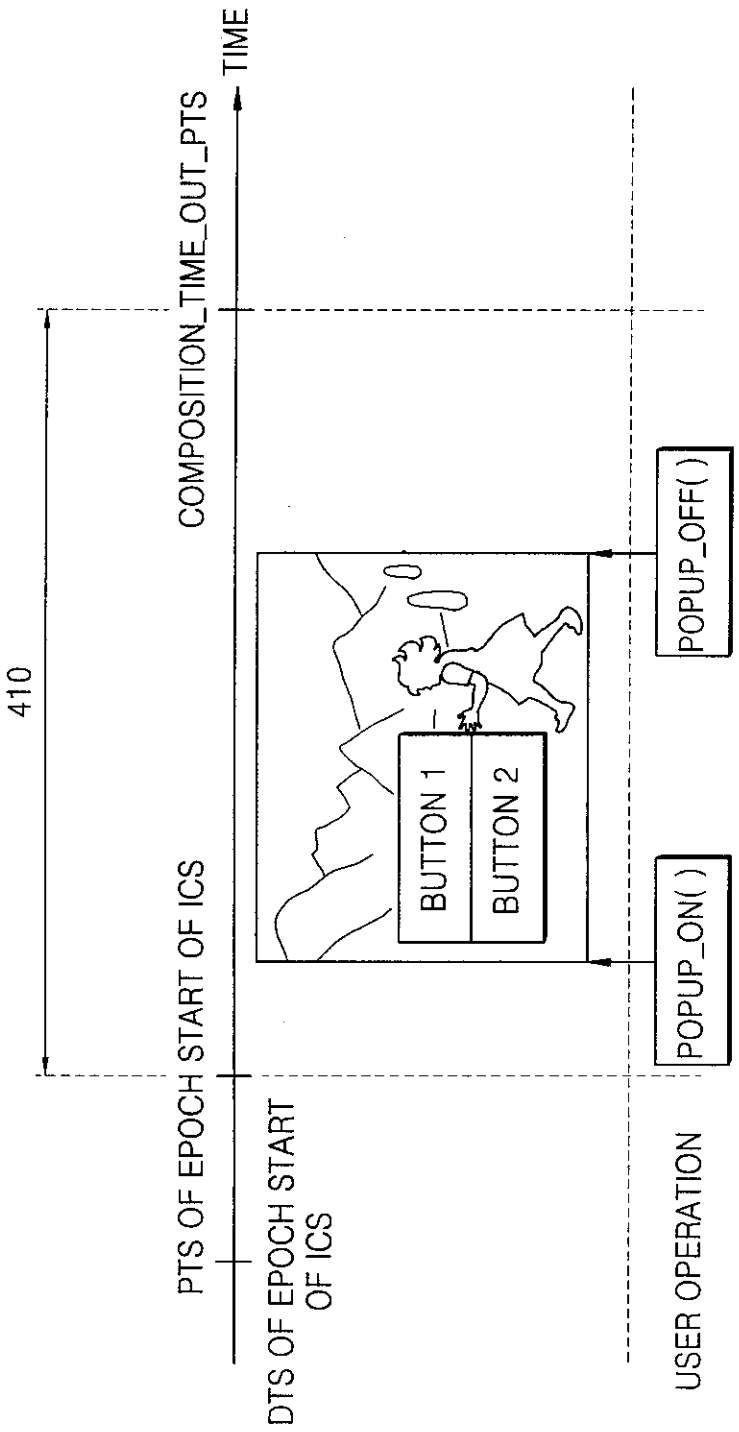

TIME
COMPOSITION_TIME_OUT_PTS
410
PTS OF EPOCH START OF ICS
DTS OF EPOCH START OF ICS
BUTTON 1
BUTTON 2
POPUP_OFF( )
POPUP_ON( )
USER OPERATION

FIG. 5

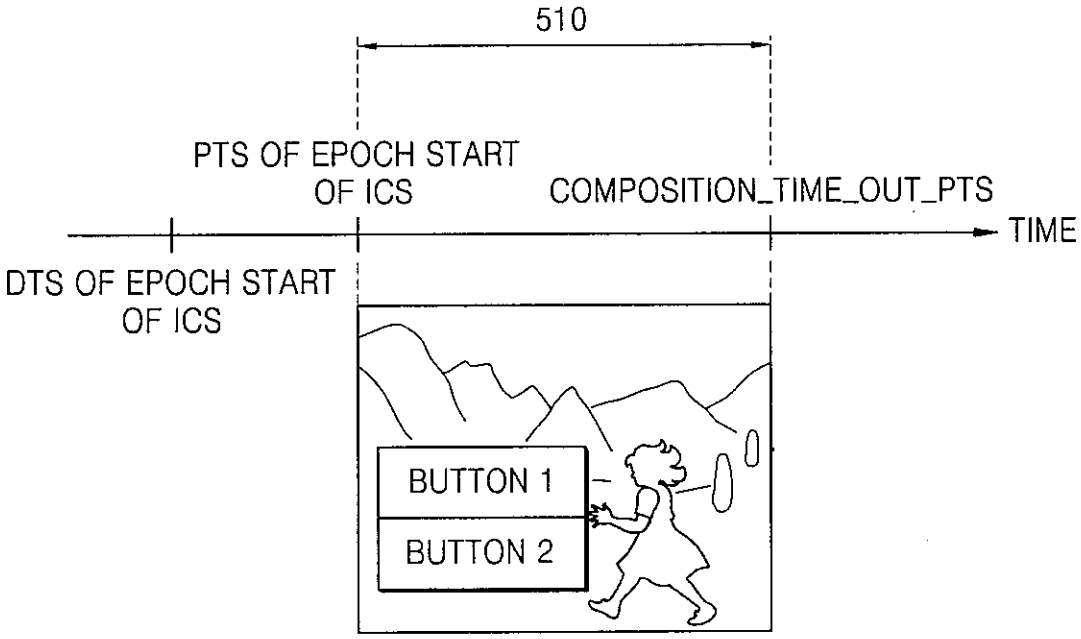

510
PTS OF EPOCH START OF ICS
COMPOSITION_TIME_OUT_PTS
TIME
DTS OF EPOCH START OF ICS
BUTTON 1
BUTTON 2

FIG. 6

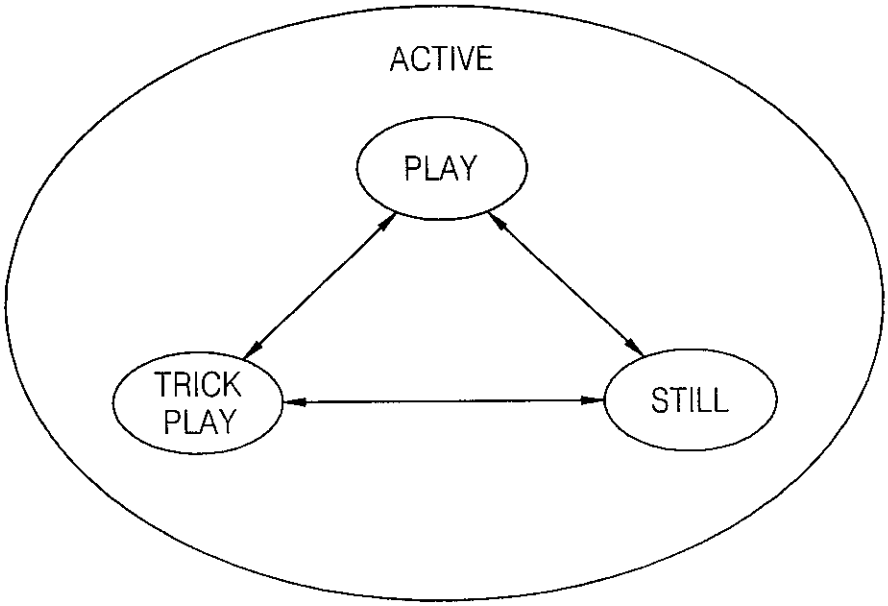

ACTIVE
PLAY
TRICK PLAY
STILL

FIG. 7

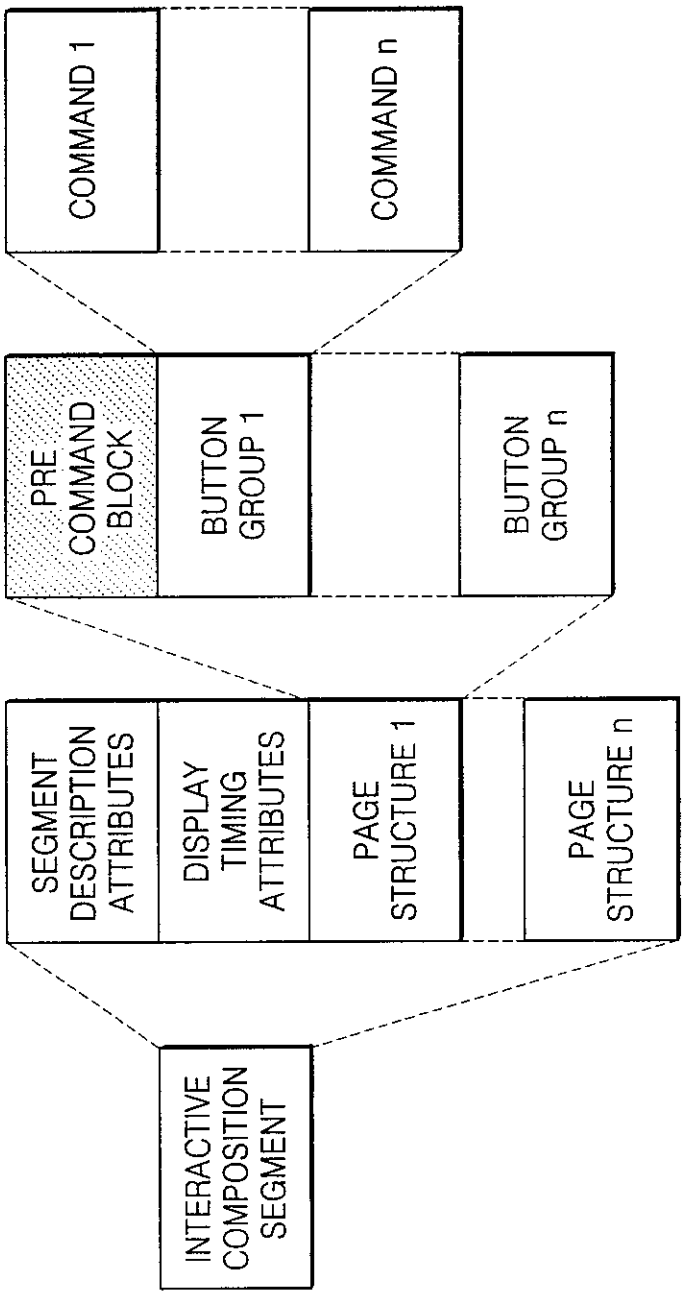

INTERACTIVE COMPOSITION SEGMENT
SEGMENT DESCRIPTION ATTRIBUTES
DISPLAY TIMING ATTRIBUTES
PAGE STRUCTURE 1
PAGE STRUCTURE n
PRE COMMAND BLOCK
BUTTON GROUP 1
BUTTON GROUP n
COMMAND 1
COMMAND n

FIG. 8

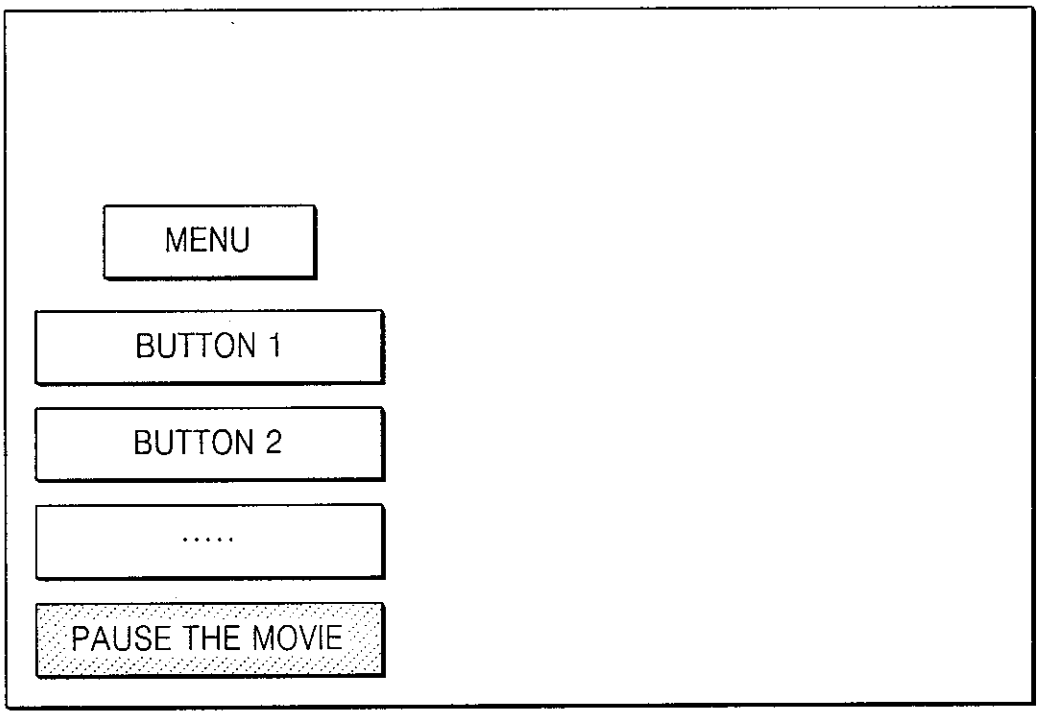
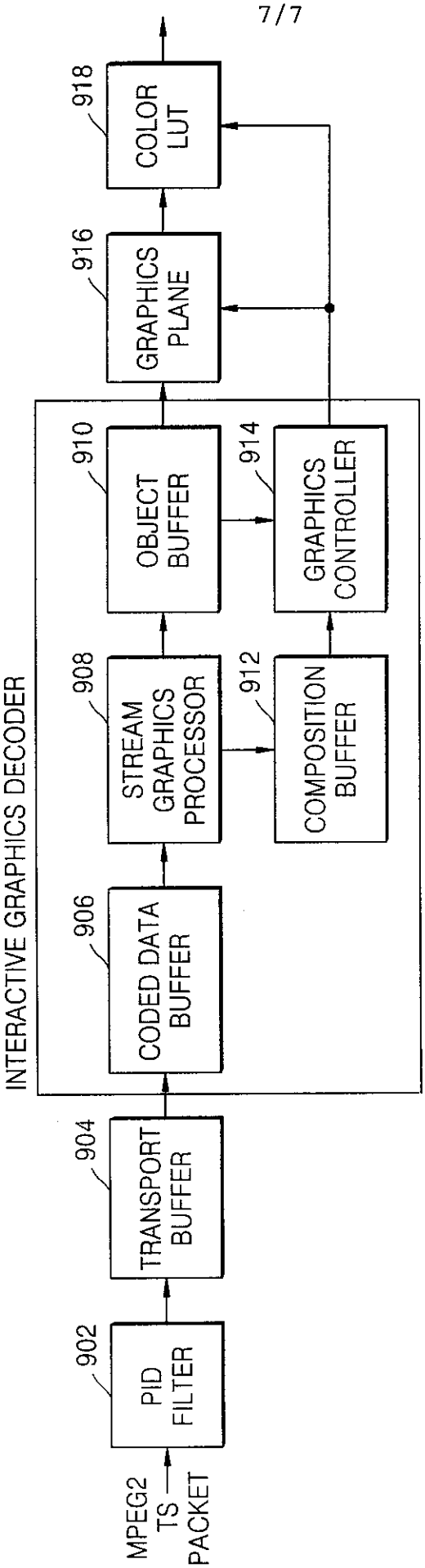


FIG. 9


MPEG2 TS PACKET
902
PID FILTER
904
TRANSPORT BUFFER
INTERACTIVE GRAPHICS DECODER
906
CODED DATA BUFFER
908
STREAM GRAPHICS PROCESSOR
912
COMPOSITION BUFFER
910
OBJECT BUFFER
914
GRAPHICS CONTROLLER
916
GRAPHICS PLANE
918
COLOR LUT