FIG. 1

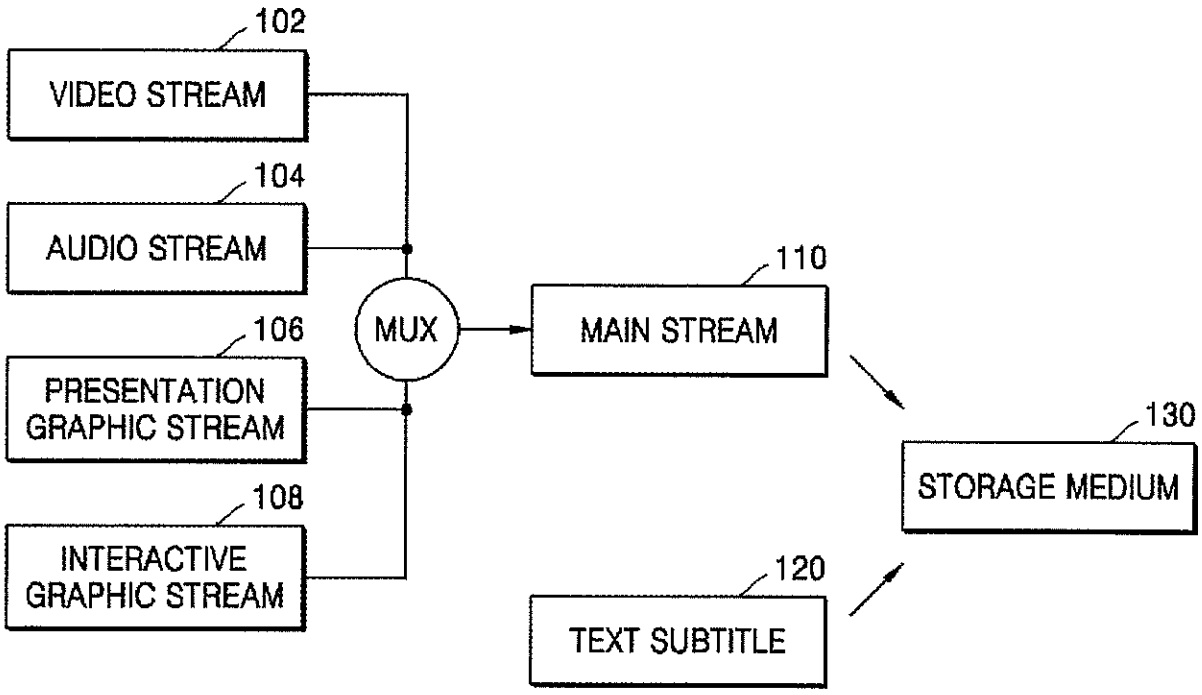

102
VIDEO STREAM
104
AUDIO STREAM
106
PRESENTATION GRAPHIC STREAM
108
INTERACTIVE GRAPHIC STREAM
MUX
110
MAIN STREAM
120
TEXT SUBTITLE
130
STORAGE MEDIUM

FIG. 2

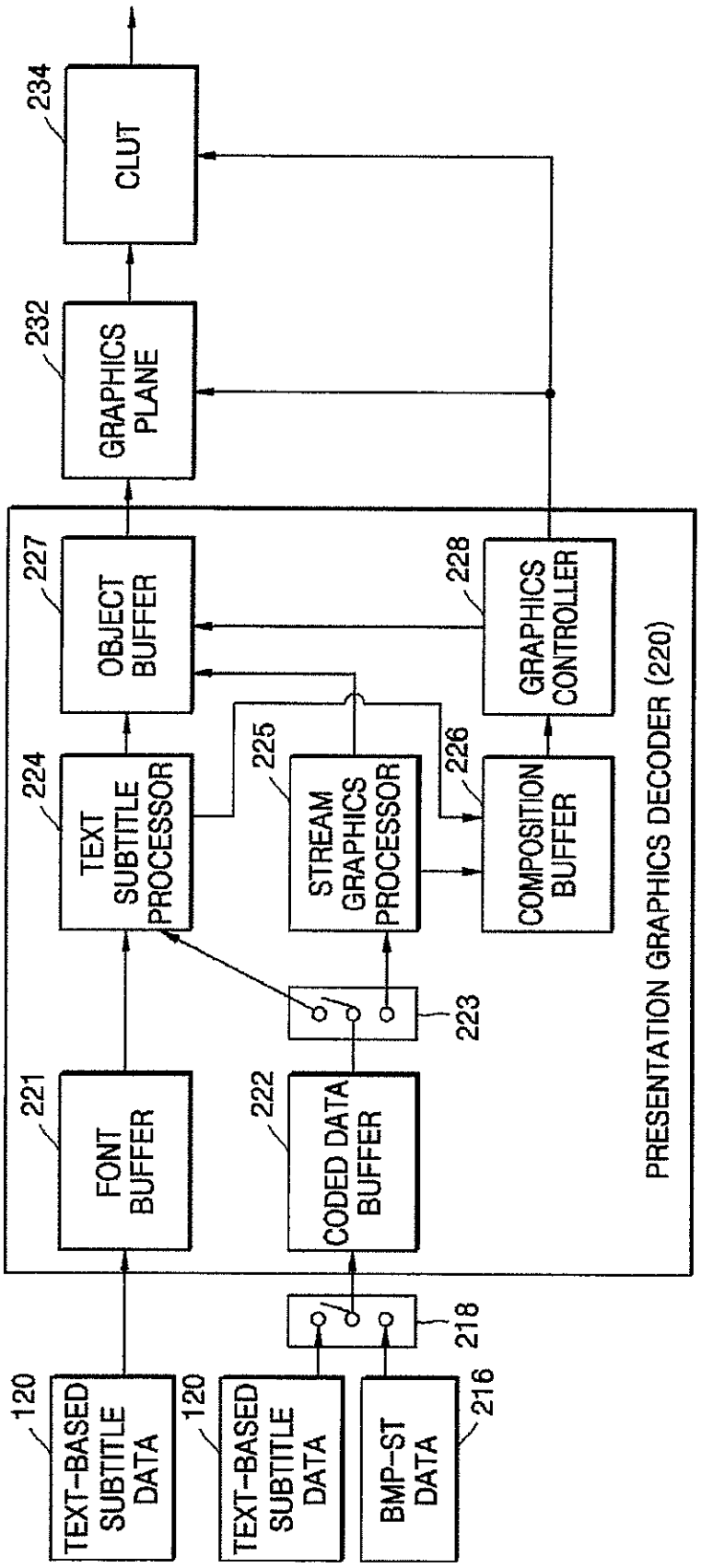

TEXT-BASED SUBTITLE DATA
120
TEXT-BASED SUBTITLE DATA
120
BMP-ST DATA
216
218
FONT BUFFER
221
CODED DATA BUFFER
222
223
TEXT SUBTITLE PROCESSOR
224
STREAM GRAPHICS PROCESSOR
225
COMPOSITION BUFFER
226
OBJECT BUFFER
227
GRAPHICS CONTROLLER
228
PRESENTATION GRAPHICS DECODER (220)
GRAPHICS PLANE
232
CLUT
234

FIG. 3

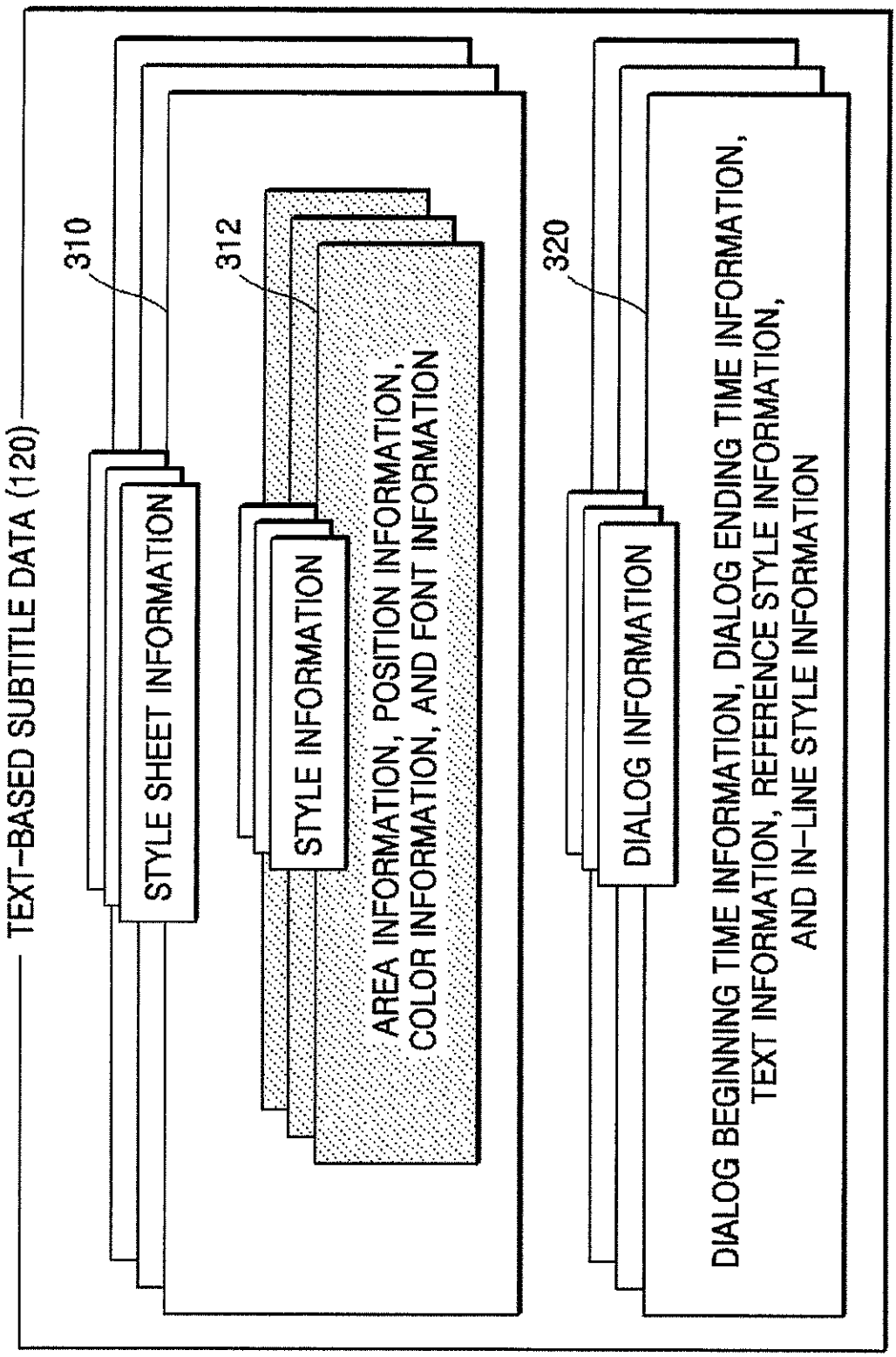

TEXT-BASED SUBTITLE DATA (120)
310
STYLE SHEET INFORMATION
312
STYLE INFORMATION
AREA INFORMATION, POSITION INFORMATION,
COLOR INFORMATION, AND FONT INFORMATION
320
DIALOG INFORMATION
DIALOG BEGINNING TIME INFORMATION, DIALOG ENDING TIME INFORMATION,
TEXT INFORMATION, REFERENCE STYLE INFORMATION,
AND IN-LINE STYLE INFORMATION

FIG. 4A

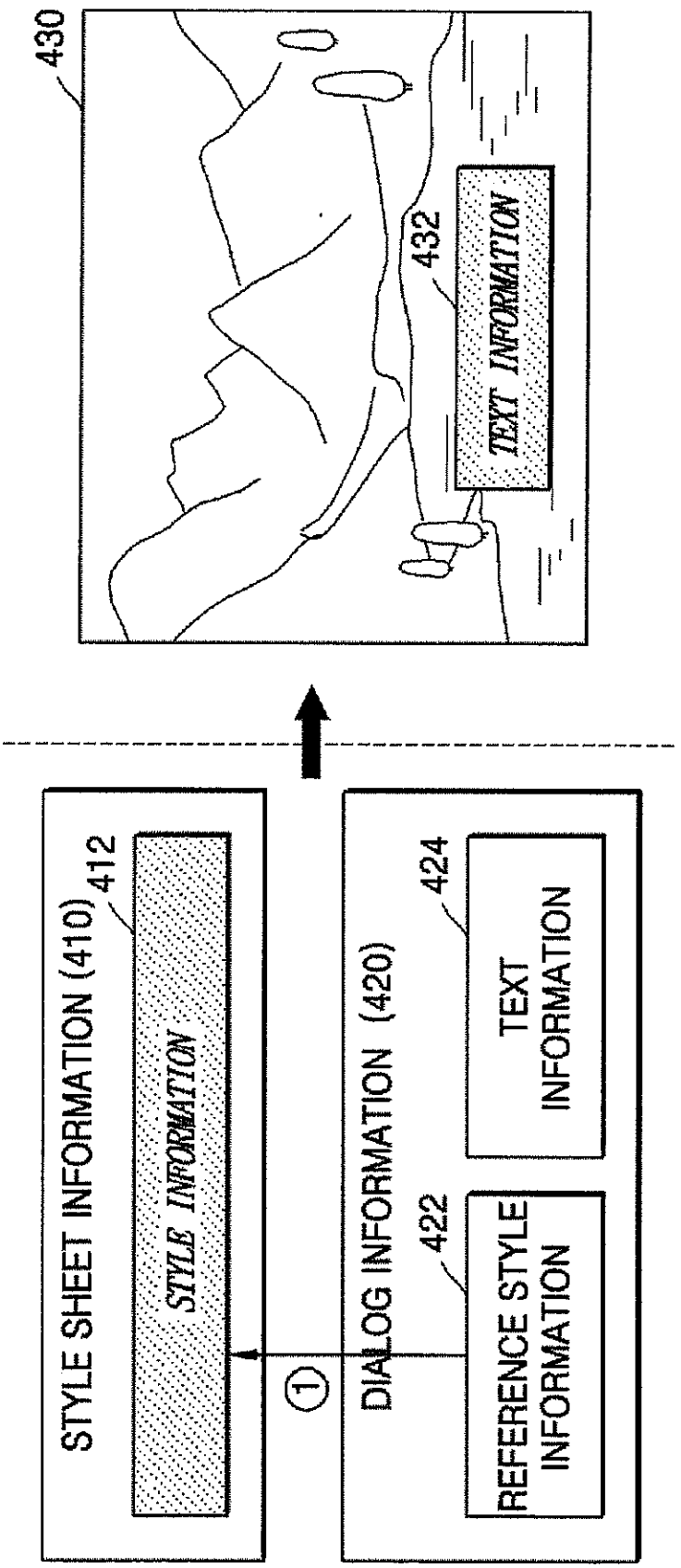

430
TEXT INFORMATION
432
STYLE SHEET INFORMATION (410)
412
STYLE INFORMATION
①
DIALOG INFORMATION (420)
424
TEXT INFORMATION
422
REFERENCE STYLE INFORMATION

FIG. 4B

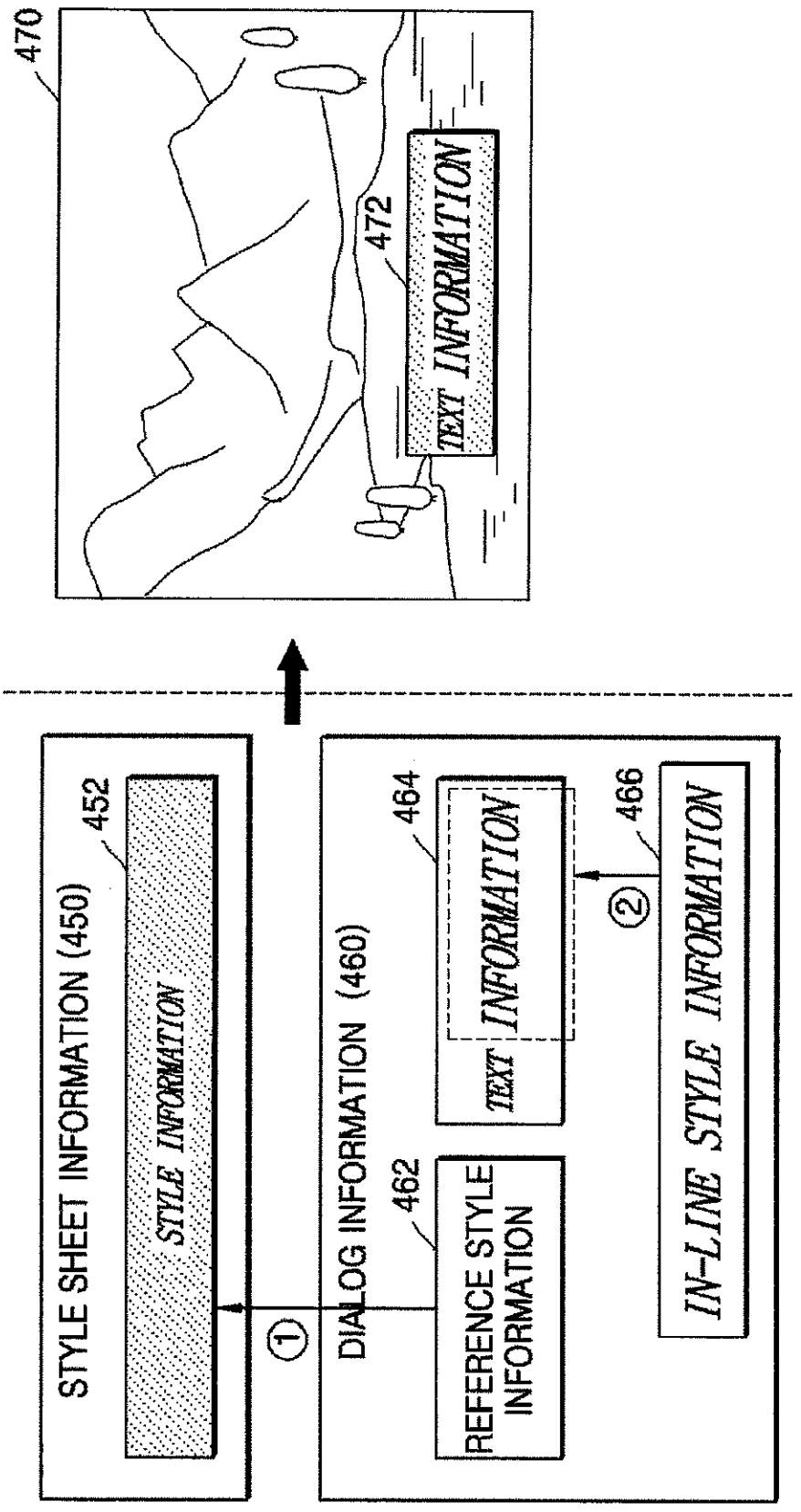

470
472
TEXT INFORMATION
STYLE SHEET INFORMATION (450)
452
STYLE INFORMATION
①
DIALOG INFORMATION (460)
462
REFERENCE STYLE INFORMATION
464
TEXT INFORMATION
②
466
IN-LINE STYLE INFORMATION

FIG. 5

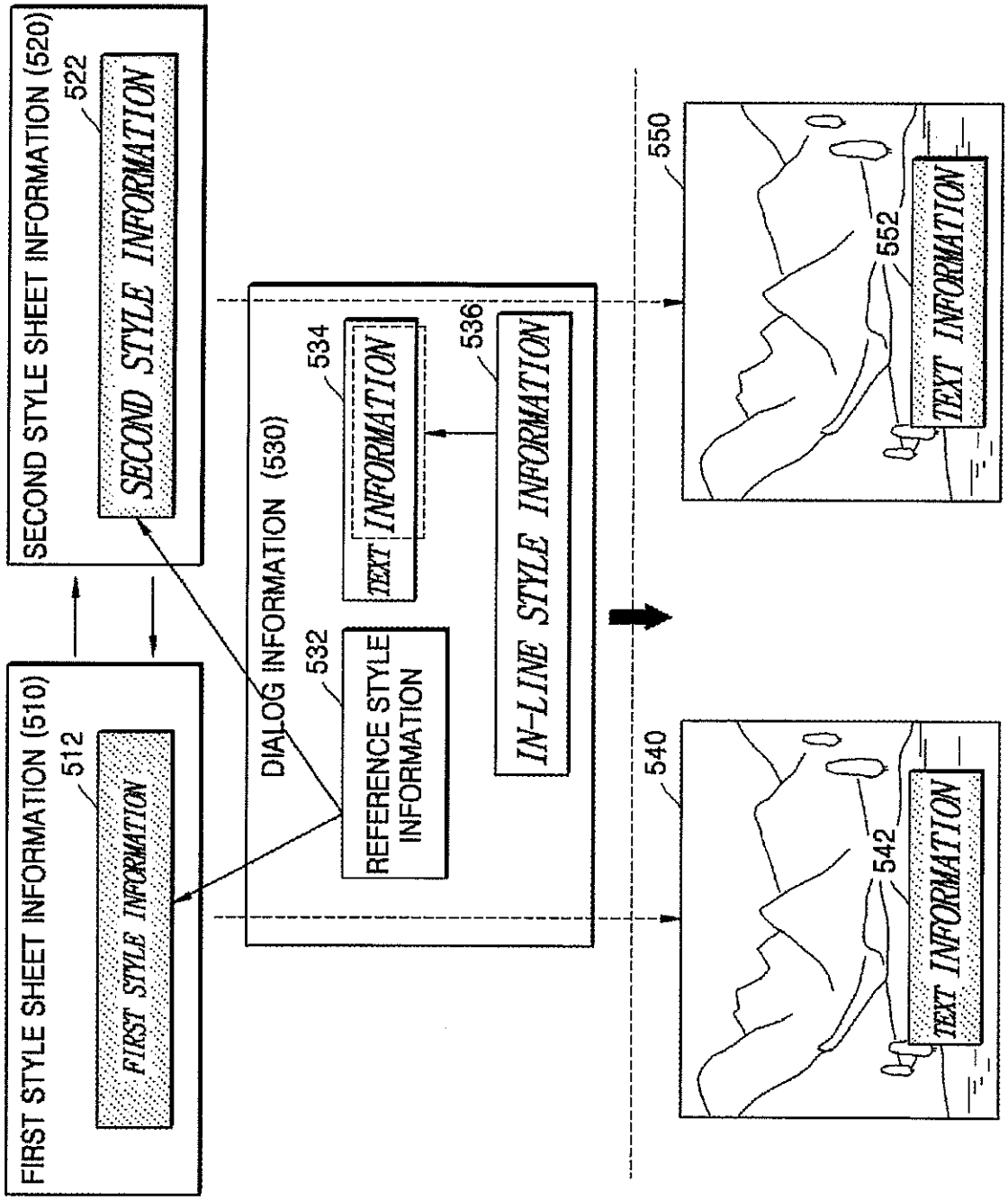

FIRST STYLE SHEET INFORMATION (510)
512
FIRST STYLE INFORMATION
SECOND STYLE SHEET INFORMATION (520)
522
SECOND STYLE INFORMATION
DIALOG INFORMATION (530)
532
REFERENCE STYLE INFORMATION
534
TEXT INFORMATION
536
IN-LINE STYLE INFORMATION
540
542
TEXT INFORMATION
550
552
TEXT INFORMATION

FIG. 6

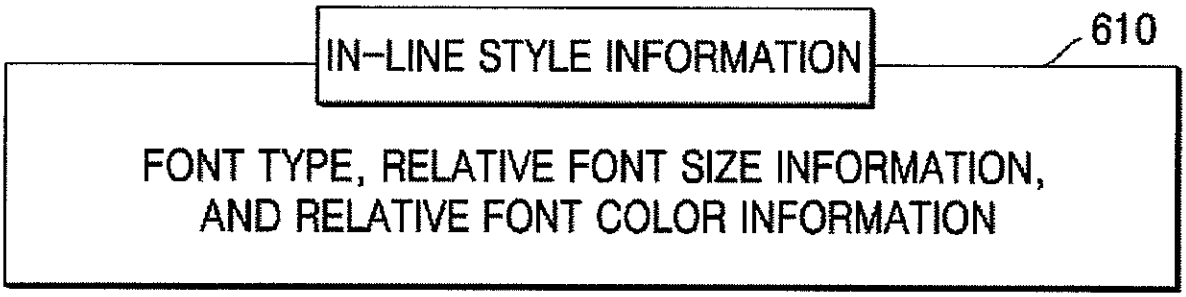

IN-LINE STYLE INFORMATION
610
FONT TYPE, RELATIVE FONT SIZE INFORMATION,
AND RELATIVE FONT COLOR INFORMATION

FIG. 7

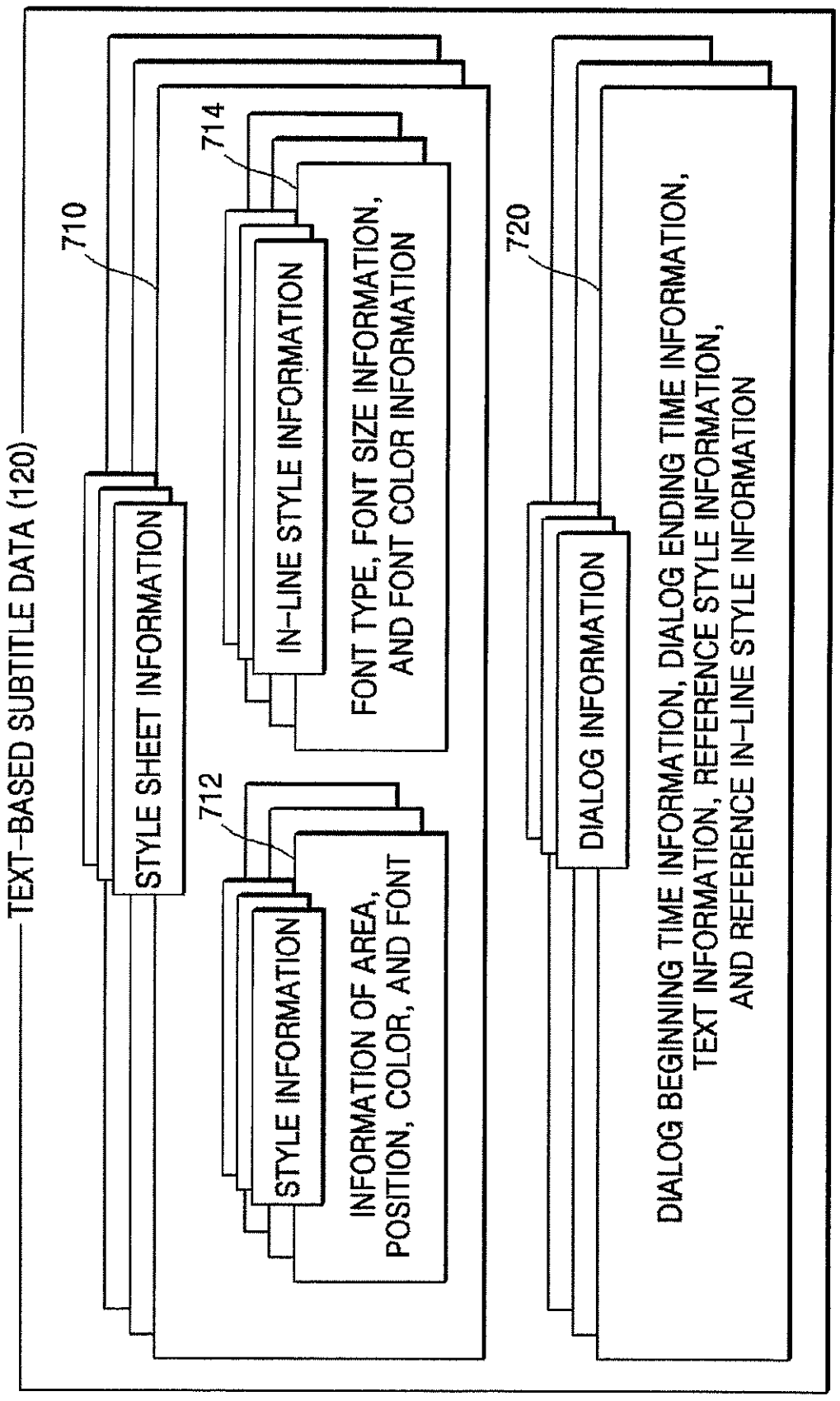

TEXT-BASED SUBTITLE DATA (120)
710
STYLE SHEET INFORMATION
712
STYLE INFORMATION
INFORMATION OF AREA, POSITION, COLOR, AND FONT
714
IN-LINE STYLE INFORMATION
FONT TYPE, FONT SIZE INFORMATION, AND FONT COLOR INFORMATION
720
DIALOG INFORMATION
DIALOG BEGINNING TIME INFORMATION, DIALOG ENDING TIME INFORMATION, TEXT INFORMATION, REFERENCE STYLE INFORMATION, AND REFERENCE IN-LINE STYLE INFORMATION

FIG. 8

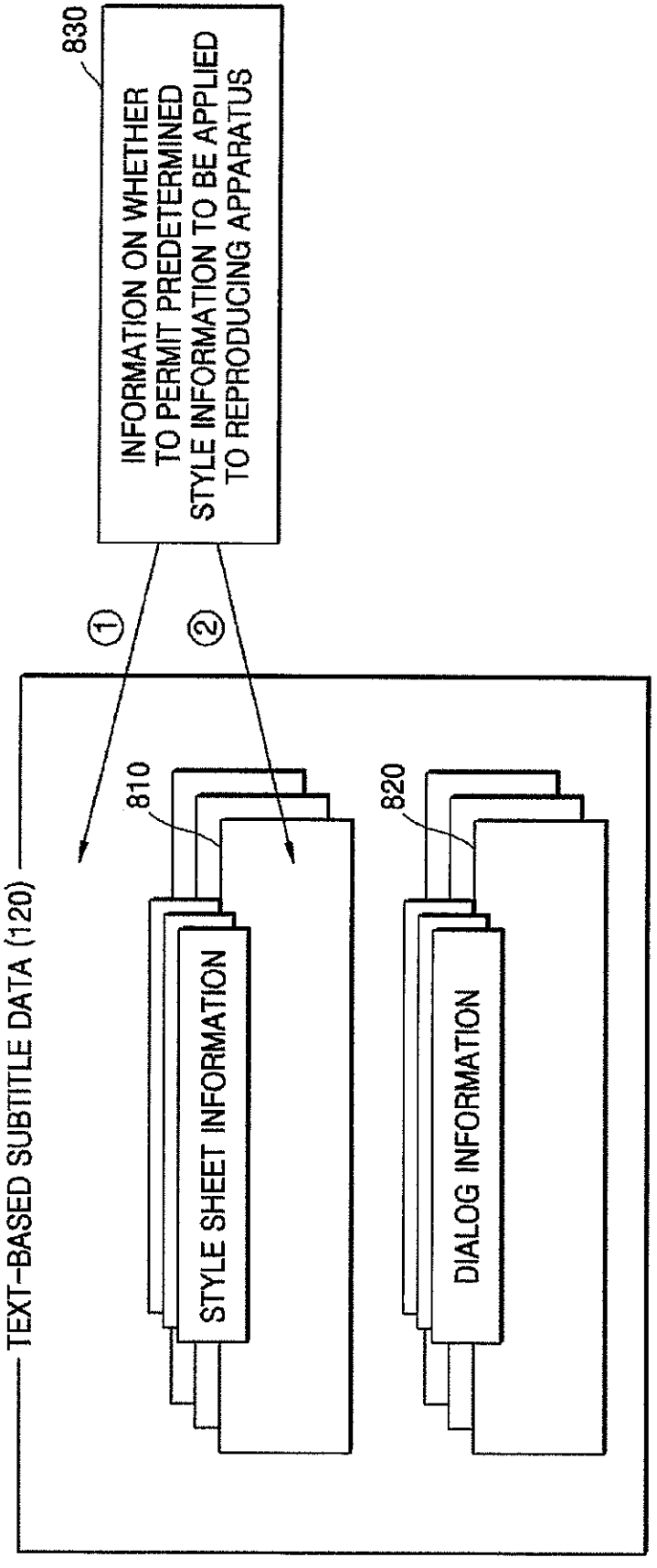
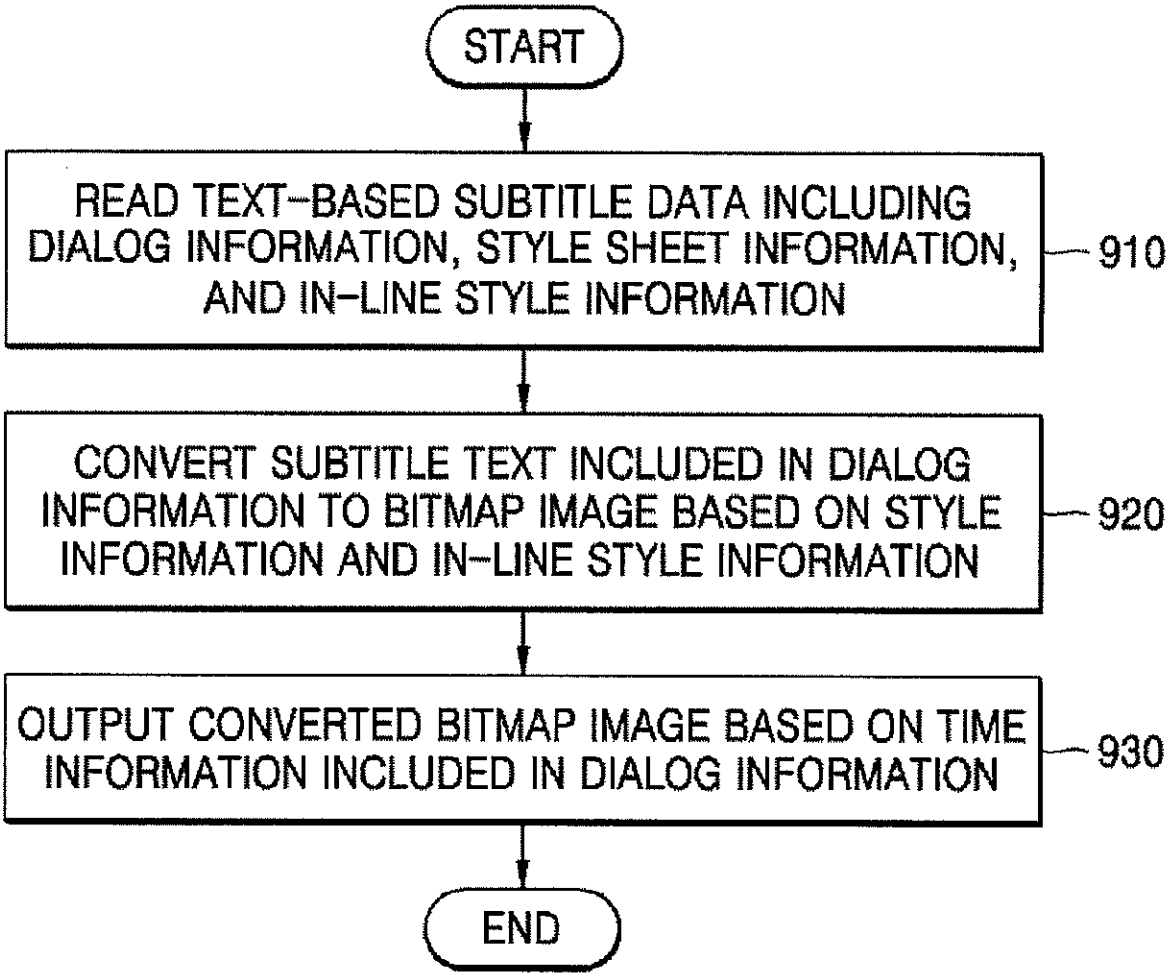

830
INFORMATION ON WHETHER TO PERMIT PREDETERMINED STYLE INFORMATION TO BE APPLIED TO REPRODUCING APPARATUS
①
②
TEXT-BASED SUBTITLE DATA (120)
810
STYLE SHEET INFORMATION
820
DIALOG INFORMATION

FIG. 9


START
READ TEXT-BASED SUBTITLE DATA INCLUDING DIALOG INFORMATION, STYLE SHEET INFORMATION, AND IN-LINE STYLE INFORMATION
910
CONVERT SUBTITLE TEXT INCLUDED IN DIALOG INFORMATION TO BITMAP IMAGE BASED ON STYLE INFORMATION AND IN-LINE STYLE INFORMATION
920
OUTPUT CONVERTED BITMAP IMAGE BASED ON TIME INFORMATION INCLUDED IN DIALOG INFORMATION
930
END