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(54) **STREAMING ENCODED VIDEO DATA**

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(57) **ABSTRACT**

A source device may signal characteristics of a media presentation description (MPD) file such that a destination device may select one of a number of presentations corresponding to the MPD file and retrieve one or more video files of the selected presentation. In one example, an apparatus for transporting encoded video data includes a management unit configured to receive encoded video data comprising a number of video segments and forms a presentation comprising a number of video files, each of the video files corresponding to a respective one of the video segments, and a network interface configured to, in response to a request specifying a temporal section of the video data, output at least one of the video files corresponding to the number of video segments of the requested temporal section. A client may request temporally sequential fragments from different ones of the presentations.
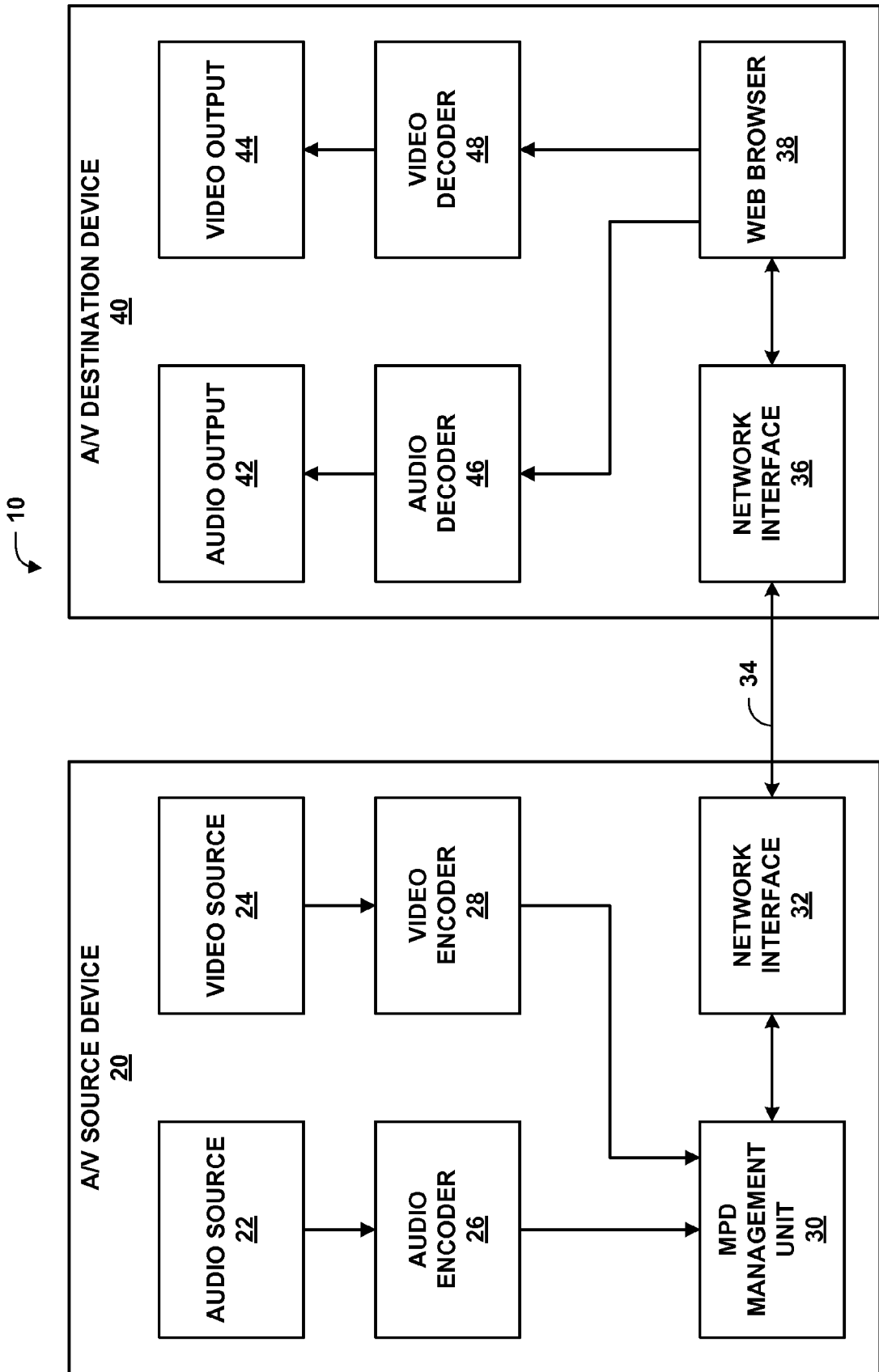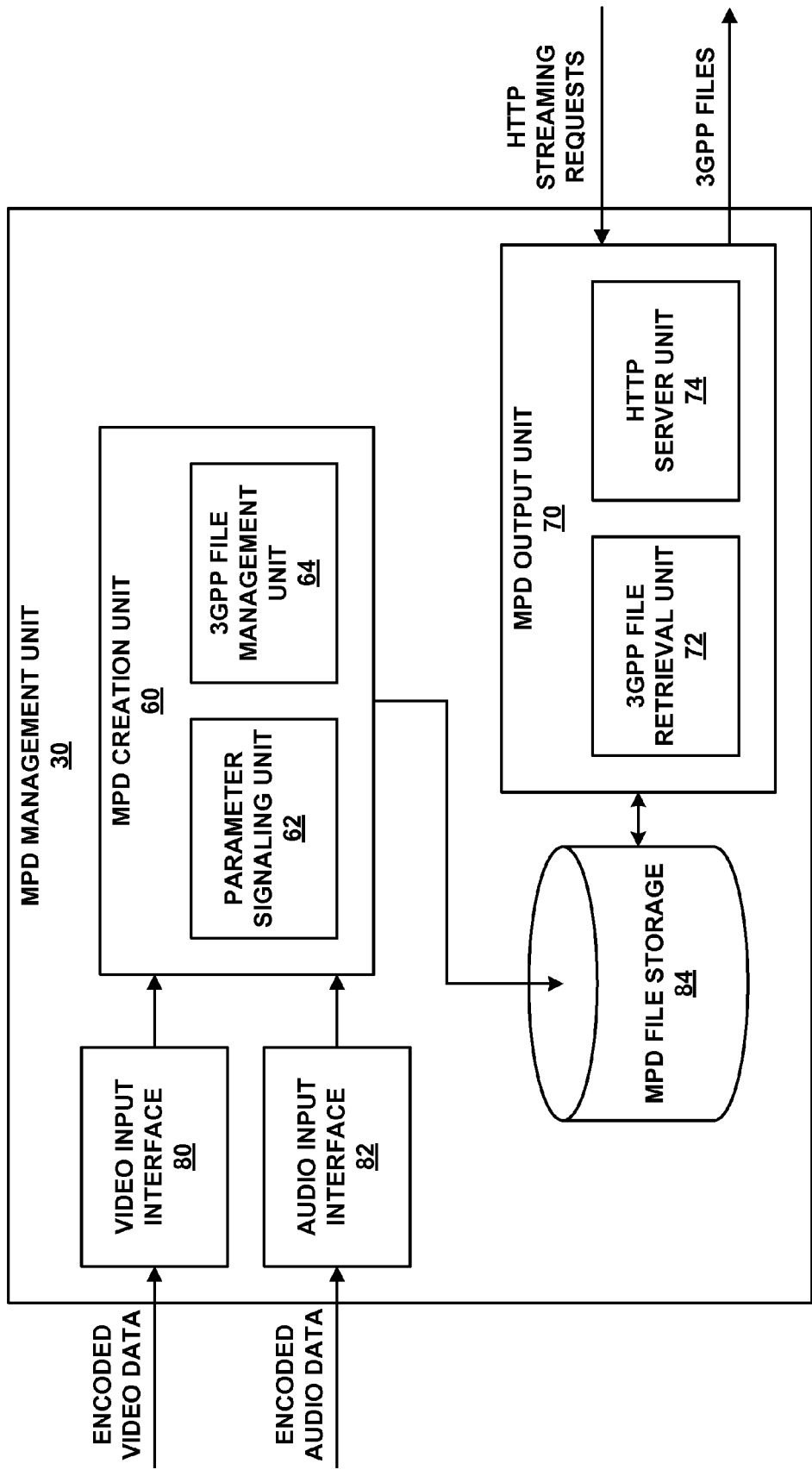
FIG. 1

FIG. 2

MPD FILE STORAGE
84

MPD FILE
90

UNIFORM
RESOURCE
LOCATOR
92

DURATION
VALUE
94

BASE UNIFORM
RESOURCE
NAME
96

PRESENTATION
100A

PRESENTATION
IDENTIFIER
102A

INCREMENTAL
URN
104A

PROFILE IDC
VALUE
106A

LEVEL IDC
VALUE
108A

FRAME RATE
VALUE
110A

PICTURE WIDTH
VALUE
112A

PICTURE
HEIGHT VALUE
114A

TIMING
INFORMATION
ATTRIBUTES
116A

3GPP FILE
IDENTIFIERS
118A
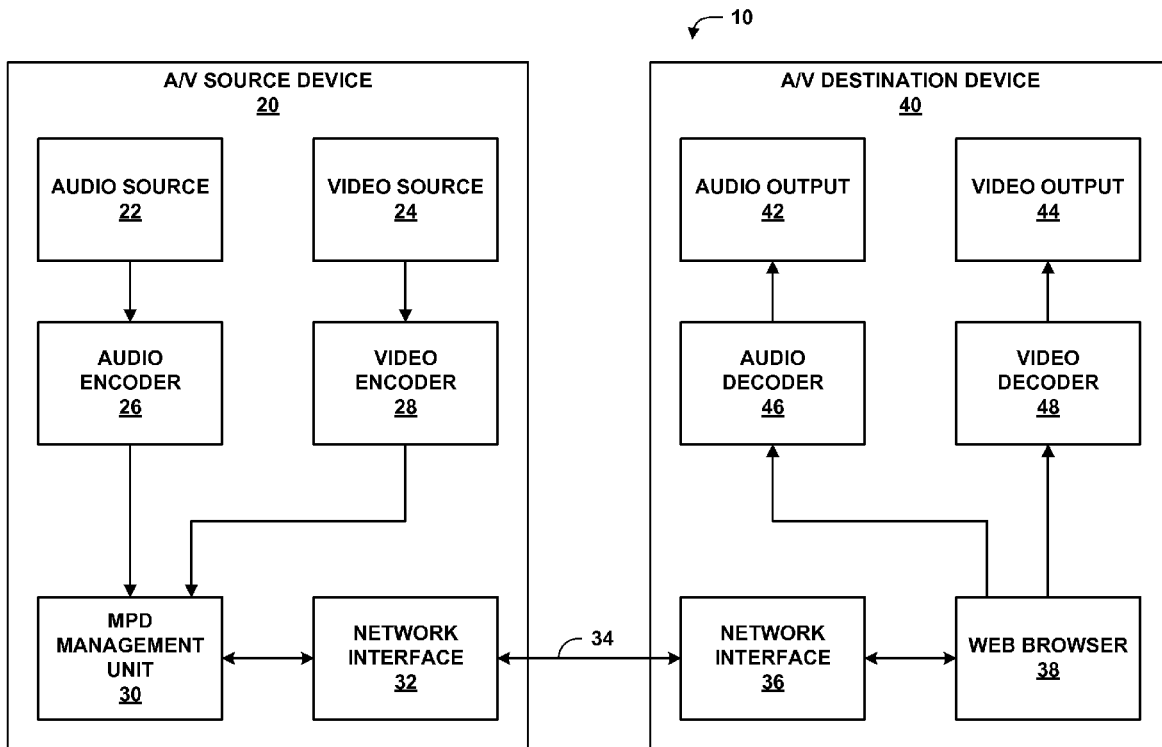
FIG. 3

FIG. 4

DOCKET ALARM
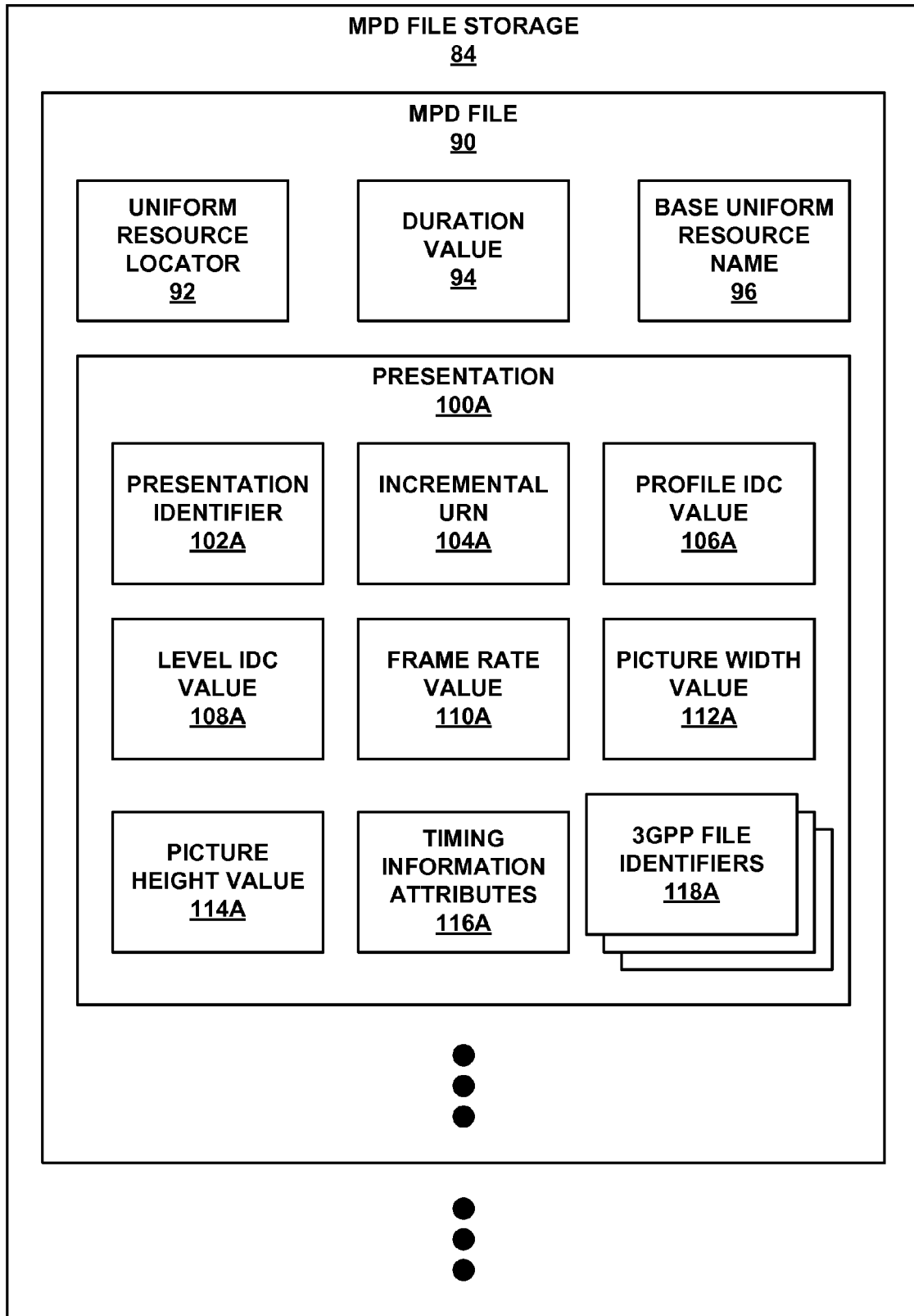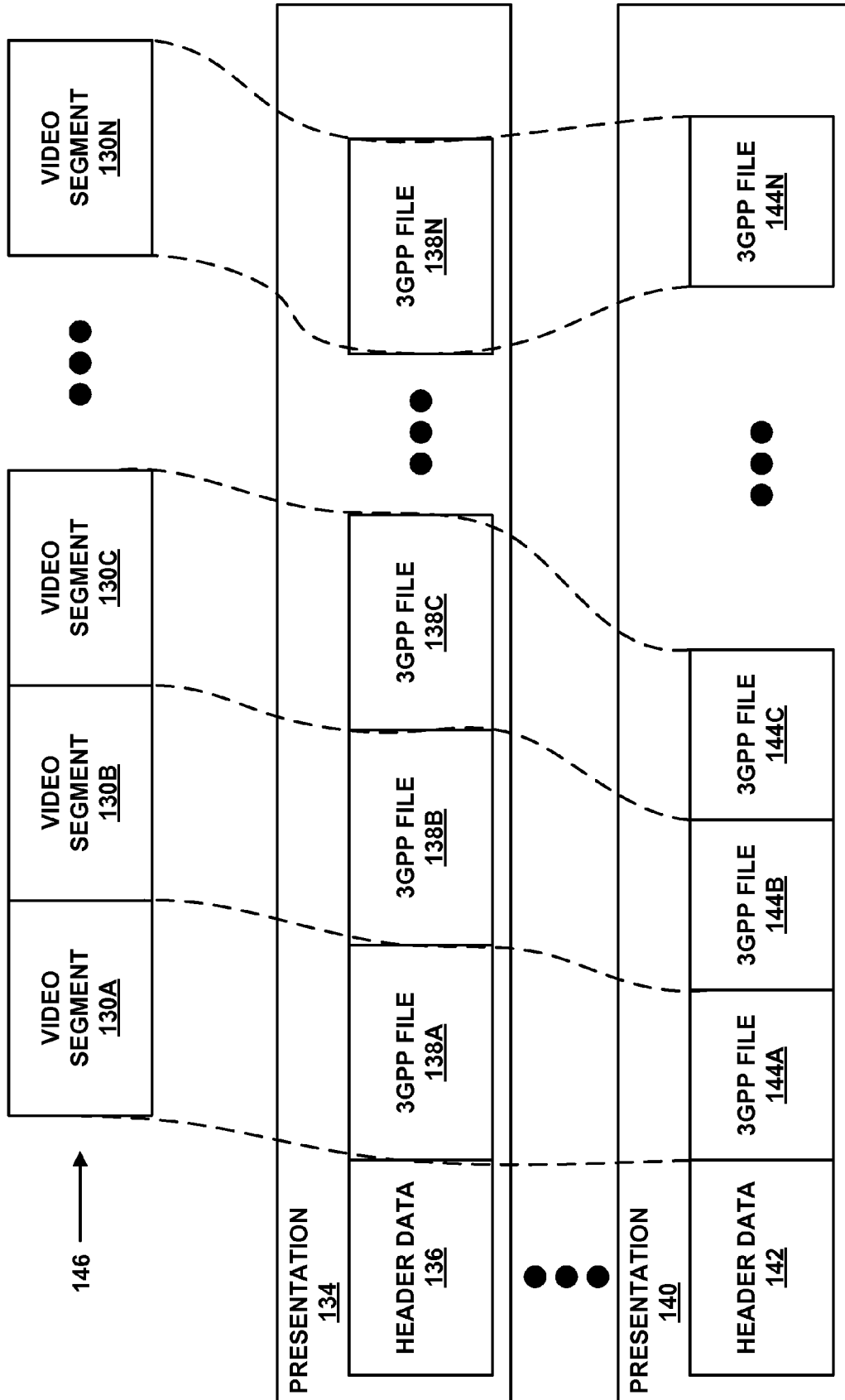
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