

FIG. 1

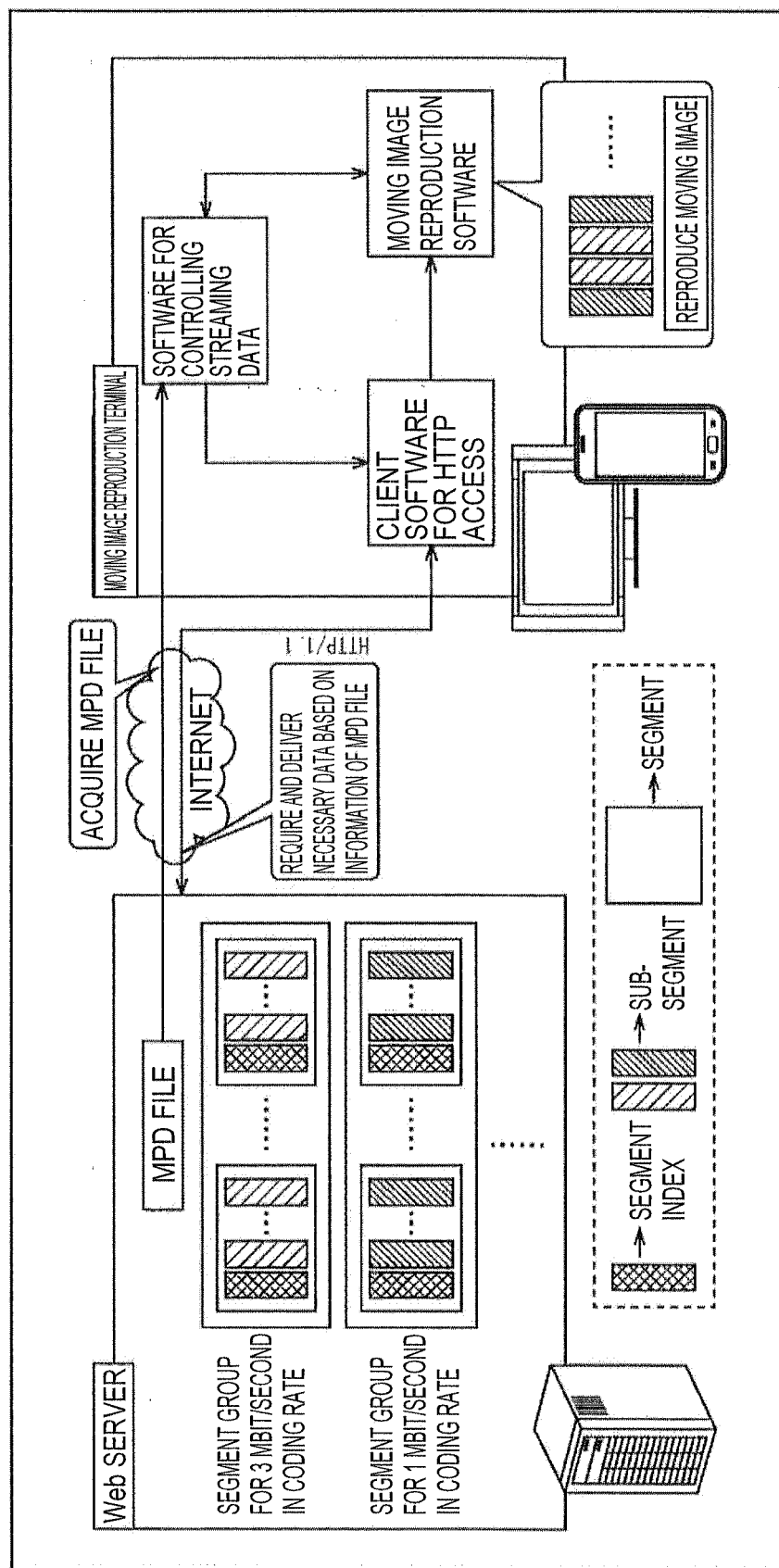


FIG. 2

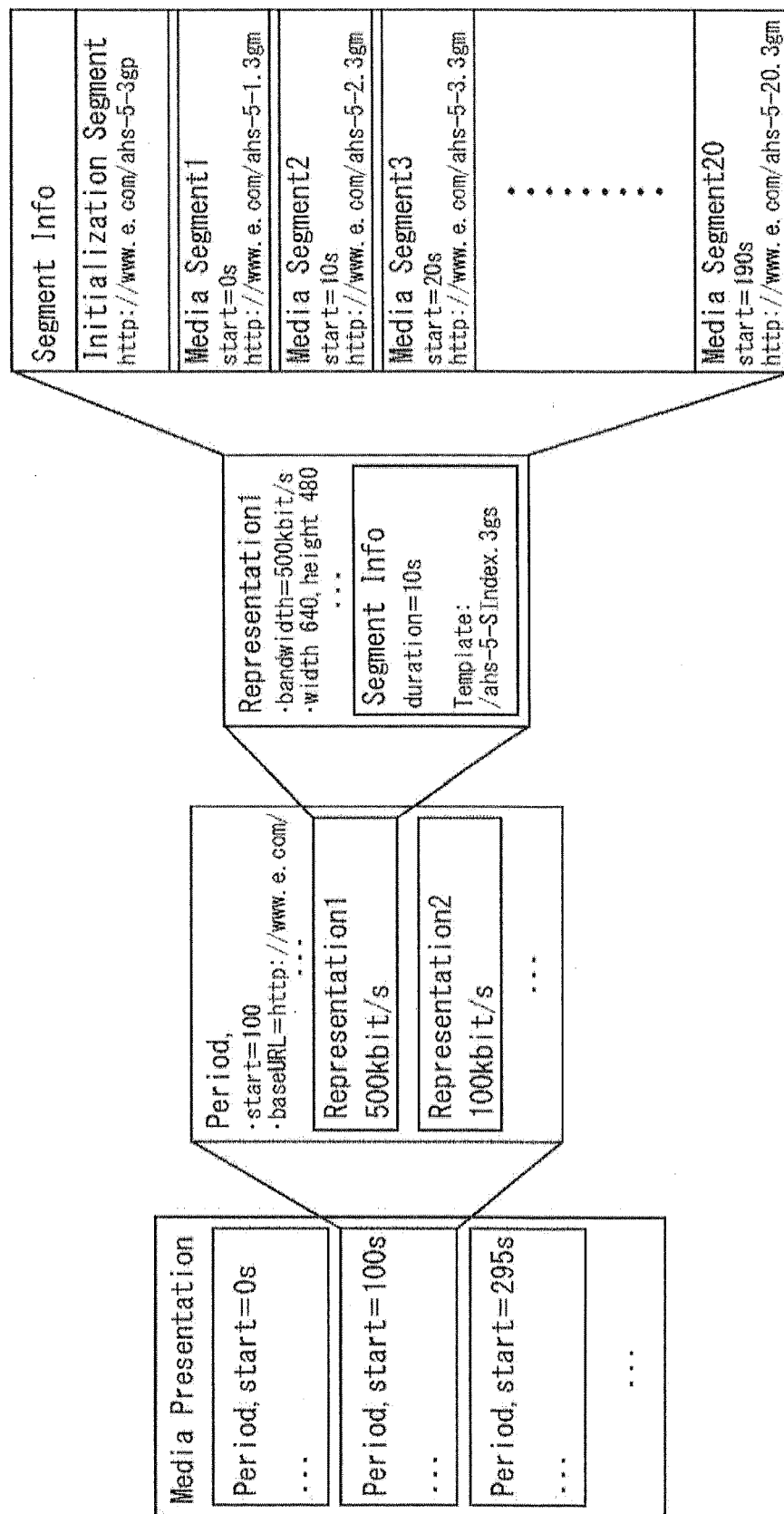


FIG. 3

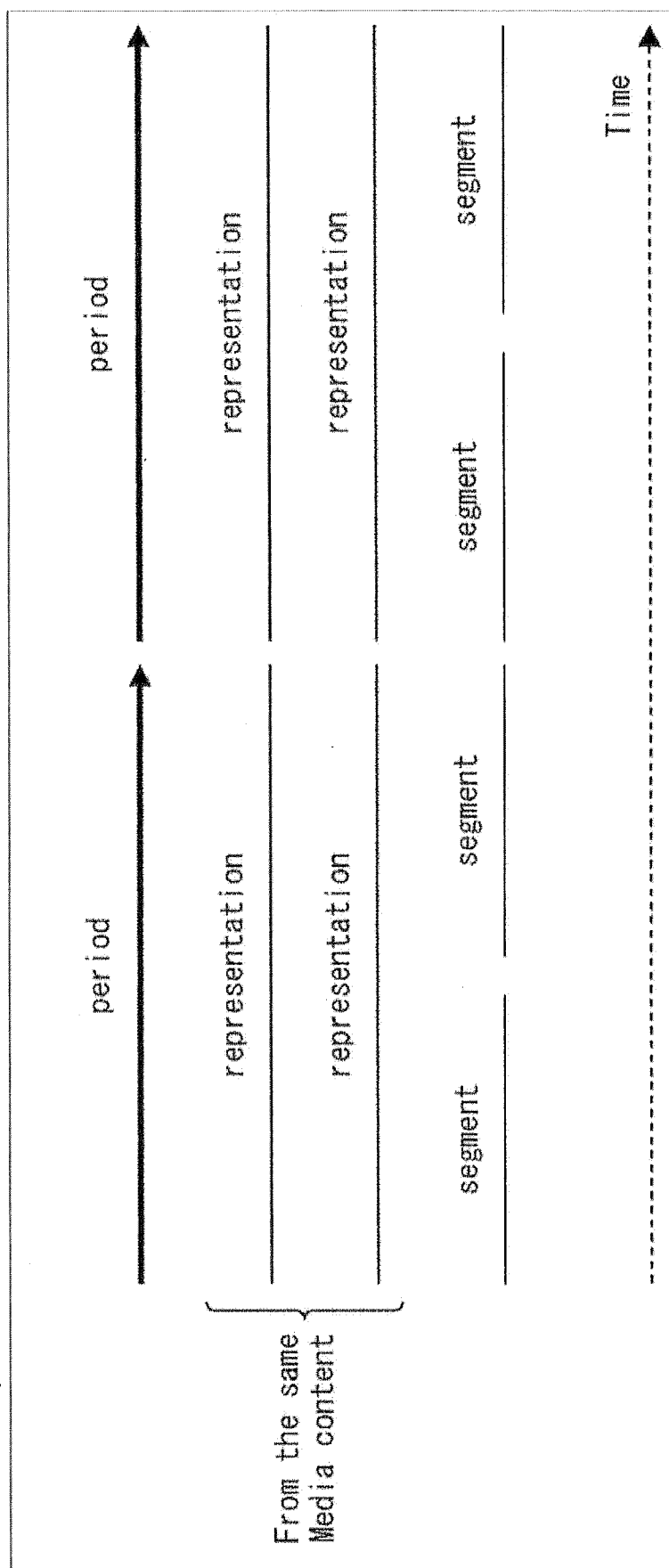


FIG. 4

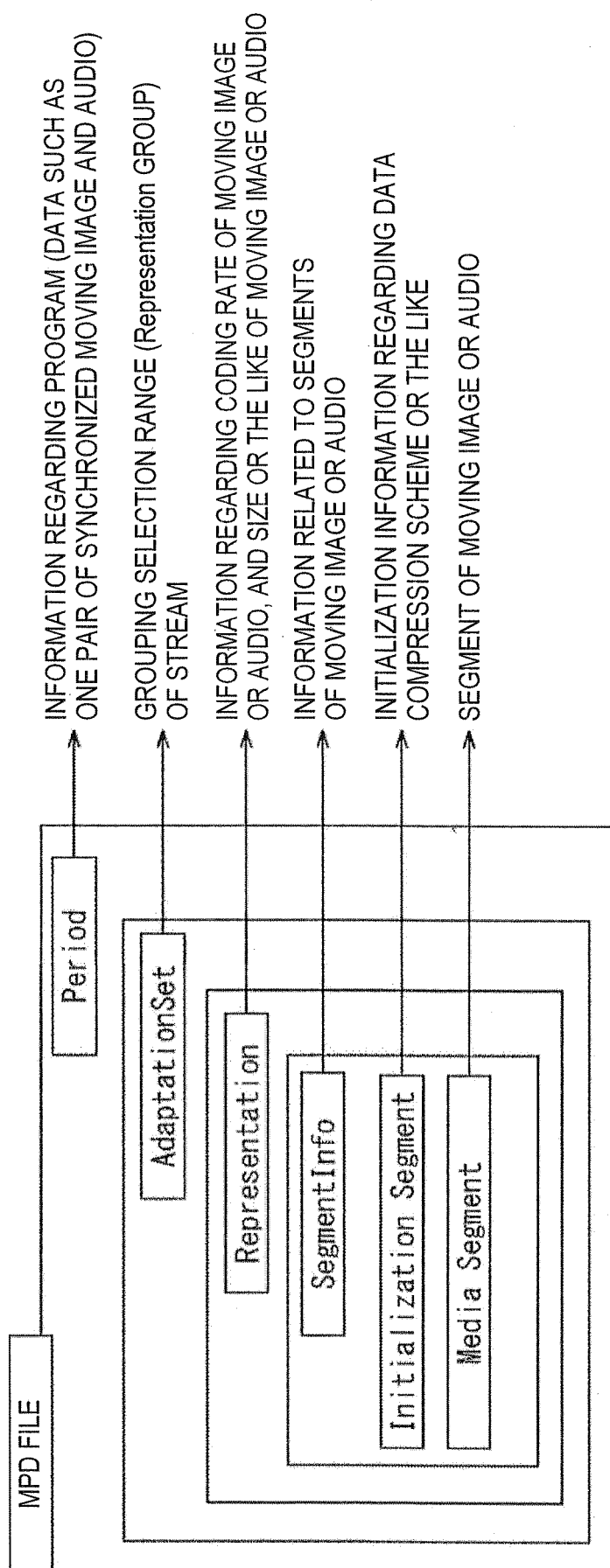


FIG. 5

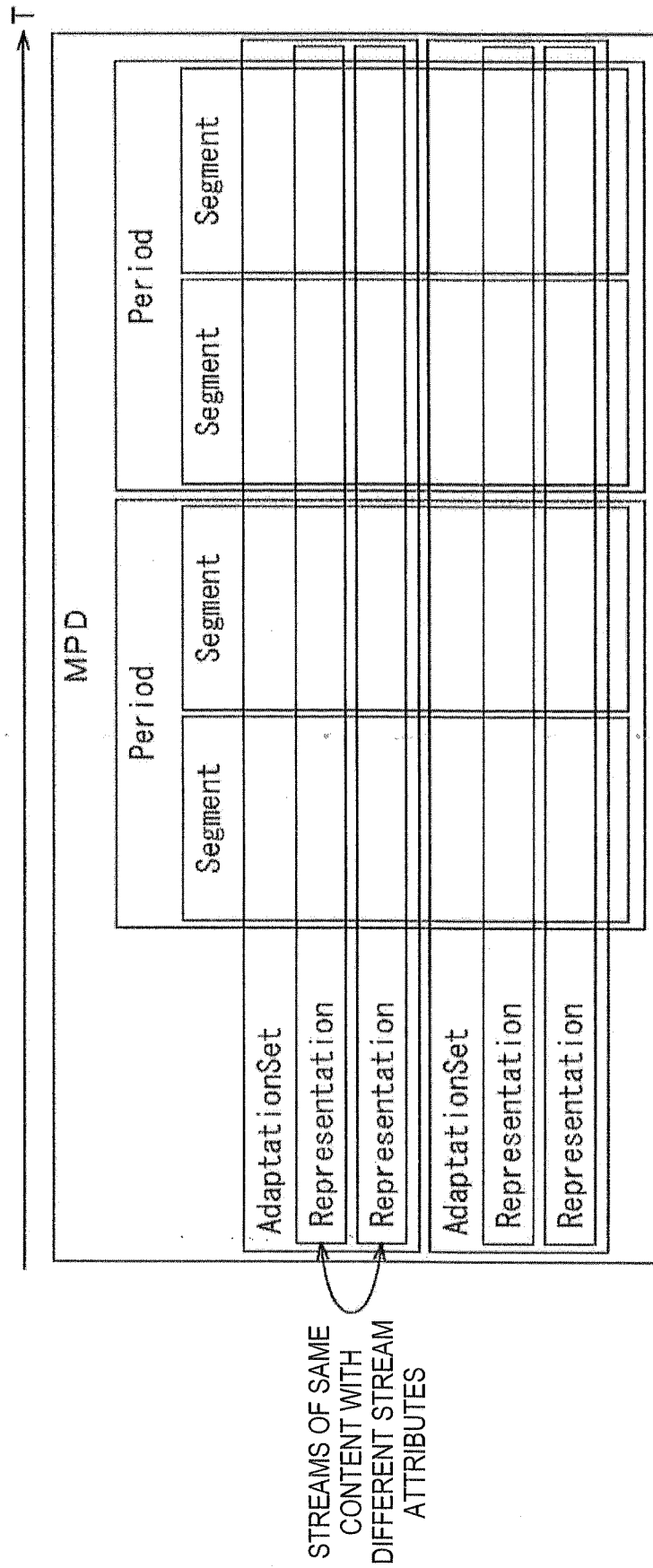


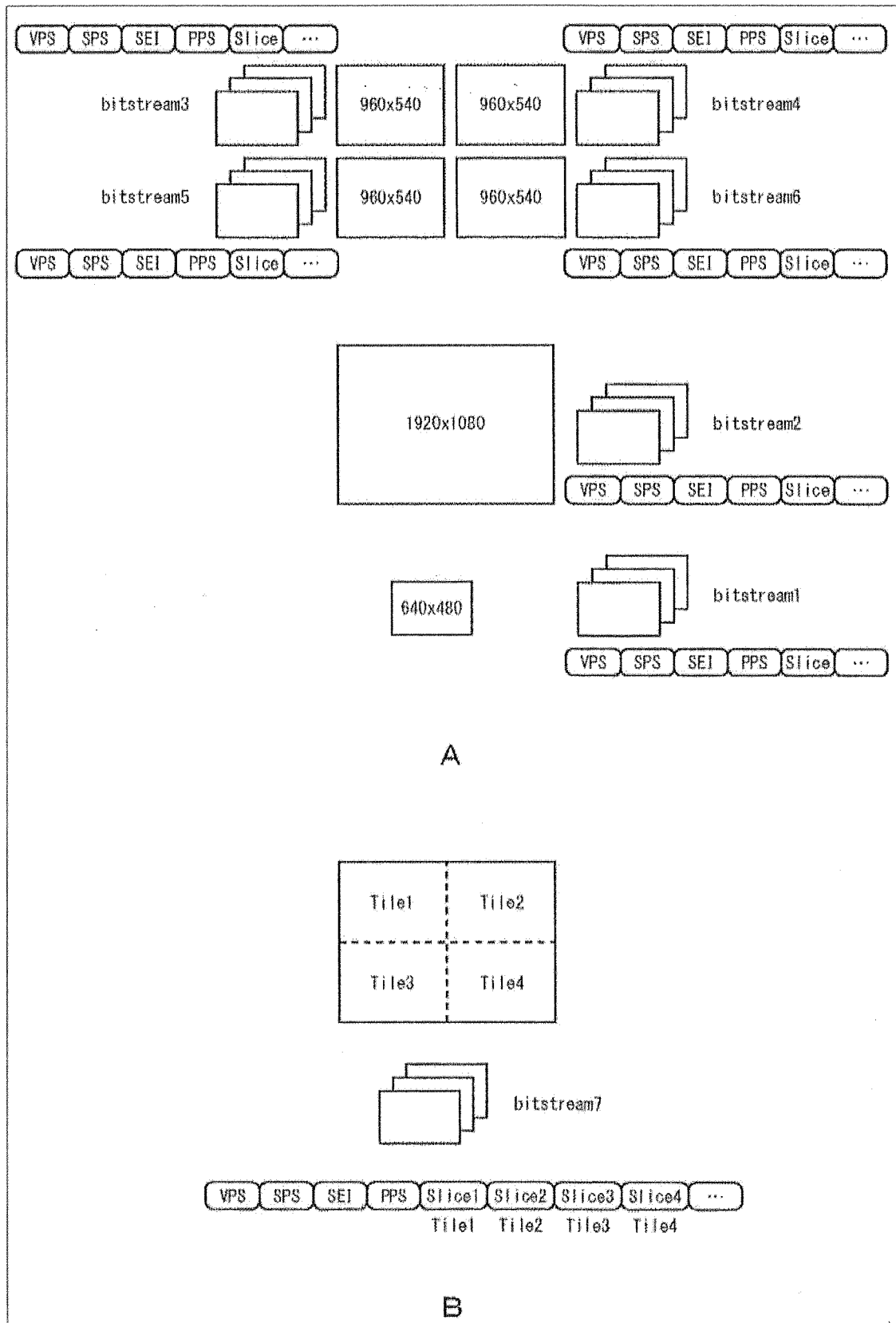
FIG. 6

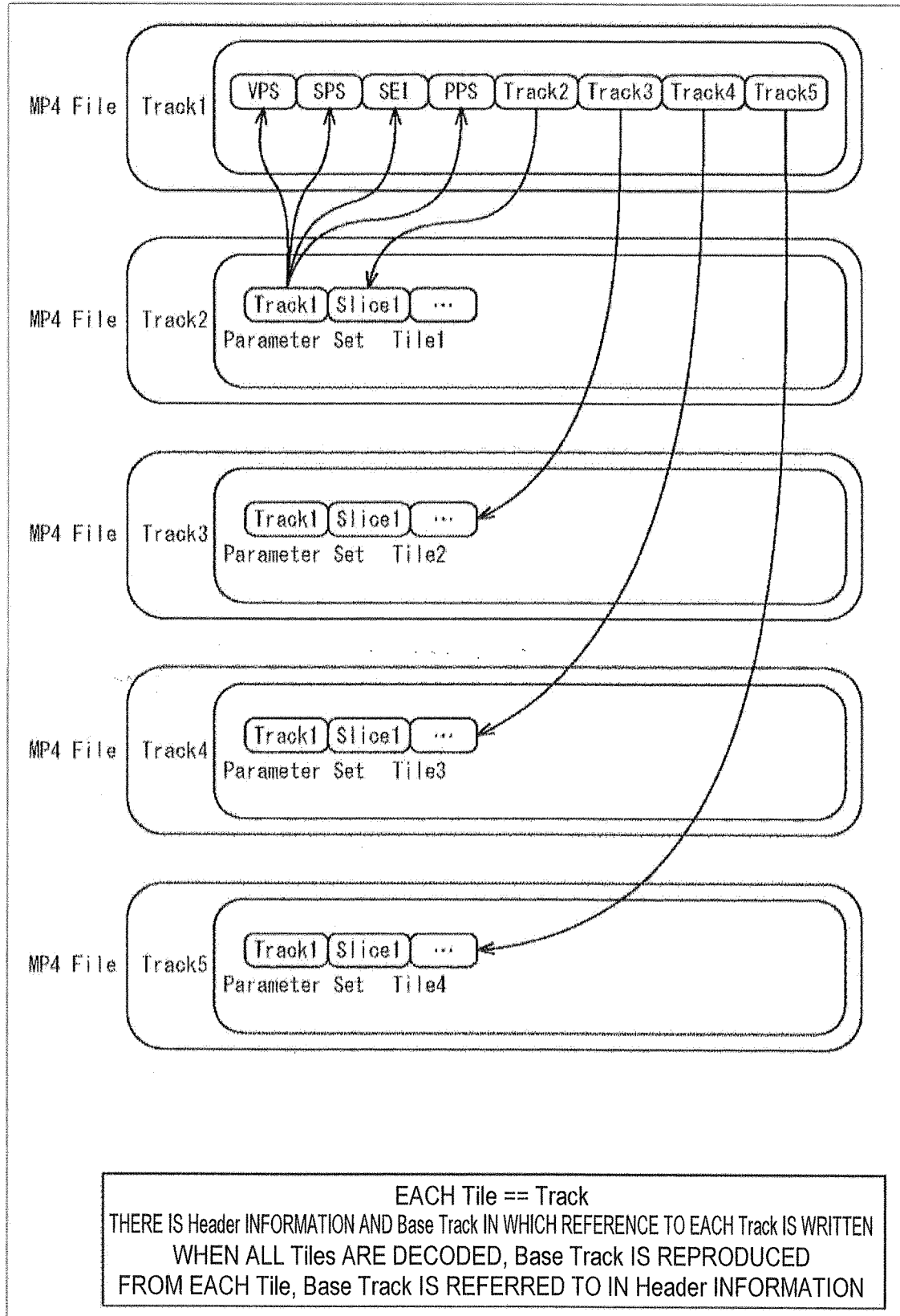
FIG. 7

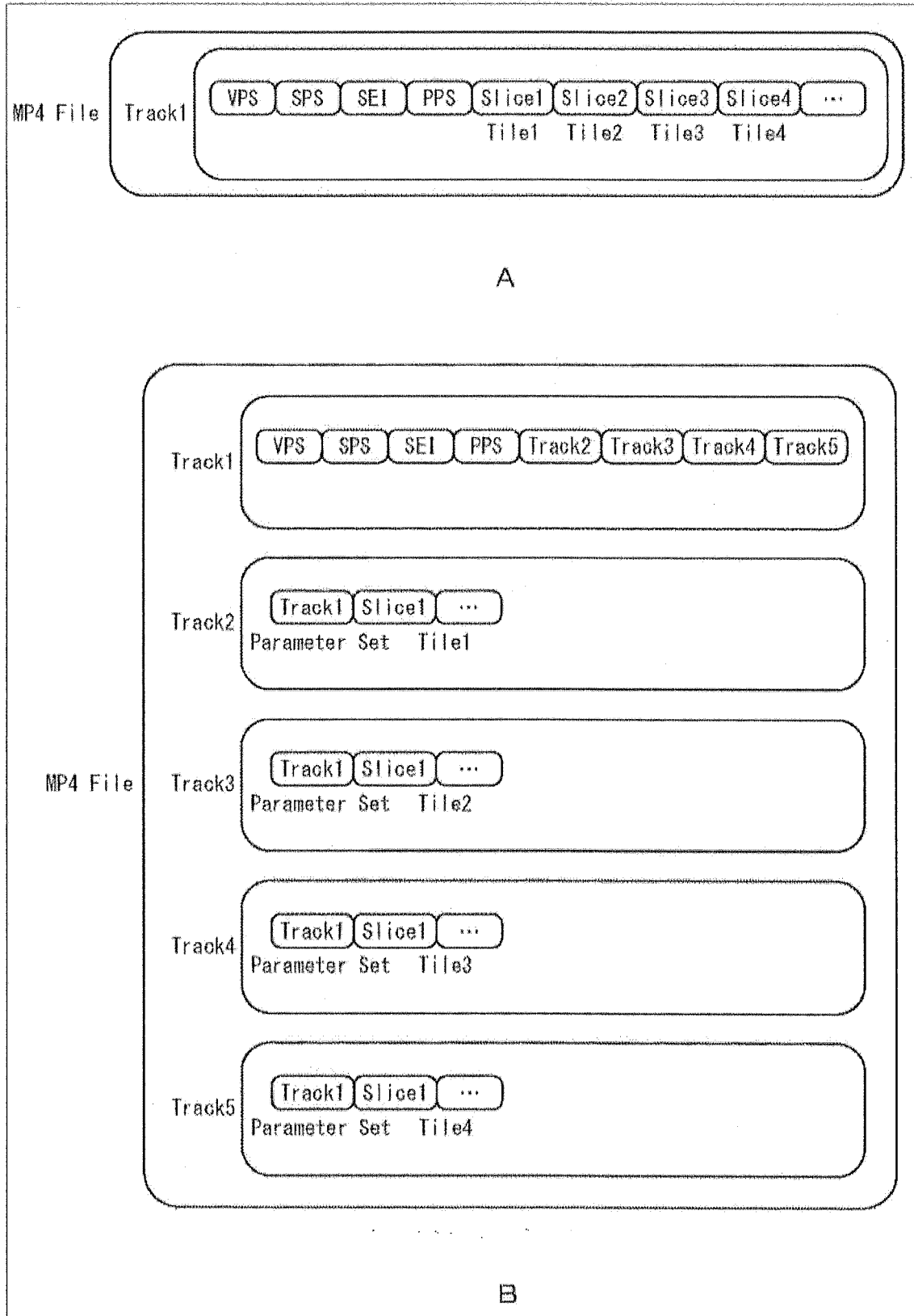
FIG. 8

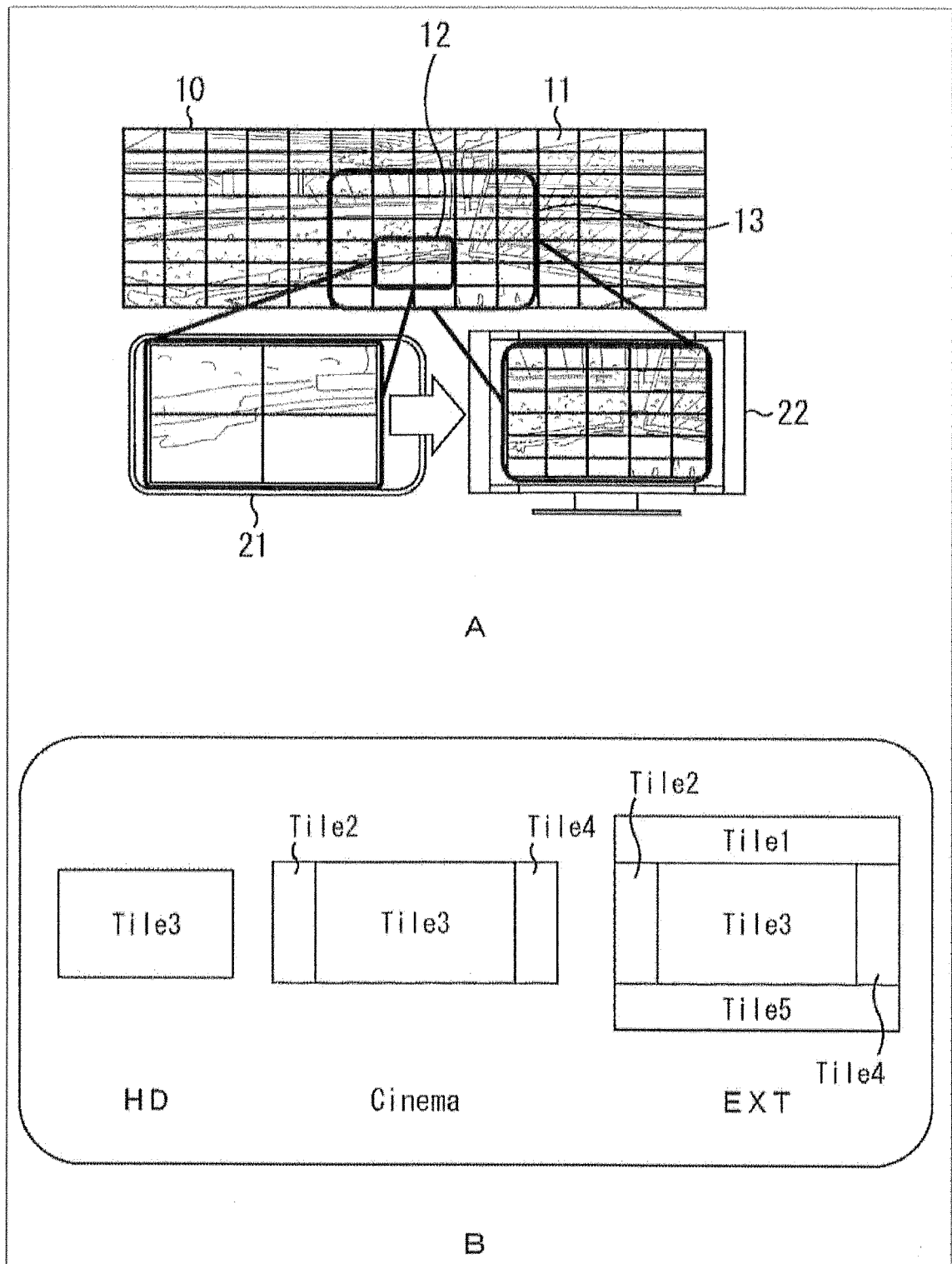
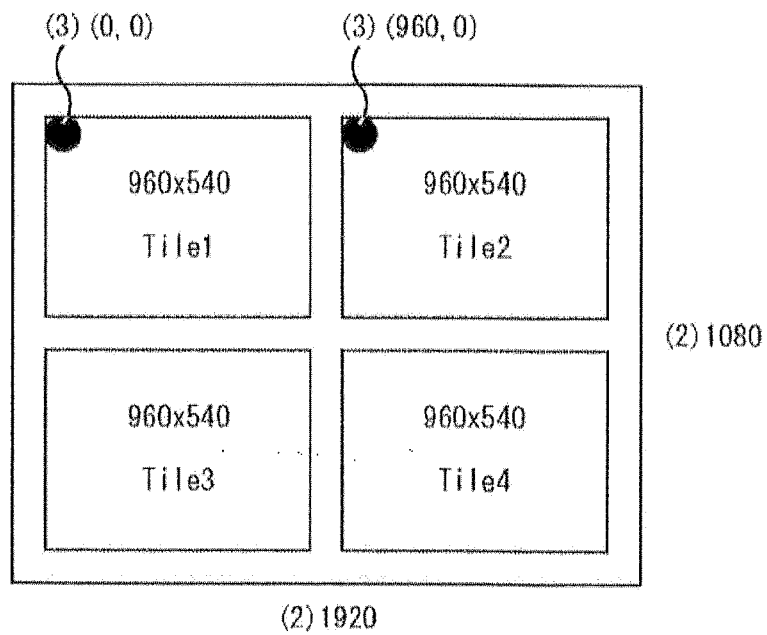
FIG. 9

FIG. 10

<Viewpoint schemelIdUri="urn:mpeg:DASH:tile:2013" value="(1)viewtype, (2)width OF ENTIRE IMAGE, (2) height OF ENTIRE IMAGE, (3)x COORDINATE, (3)y COORDINATE, (4) TilegroupID">

A

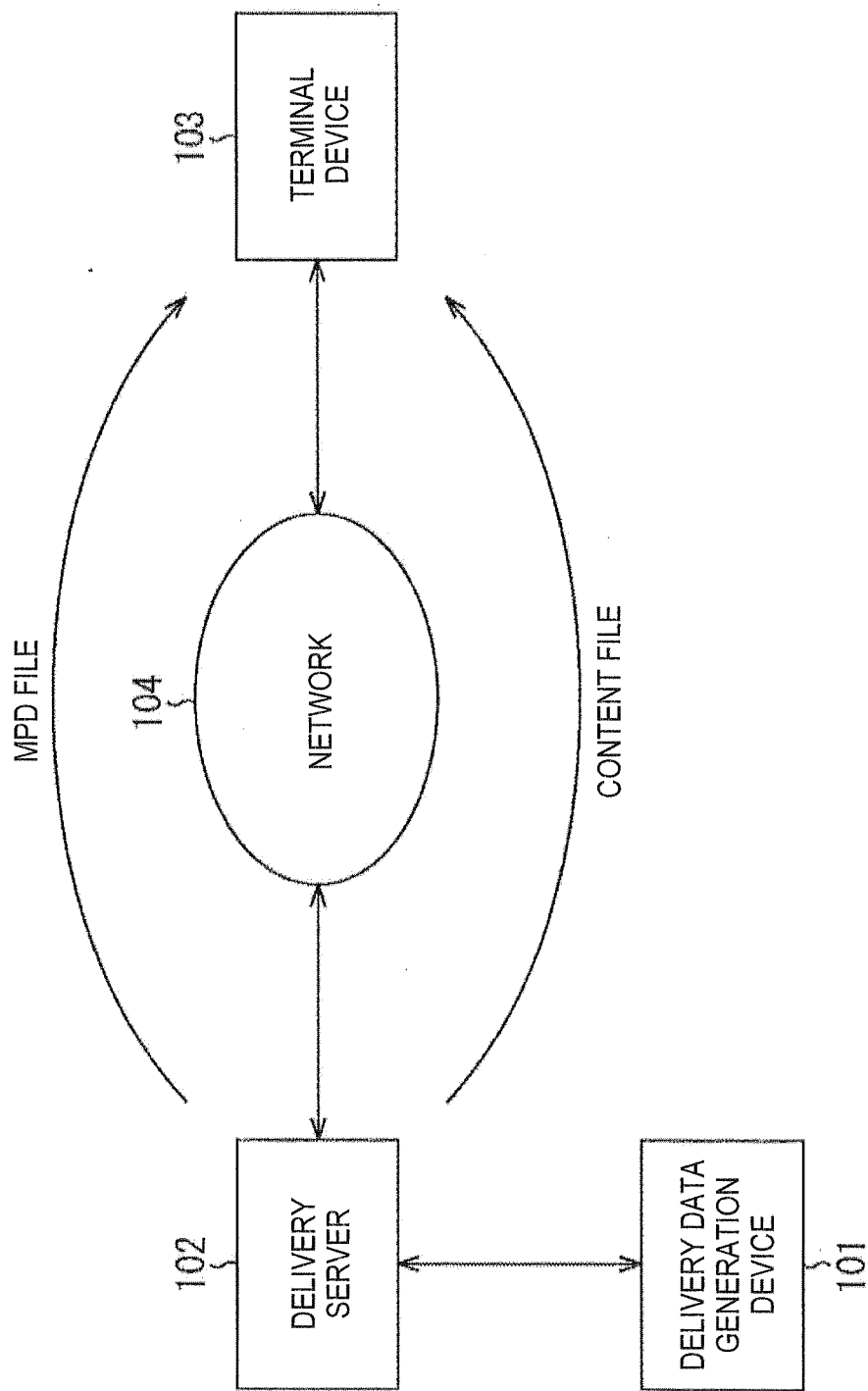
(1)Tiled Video



(4)Fill Video = [Tile1, Tile2, Tile3, Tile4]

B

FIG. 11



100

FIG. 13

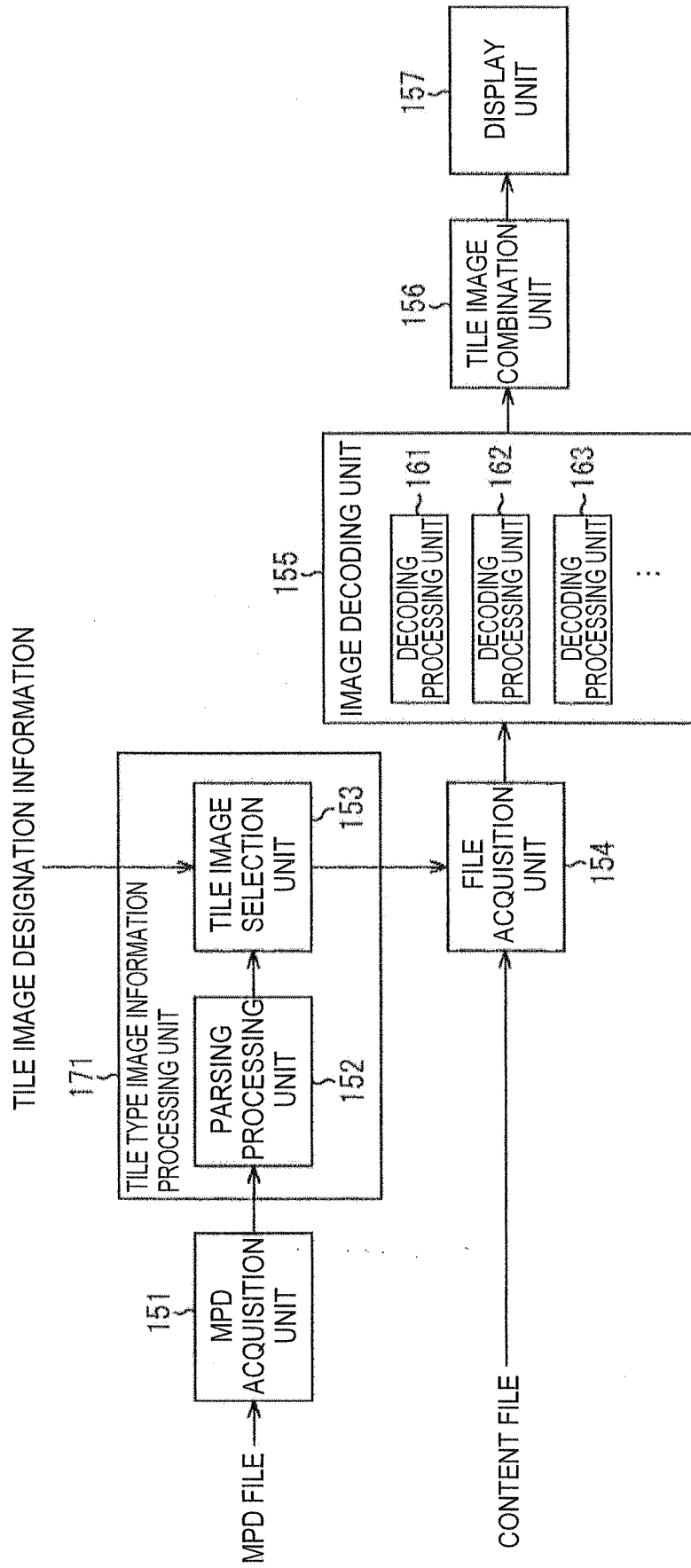


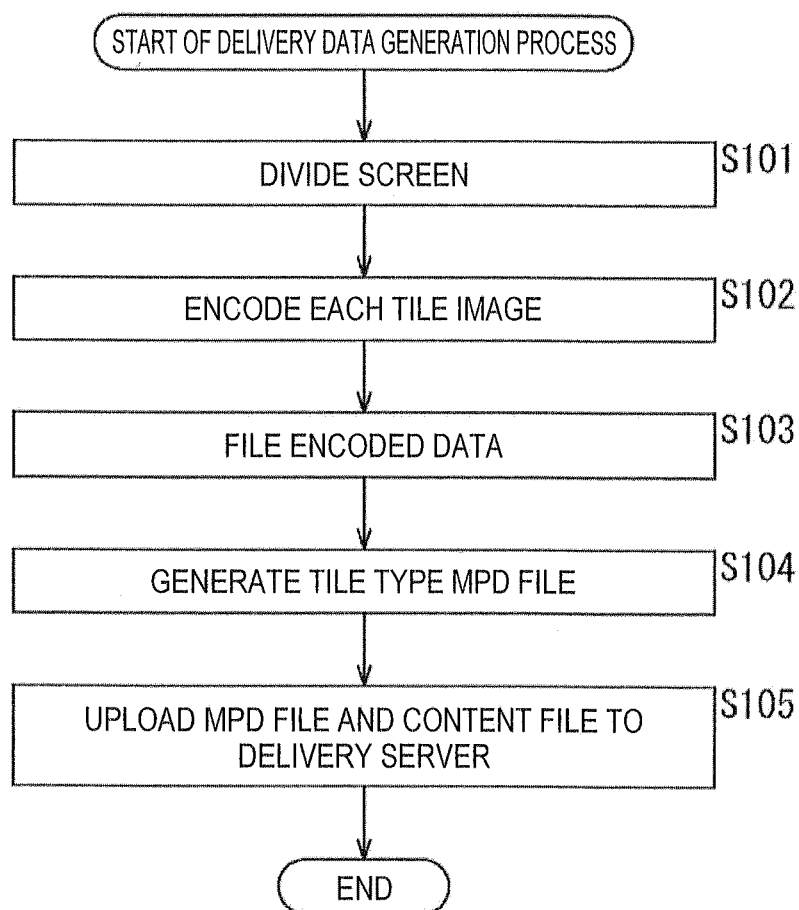
FIG. 14

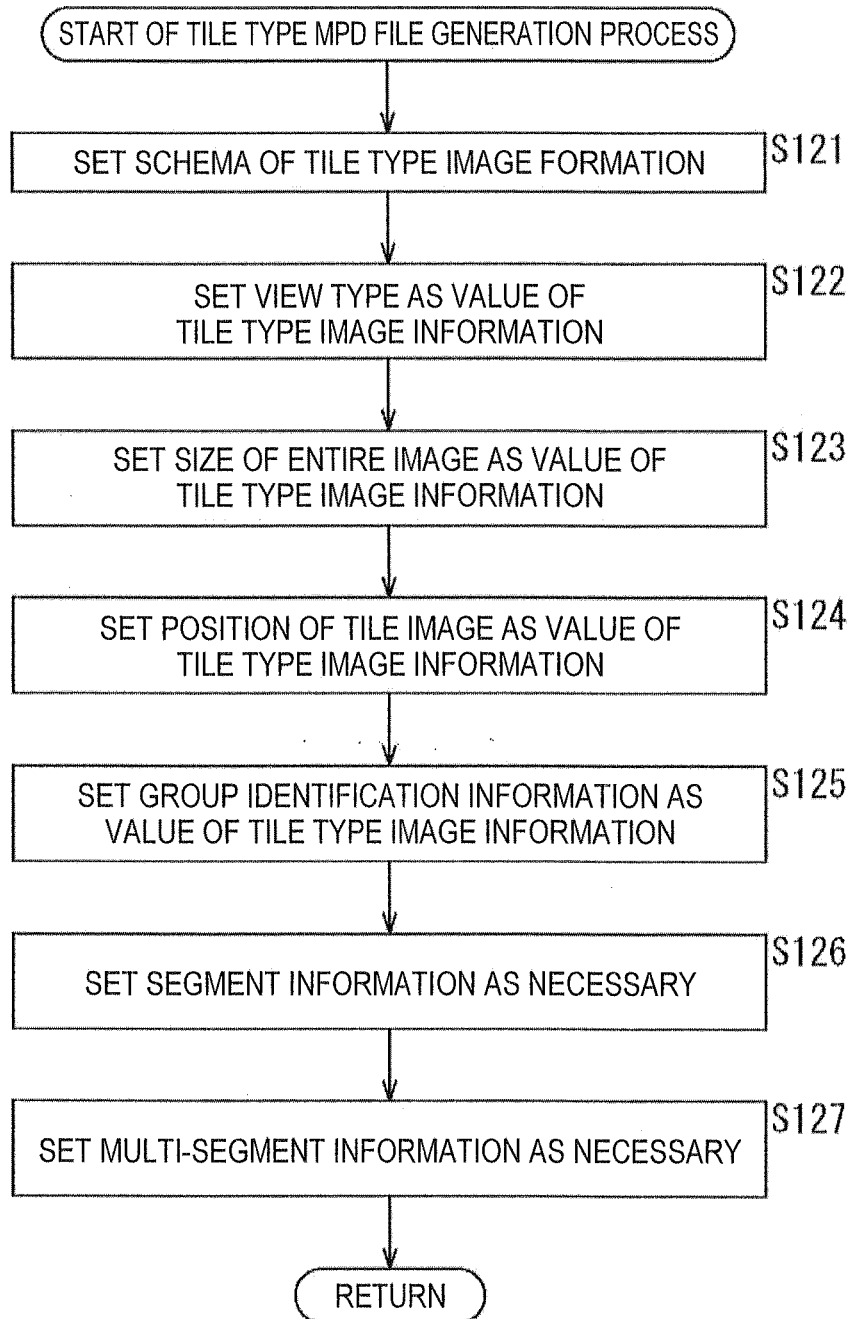
FIG. 15

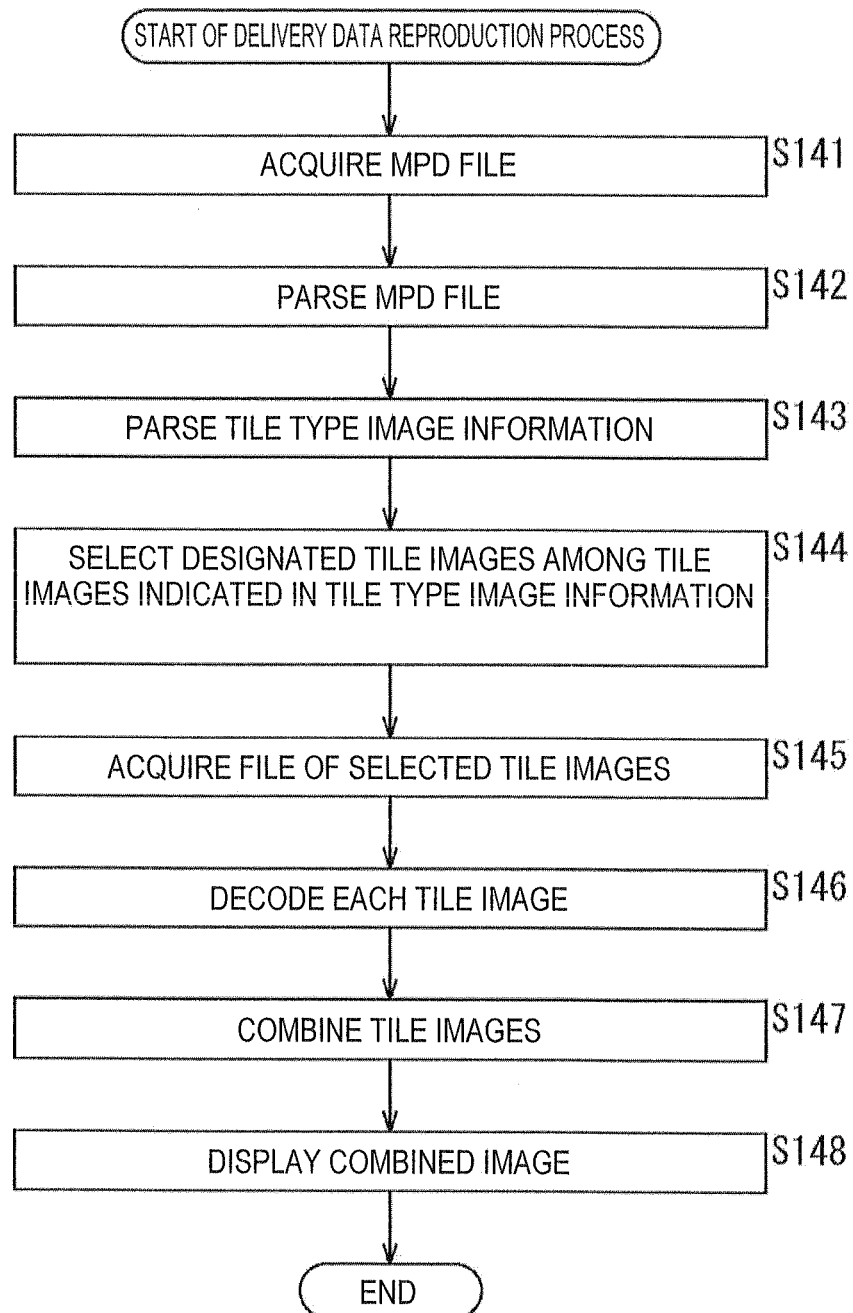
FIG. 16

FIG. 17

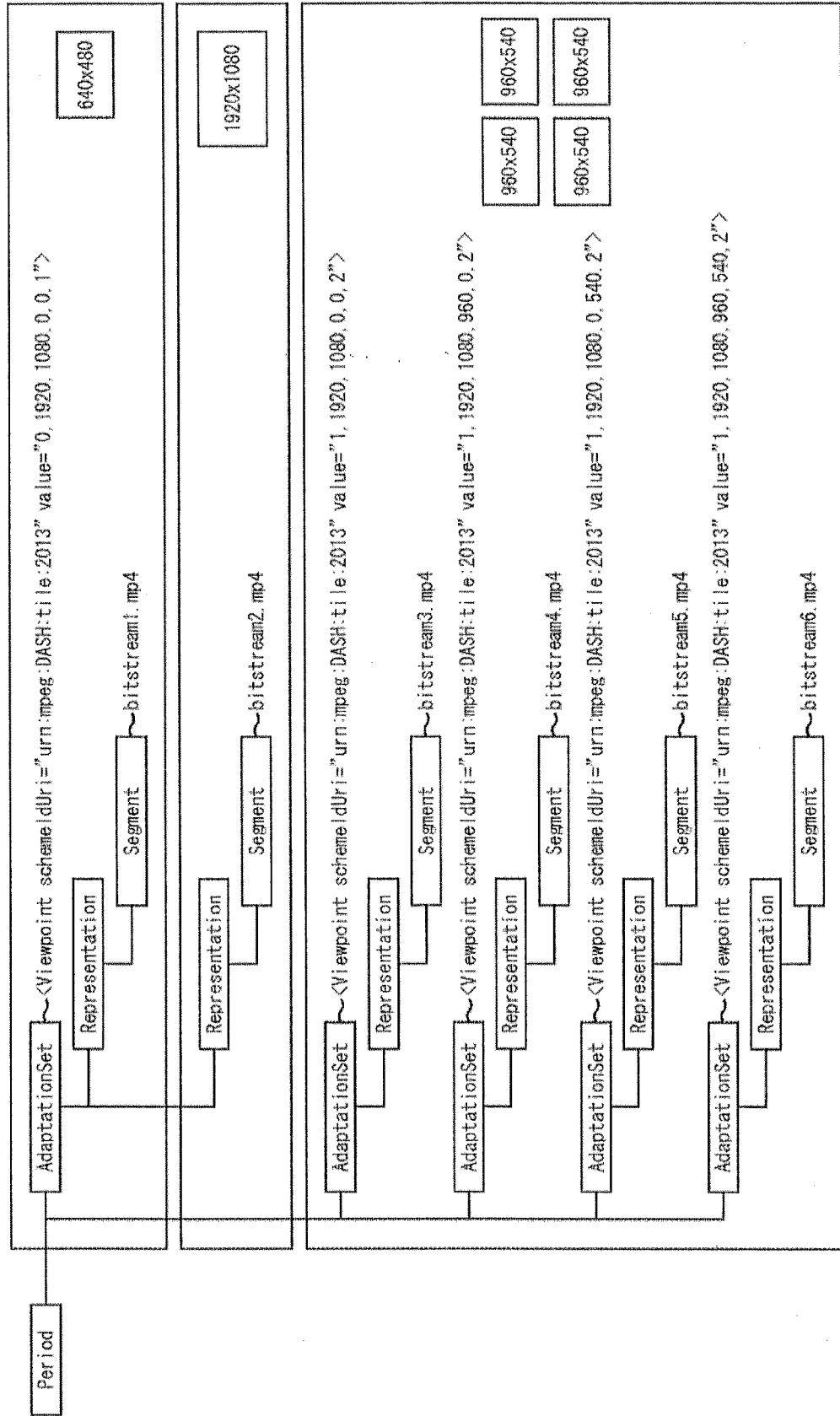


FIG. 18

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<?xml version="1.0"?>
<MPD xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:mpeg:DASH:schema:MPD:2011"
xsi:schemaLocation="urn:mpeg:DASH:schema:MPD:2011 DASH-MPD.xsd" type="static" mediaPresentationDuration="PT3256S"
minBufferTime="PT1.2s" profiles="urn:mpeg:dash:profile:isoff-main:2011">
  <BaseURL>http://cdn1.example.com/</BaseURL>
  <BaseURL>http://cdn2.example.com/</BaseURL>
  <Period>
    <AdaptationSet group="1" mimeType="video/mp4" codecs="avc1.64002A" segmentAlignment="true">
      <Viewpoint schemeIdUri="urn:mpeg:DASH:title:2013" value="0, 1920, 1080, 0, 0, 1" />
      <Representation id="1" width="640" height="480" bandwidth="250000">
        <SegmentList duration="10">
          <SegmentURL media="bitstream1.mp4" />
        </SegmentList>
      </Representation>
      <Representation id="2" width="1920" height="1080" bandwidth="500000">
        <SegmentList duration="10">
          <SegmentURL media="bitstream2.mp4" />
        </SegmentList>
      </Representation>
    </AdaptationSet>
    <AdaptationSet group="2" mimeType="video/mp4" codecs="avc1.640020" segmentAlignment="true">
      <Viewpoint schemeIdUri="urn:mpeg:DASH:title:2013" value="1, 1920, 1080, 0, 0, 2" />
      <Representation id="3" width="960" height="540" bandwidth="100000">
        <SegmentList duration="10">
          <SegmentURL media="bitstream3.mp4" />
        </SegmentList>
      </Representation>
    </AdaptationSet>
    <AdaptationSet group="2" mimeType="video/mp4" codecs="avc1.640020" segmentAlignment="true">
      <Viewpoint schemeIdUri="urn:mpeg:DASH:title:2013" value="1, 1920, 1080, 960, 0, 2" />
      <Representation id="4" width="960" height="540" bandwidth="100000">
        <SegmentList duration="10">
          <SegmentURL media="bitstream4.mp4" />
        </SegmentList>
      </Representation>
    </AdaptationSet>
    <AdaptationSet group="2" mimeType="video/mp4" codecs="avc1.640020" segmentAlignment="true">
      <Viewpoint schemeIdUri="urn:mpeg:DASH:title:2013" value="1, 1920, 1080, 0, 540, 2" />
      <Representation id="5" width="960" height="540" bandwidth="100000">
        <SegmentList duration="10">
          <SegmentURL media="bitstream5.mp4" />
        </SegmentList>
      </Representation>
    </AdaptationSet>
    <AdaptationSet group="2" mimeType="video/mp4" codecs="avc1.640020" segmentAlignment="true">
      <Viewpoint schemeIdUri="urn:mpeg:DASH:title:2013" value="1, 1920, 1080, 960, 540, 2" />
      <Representation id="6" width="960" height="540" bandwidth="100000">
        <SegmentList duration="10">
          <SegmentURL media="bitstream6.mp4" />
        </SegmentList>
      </Representation>
    </AdaptationSet>
  </Period>
</MPD>

```

FIG. 19

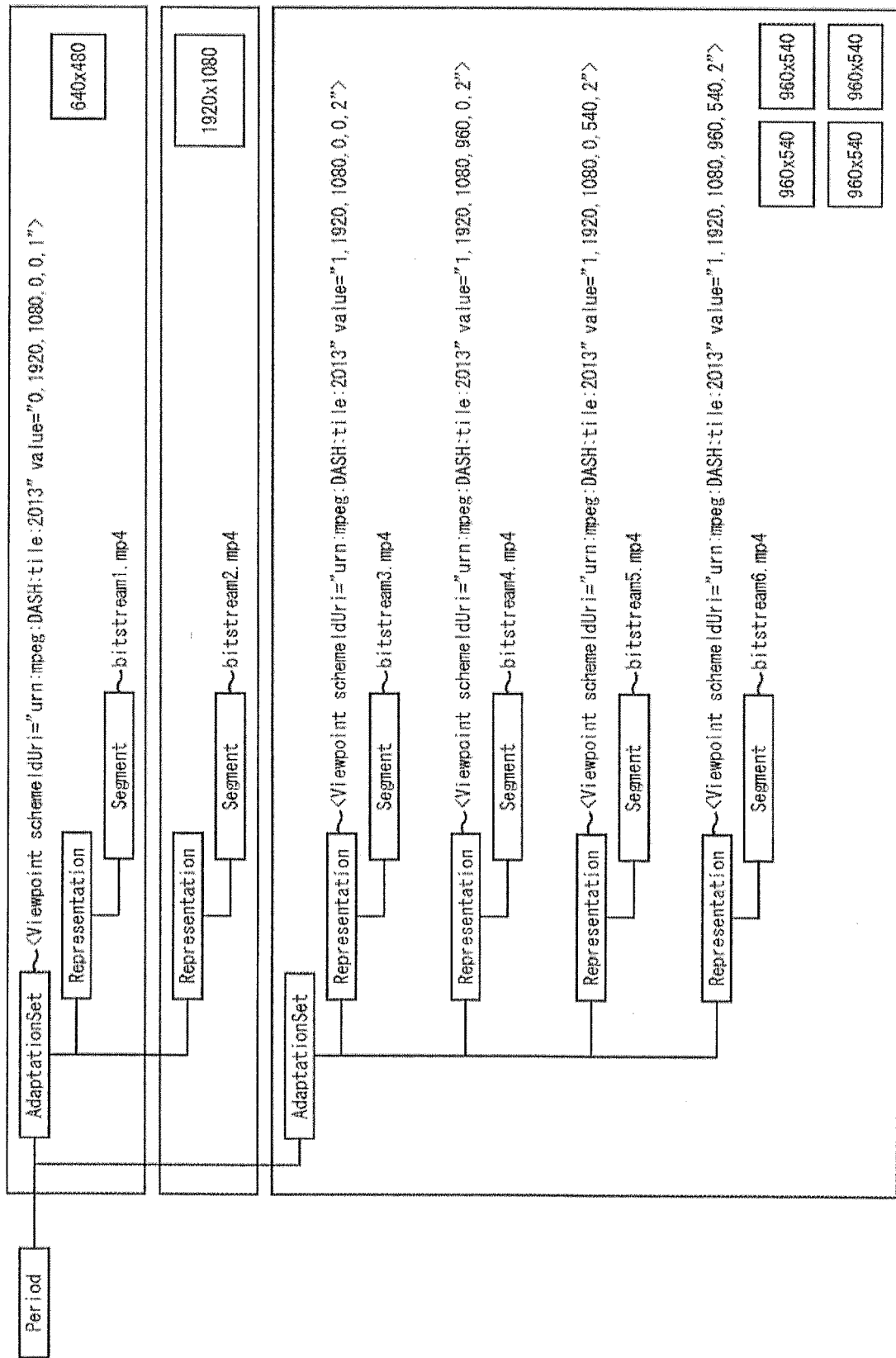


FIG. 20

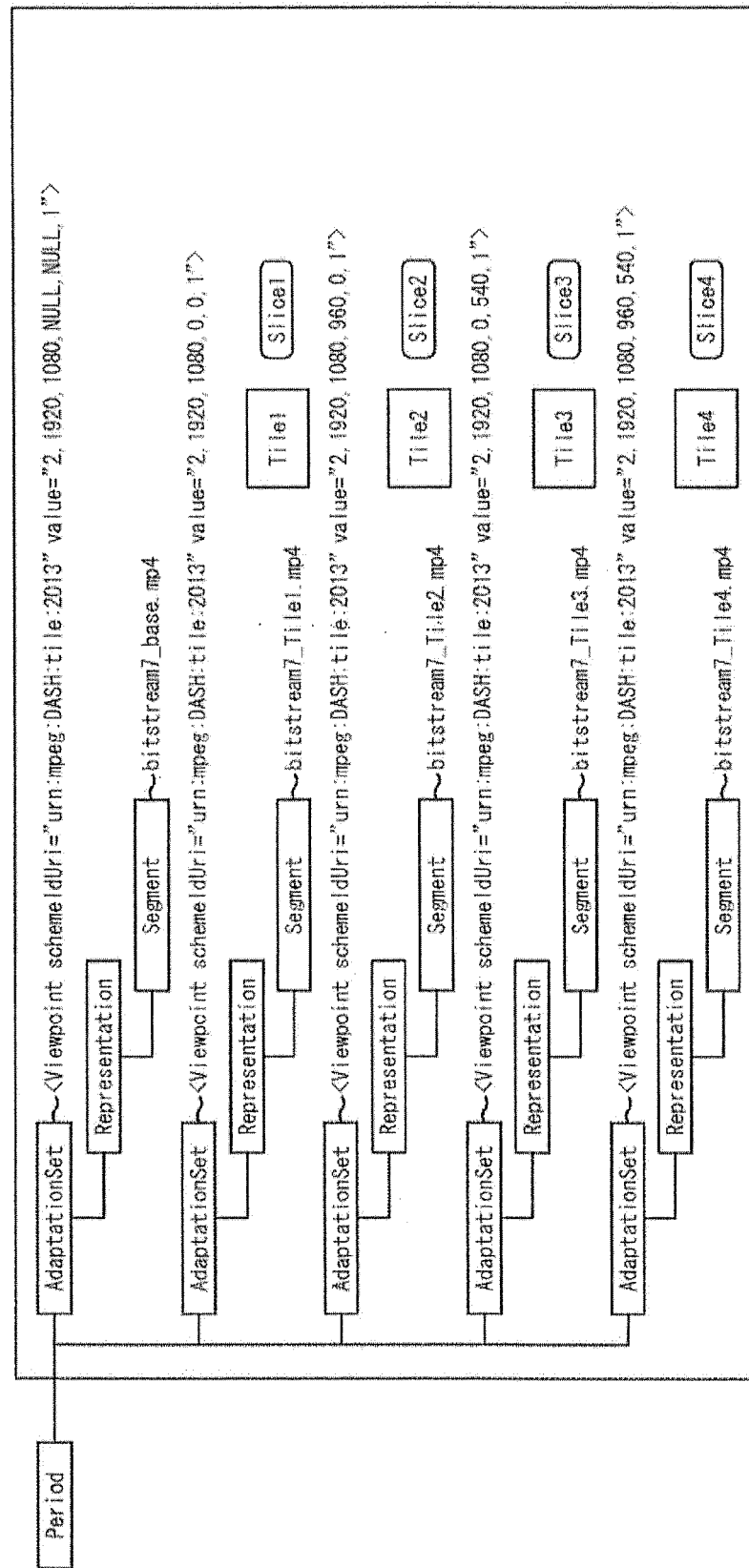


FIG. 21

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<?xml version="1.0"?>
<MPD xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:mpeg:DASH:schema:MPD:2011"
xsi:schemaLocation="urn:mpeg:DASH:schema:MPD:2011 DASH-MPD.xsd" type="static" mediaPresentationDuration="PT3256S"
minBufferTime="PT1.2s" profiles="urn:mpeg:dash:profile:isoff-main:2011">
  <BaseURL>http://cdn1.example.com/</BaseURL>
  <BaseURL>http://cdn2.example.com/</BaseURL>
  <Period>
    <AdaptationSet group="1" mimeType="video/mp4" codecs="avc1.64002A" segmentAlignment="true">
      <Viewpoint schemeIdUri="urn:mpeg:DASH:title:2013" value="2, 1920, 1080, Null, Null, 1" />
      <Representation id="1" width="1920" height="1080" bandwidth="500000">
        <SegmentList duration="10">
          <SegmentURL media="bitstream7_base.mp4" />
        </SegmentList>
      </Representation>
    </AdaptationSet>
    <AdaptationSet group="1" mimeType="video/mp4" codecs="avc1.640020" segmentAlignment="true">
      <Viewpoint schemeIdUri="urn:mpeg:DASH:title:2013" value="2, 1920, 1080, 0, 0, 1" />
      <Representation id="2" width="960" height="540" bandwidth="100000">
        <SegmentList duration="10">
          <SegmentURL media="bitstream7_tile1.mp4" />
        </SegmentList>
      </Representation>
    </AdaptationSet>
    <AdaptationSet group="1" mimeType="video/mp4" codecs="avc1.640020" segmentAlignment="true">
      <Viewpoint schemeIdUri="urn:mpeg:DASH:title:2013" value="2, 1920, 1080, 960, 0, 1" />
      <Representation id="3" width="960" height="540" bandwidth="100000">
        <SegmentList duration="10">
          <SegmentURL media="bitstream7_tile2.mp4" />
        </SegmentList>
      </Representation>
    </AdaptationSet>
    <AdaptationSet group="1" mimeType="video/mp4" codecs="avc1.640020" segmentAlignment="true">
      <Viewpoint schemeIdUri="urn:mpeg:DASH:title:2013" value="2, 1920, 1080, 0, 540, 1" />
      <Representation id="4" width="960" height="540" bandwidth="100000">
        <SegmentList duration="10">
          <SegmentURL media="bitstream7_tile3.mp4" />
        </SegmentList>
      </Representation>
    </AdaptationSet>
    <AdaptationSet group="1" mimeType="video/mp4" codecs="avc1.640020" segmentAlignment="true">
      <Viewpoint schemeIdUri="urn:mpeg:DASH:title:2013" value="2, 1920, 1080, 960, 540, 1" />
      <Representation id="5" width="960" height="540" bandwidth="100000">
        <SegmentList duration="10">
          <SegmentURL media="bitstream7_tile4.mp4" />
        </SegmentList>
      </Representation>
    </AdaptationSet>
  </Period>
</MPD>

```

FIG. 22

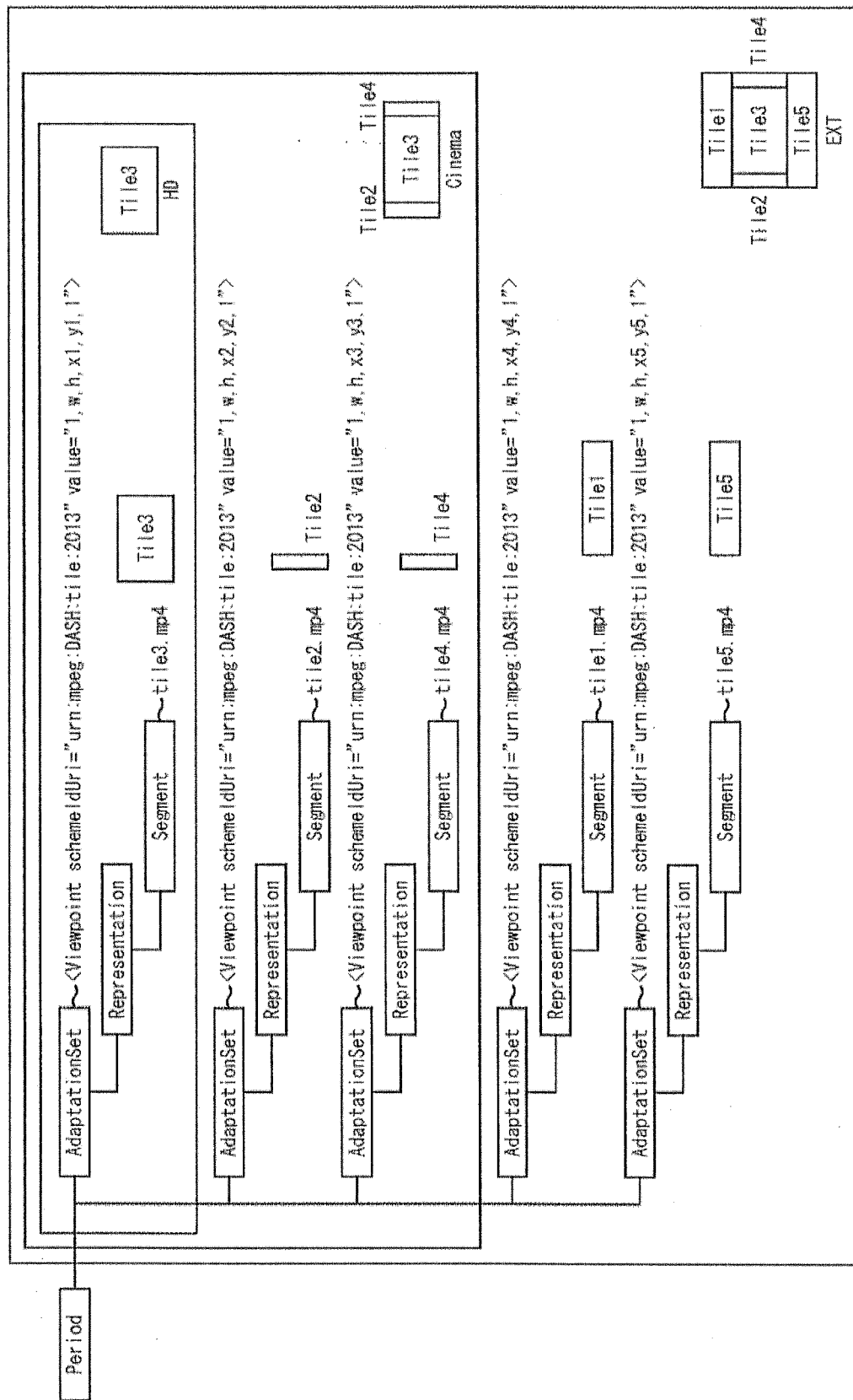


FIG. 23

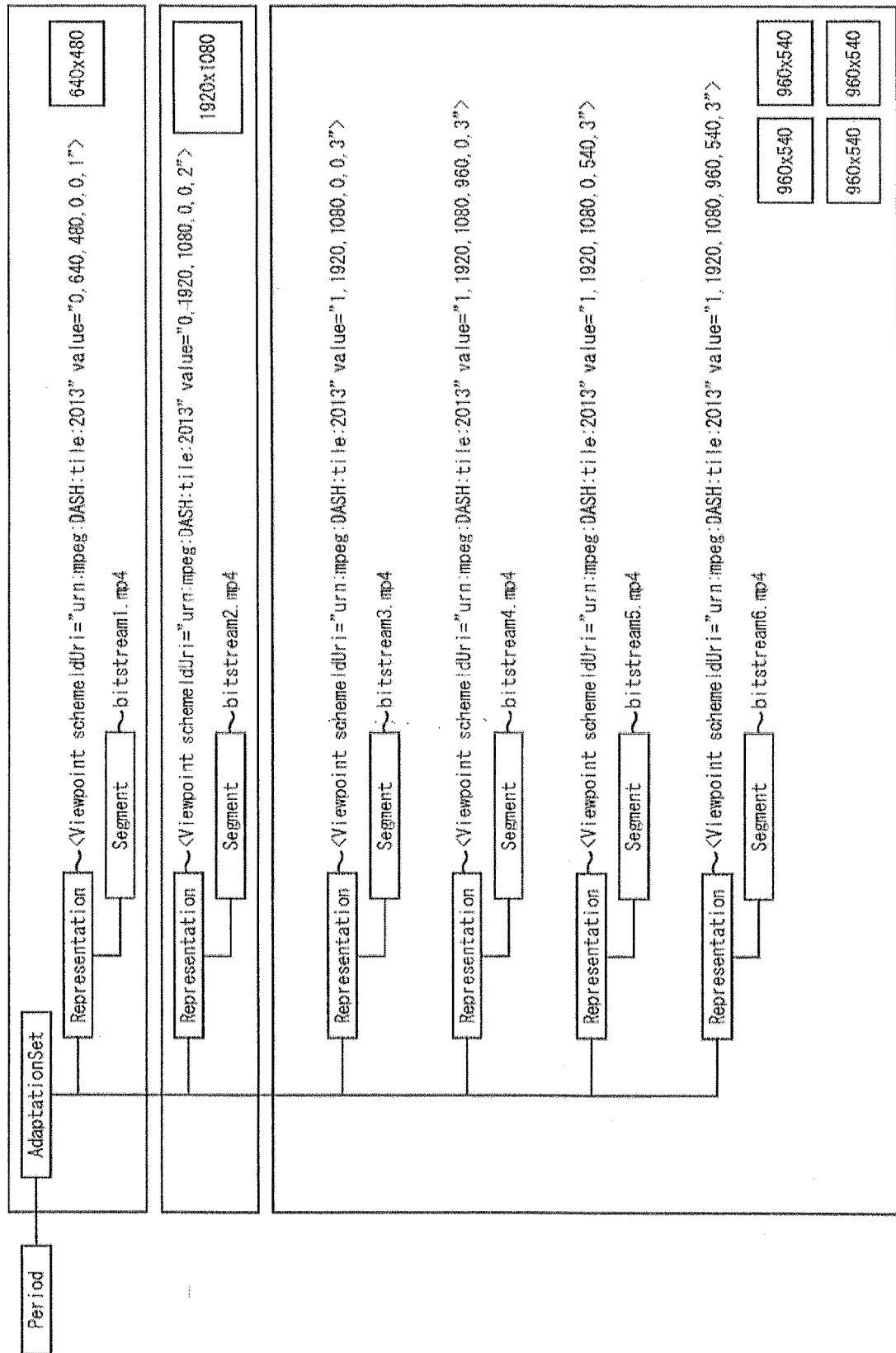


FIG. 24

```

<?xml version="1.0"?>
<MPD xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:mpeg:DASH:schema:MPD:2011"
xsi:schemaLocation="urn:mpeg:DASH:schema:MPD:2011 DASH-MPD.xsd" type="static" mediaPresentationDuration="PT3256S"
minBufferTime="PT1.2s" profiles="urn:mpeg:dash:profile:isoff-main:2011">
  <BaseURL>http://cdn1.example.com/</BaseURL>
  <BaseURL>http://cdn2.example.com/</BaseURL>
  <Period>
    <AdaptationSet group="1" mimeType="video/mp4" codecs="avc1.64002A" segmentAlignment="true">
      <Representation id="1" width="640" height="480" bandwidth="250000" codecs="avc1.64001E">
        <Viewpoint schemeIdUri="urn:mpeg:DASH:tile:2013" value="0, 640, 480, 0, 0, 1" />
        <SegmentList duration="10">
          <SegmentURL media="bitstream1.mp4" />
        </SegmentList>
      </Representation>
      <Representation id="2" width="1920" height="1080" bandwidth="500000" codecs="avc1.64002A">
        <Viewpoint schemeIdUri="urn:mpeg:DASH:tile:2013" value="0, 1920, 1080, 0, 0, 2" />
        <SegmentList duration="10">
          <SegmentURL media="bitstream2.mp4" />
        </SegmentList>
      </Representation>
      <Representation id="3" width="960" height="540" bandwidth="100000" codecs="avc1.640020">
        <Viewpoint schemeIdUri="urn:mpeg:DASH:tile:2013" value="1, 1920, 1080, 0, 0, 3" />
        <SegmentList duration="10">
          <SegmentURL media="bitstream3.mp4" />
        </SegmentList>
      </Representation>
      <Representation id="4" width="960" height="540" bandwidth="100000" codecs="avc1.640020">
        <Viewpoint schemeIdUri="urn:mpeg:DASH:tile:2013" value="1, 1920, 1080, 960, 0, 3" />
        <SegmentList duration="10">
          <SegmentURL media="bitstream4.mp4" />
        </SegmentList>
      </Representation>
      <Representation id="5" width="960" height="540" bandwidth="100000" codecs="avc1.640020">
        <Viewpoint schemeIdUri="urn:mpeg:DASH:tile:2013" value="1, 1920, 1080, 0, 540, 3" />
        <SegmentList duration="10">
          <SegmentURL media="bitstream5.mp4" />
        </SegmentList>
      </Representation>
      <Representation id="6" width="960" height="540" bandwidth="100000" codecs="avc1.640020">
        <Viewpoint schemeIdUri="urn:mpeg:DASH:tile:2013" value="1, 1920, 1080, 960, 540, 3" />
        <SegmentList duration="10">
          <SegmentURL media="bitstream6.mp4" />
        </SegmentList>
      </Representation>
    </AdaptationSet>
  </Period>
</MPD>

```

FIG. 25

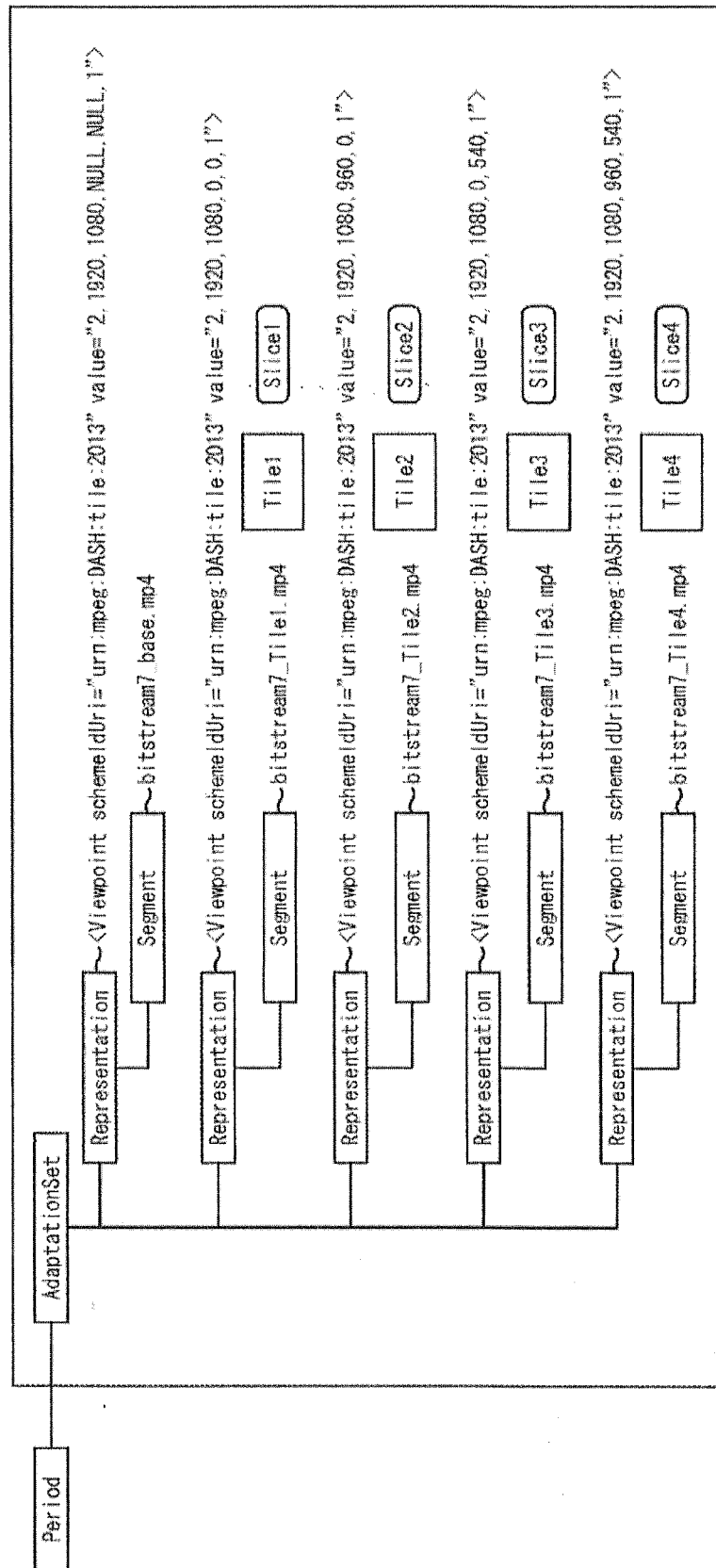


FIG. 26

```

<?xml version="1.0"?>
<MPD xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:mpeg:DASH:schema:MPD:2011"
xsi:schemaLocation="urn:mpeg:DASH:schema:MPD:2011 DASH-MPD.xsd" type="static" mediaPresentationDuration="PT3256S"
minBufferTime="PT1.2s" profiles="urn:mpeg:dash:profile:isoff-main:2011">
  <BaseURL>http://cdn1.example.com/</BaseURL>
  <BaseURL>http://cdn2.example.com/</BaseURL>
  <Period>
    <AdaptationSet group="1" mimeType="video/mp4" codecs="avc1.64002A" segmentAlignment="true">
      <Representation id="1" width="640" height="480" bandwidth="500000">
        <Viewpoint schemelDUri="urn:mpeg:DASH:tile:2013" value="2, 1920, 1080, -1, -1, 1" />
        <SegmentList duration="10">
          <SegmentURL media="bitstream7_base.mp4" />
        </SegmentList>
      </Representation>
      <Representation id="2" width="960" height="540" bandwidth="100000">
        <Viewpoint schemelDUri="urn:mpeg:DASH:tile:2013" value="2, 1920, 1080, 0, 0, 1" />
        <SegmentList duration="10">
          <SegmentURL media="bitstream7_tile1.mp4" />
        </SegmentList>
      </Representation>
      <Representation id="3" width="960" height="540" bandwidth="100000">
        <Viewpoint schemelDUri="urn:mpeg:DASH:tile:2013" value="2, 1920, 1080, 960, 0, 1" />
        <SegmentList duration="10">
          <SegmentURL media="bitstream7_tile2.mp4" />
        </SegmentList>
      </Representation>
      <Representation id="4" width="960" height="540" bandwidth="100000">
        <Viewpoint schemelDUri="urn:mpeg:DASH:tile:2013" value="2, 1920, 1080, 0, 540, 1" />
        <SegmentList duration="10">
          <SegmentURL media="bitstream7_tile3.mp4" />
        </SegmentList>
      </Representation>
      <Representation id="5" width="960" height="540" bandwidth="100000">
        <Viewpoint schemelDUri="urn:mpeg:DASH:tile:2013" value="2, 1920, 1080, 960, 540, 1" />
        <SegmentList duration="10">
          <SegmentURL media="bitstream7_tile4.mp4" />
        </SegmentList>
      </Representation>
    </AdaptationSet>
  </Period>
</MPD>

```

FIG. 27

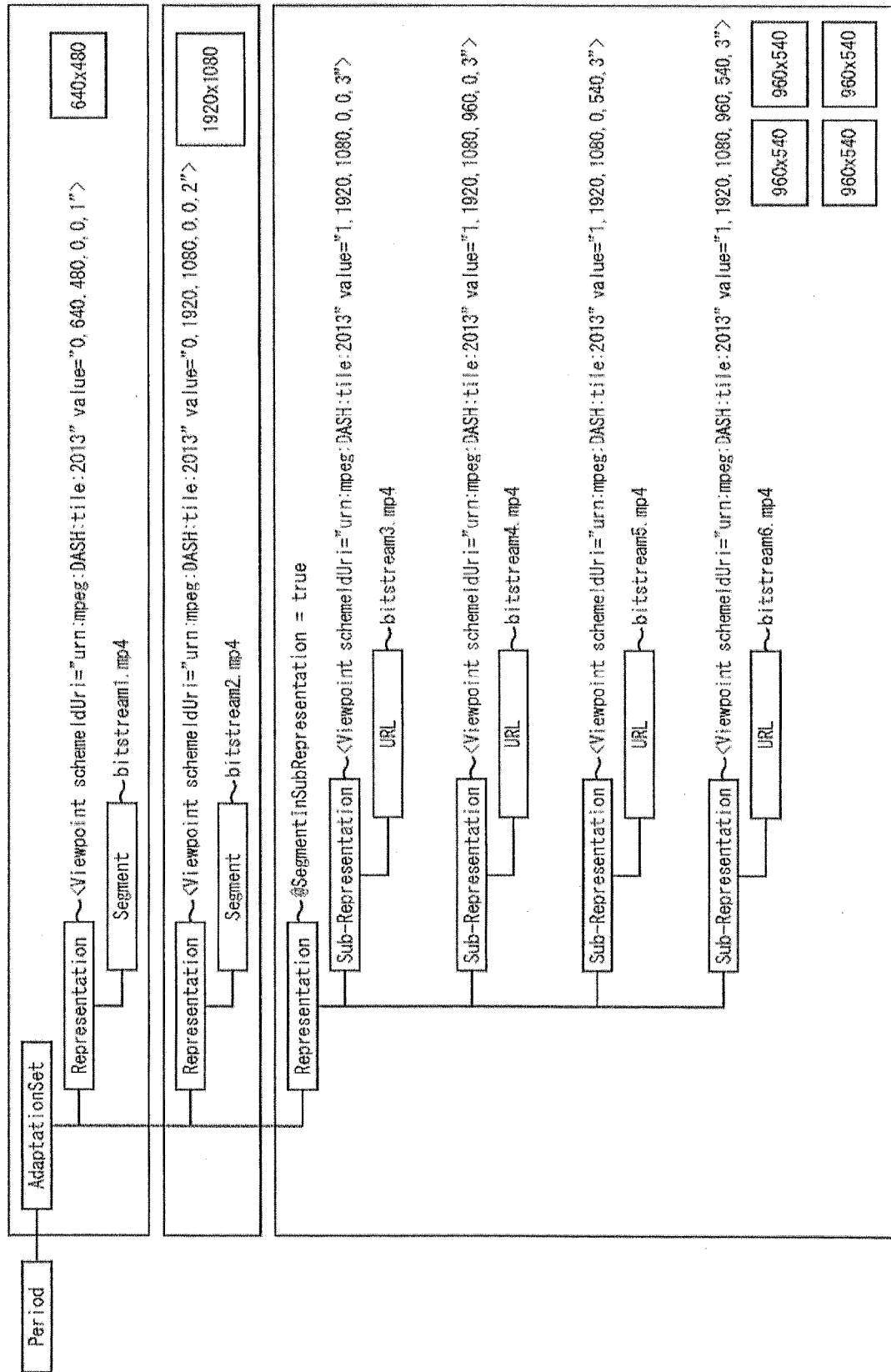


FIG. 28

```

<?xml version="1.0"?>
<MPD xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:mpeg:DASH:schema:MPD:2011"
xsi:schemaLocation="urn:mpeg:DASH:schema:MPD:2011 DASH-MPD.xsd" type="static" mediaPresentationDuration="PT3256S"
minBufferTime="PT1.2s" profiles="urn:mpeg:dash:profile:isoff-main:2011">
  <BaseURL>http://cdn1.example.com/</BaseURL>
  <BaseURL>http://cdn2.example.com/</BaseURL>
  <Period>
    <AdaptationSet group="1" mimeType="video/mp4" codecs="avc1.64002A" segmentAlignment="true">
      <Representation id="1" width="640" height="480" bandwidth="250000" codecs="avc1.64001E">
        <Viewpoint schemeIdUri="urn:mpeg:DASH:tile:2013" value="0, 640, 480, 0, 0, 1" />
        <SegmentList duration="10">
          <SegmentURL media="bitstream1.mp4" />
        </SegmentList>
      </Representation>
      <Representation id="2" width="1920" height="1080" bandwidth="500000" codecs="avc1.64002A">
        <Viewpoint schemeIdUri="urn:mpeg:DASH:tile:2013" value="0, 1920, 1080, 0, 0, 2" />
        <SegmentList duration="10">
          <SegmentURL media="bitstream2.mp4" />
        </SegmentList>
      </Representation>
      <Representation id="3" width="960" height="540" bandwidth="100000" codecs="avc1.640020"
SegmentInSubRepresentation="true">
        <SubRepresentation bandwidth="100000">
          <Viewpoint schemeIdUri="urn:mpeg:DASH:tile:2013" value="1, 1920, 1080, 0, 0, 3" />
          <SegmentList duration="10">
            <SegmentURL media="bitstream3.mp4" />
          </SegmentList>
        </SubRepresentation>
        <SubRepresentation bandwidth="100000">
          <Viewpoint schemeIdUri="urn:mpeg:DASH:tile:2013" value="1, 1920, 1080, 960, 0, 3" />
          <SegmentList duration="10">
            <SegmentURL media="bitstream4.mp4" />
          </SegmentList>
        </SubRepresentation>
        <SubRepresentation bandwidth="100000">
          <Viewpoint schemeIdUri="urn:mpeg:DASH:tile:2013" value="1, 1920, 1080, 0, 540, 3" />
          <SegmentList duration="10">
            <SegmentURL media="bitstream5.mp4" />
          </SegmentList>
        </SubRepresentation>
        <SubRepresentation bandwidth="100000">
          <Viewpoint schemeIdUri="urn:mpeg:DASH:tile:2013" value="1, 1920, 1080, 960, 540, 3" />
          <SegmentList duration="10">
            <SegmentURL media="bitstream6.mp4" />
          </SegmentList>
        </SubRepresentation>
      </Representation>
    </AdaptationSet>
  </Period>
</MPD>

```

FIG. 29

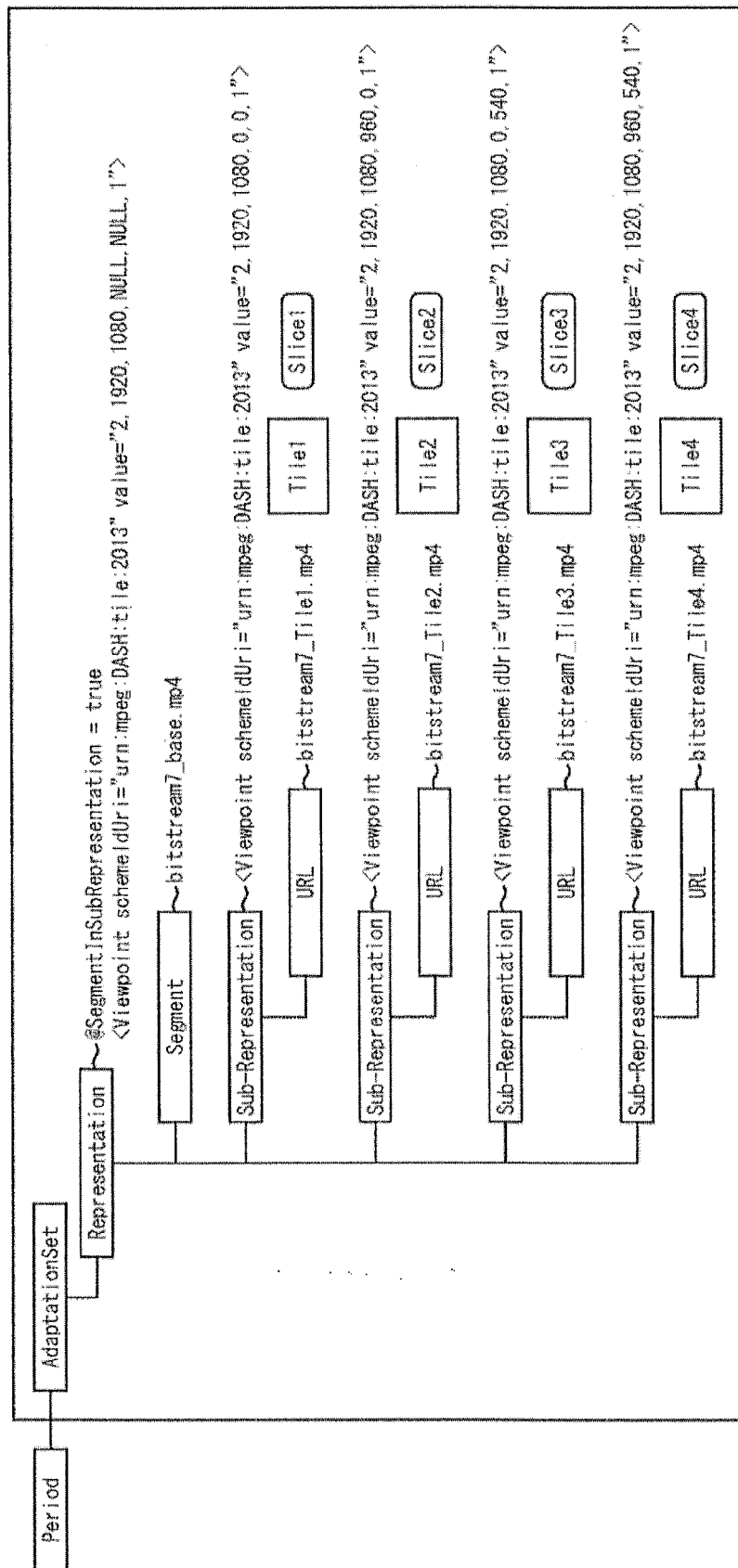


FIG. 30

```

<?xml version="1.0"?>
<MPD xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:mpeg:DASH:schema:MPD:2011"
xsi:schemaLocation="urn:mpeg:DASH:schema:MPD:2011 DASH-MPD.xsd" type="static" mediaPresentationDuration="PT32568"
minBufferTime="PT1.2s" profiles="urn:mpeg:dash:profile:isoff-main:2011">
  <BaseURL>http://cdn1.example.com/</BaseURL>
  <BaseURL>http://cdn2.example.com/</BaseURL>
  <Period>
    <AdaptationSet group="1" mimeType="video/mp4" codecs="avc1.64002A" segmentAlignment="true">
      <Representation id="1" width="960" height="540" bandwidth="100000" SegmentInSubRepresentation="true">
        <Viewpoint schemeIdUri="urn:mpeg:DASH:tile:2013" value="2, 1920, 1080, Null, Null, 1" />
        <SegmentList duration="10">
          <SegmentURL media="bitstream7_base.mp4" />
        </SegmentList>
        <SubRepresentation bandwidth="100000" codecs="avc1.640020">
          <Viewpoint schemeIdUri="urn:mpeg:DASH:tile:2013" value="2, 1920, 1080, 0, 0, 1" />
          <SegmentList duration="10">
            <SegmentURL media="bitstream7_tile1.mp4" />
          </SegmentList>
        </SubRepresentation>
        <SubRepresentation bandwidth="100000" codecs="avc1.640020">
          <Viewpoint schemeIdUri="urn:mpeg:DASH:tile:2013" value="2, 1920, 1080, 960, 0, 1" />
          <SegmentList duration="10">
            <SegmentURL media="bitstream7_tile2.mp4" />
          </SegmentList>
        </SubRepresentation>
        <SubRepresentation bandwidth="100000" codecs="avc1.640020">
          <Viewpoint schemeIdUri="urn:mpeg:DASH:tile:2013" value="2, 1920, 1080, 0, 540, 1" />
          <SegmentList duration="10">
            <SegmentURL media="bitstream7_tile3.mp4" />
          </SegmentList>
        </SubRepresentation>
        <SubRepresentation bandwidth="100000" codecs="avc1.640020">
          <Viewpoint schemeIdUri="urn:mpeg:DASH:tile:2013" value="2, 1920, 1080, 960, 540, 1" />
          <SegmentList duration="10">
            <SegmentURL media="bitstream7_tile4.mp4" />
          </SegmentList>
        </SubRepresentation>
      </Representation>
    </AdaptationSet>
  </Period>
</MPD>

```

FIG. 31

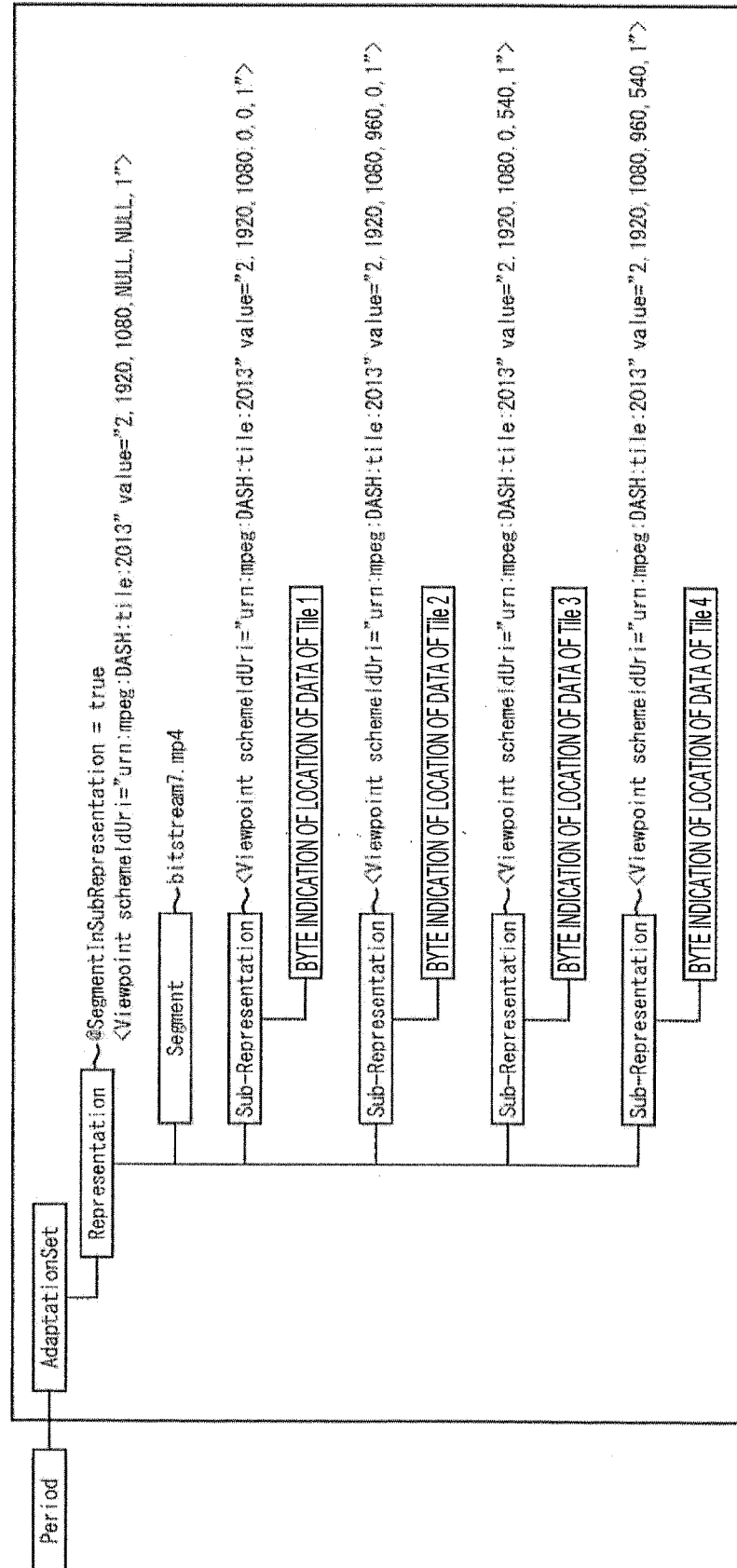


FIG. 32

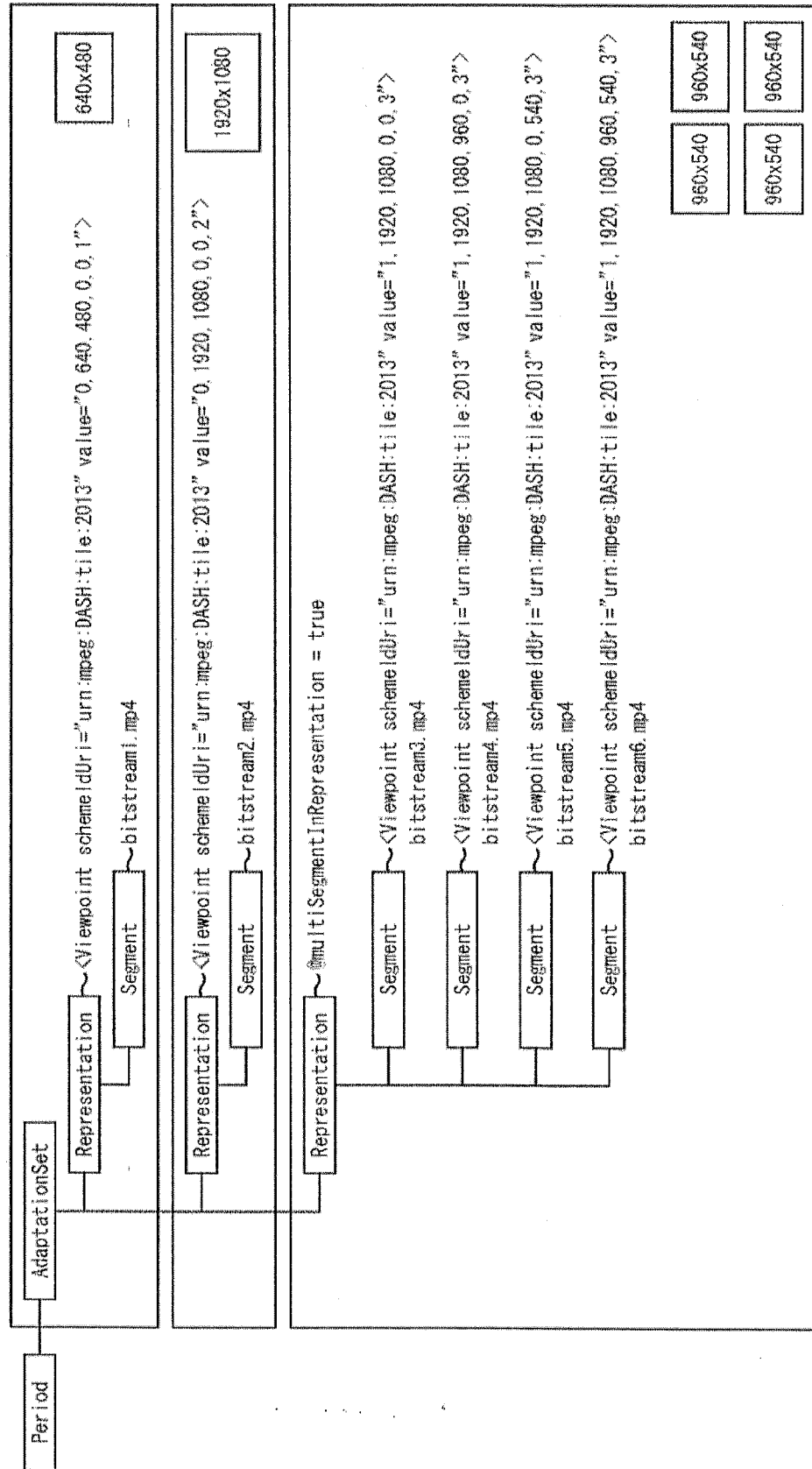


FIG. 33

```

<?xml version="1.0"?>
<MPD xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:mpeg:DASH:schema:MPD:2011"
xsi:schemaLocation="urn:mpeg:DASH:schema:MPD:2011 DASH-MPD.xsd" type="static" mediaPresentationDuration="PT3256S"
minBufferTime="PT1.2s" profiles="urn:mpeg:dash:profile:isoff-main:2011">
  <BaseURL>http://cdn1.example.com/</BaseURL>
  <BaseURL>http://cdn2.example.com/</BaseURL>
  <Period>
    <AdaptationSet group="1" mimeType="video/mp4" codecs="avc1.64002A" segmentAlignment="true">
      <Representation id="1" width="640" height="480" bandwidth="250000" codecs="avc1.64001E">
        <Viewpoint schemeIdUri="urn:mpeg:DASH:tfile:2013" value="0, 640, 480, 0, 0, 1" />
        <SegmentList duration="10">
          <SegmentURL media="bitstream1.mp4" />
        </SegmentList>
      </Representation>
      <Representation id="2" width="1920" height="1080" bandwidth="500000" codecs="avc1.64002A">
        <Viewpoint schemeIdUri="urn:mpeg:DASH:tfile:2013" value="0, 1920, 1080, 0, 0, 2" />
        <SegmentList duration="10">
          <SegmentURL media="bitstream2.mp4" />
        </SegmentList>
      </Representation>
      <Representation id="3" width="960" height="540" bandwidth="100000" codecs="avc1.640020"
multiSegmentInRepresentation="true">
        <SegmentList duration="10">
          <Viewpoint schemeIdUri="urn:mpeg:DASH:tfile:2013" value="1, 1920, 1080, 0, 0, 3" />
          <SegmentURL media="bitstream3.mp4" />
        </SegmentList>
        <SegmentList duration="10">
          <Viewpoint schemeIdUri="urn:mpeg:DASH:tfile:2013" value="1, 1920, 1080, 960, 0, 3" />
          <SegmentURL media="bitstream4.mp4" />
        </SegmentList>
        <SegmentList duration="10">
          <Viewpoint schemeIdUri="urn:mpeg:DASH:tfile:2013" value="1, 1920, 1080, 0, 540, 3" />
          <SegmentURL media="bitstream5.mp4" />
        </SegmentList>
        <SegmentList duration="10">
          <Viewpoint schemeIdUri="urn:mpeg:DASH:tfile:2013" value="1, 1920, 1080, 960, 540, 3" />
          <SegmentURL media="bitstream6.mp4" />
        </SegmentList>
      </Representation>
    </AdaptationSet>
  </Period>
</MPD>

```

FIG. 34

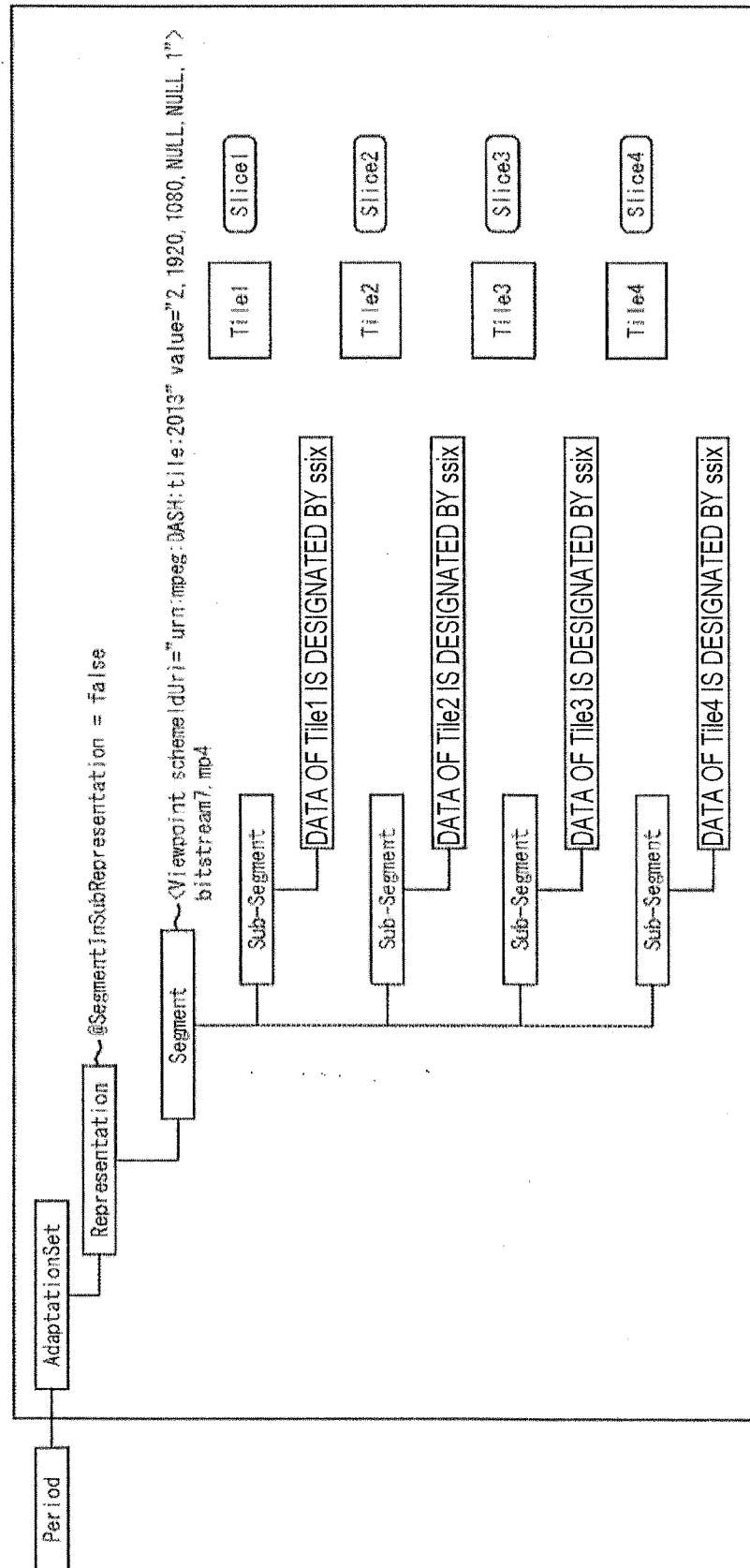


FIG. 35

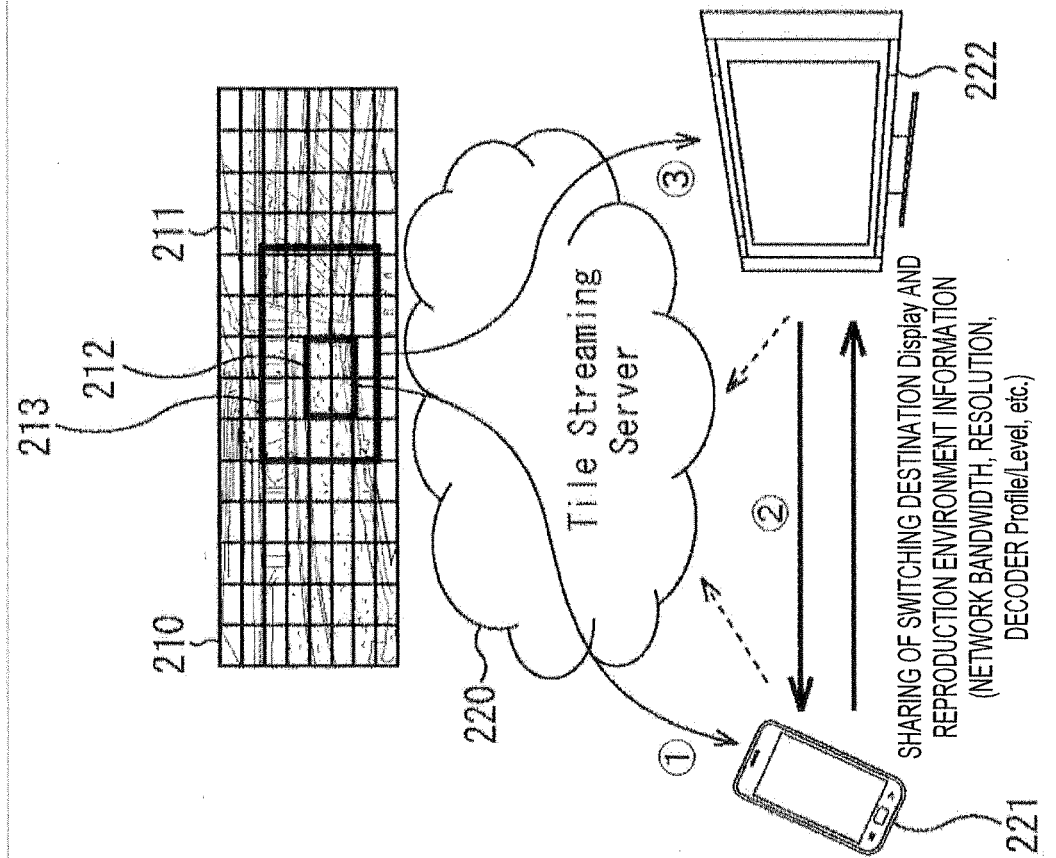
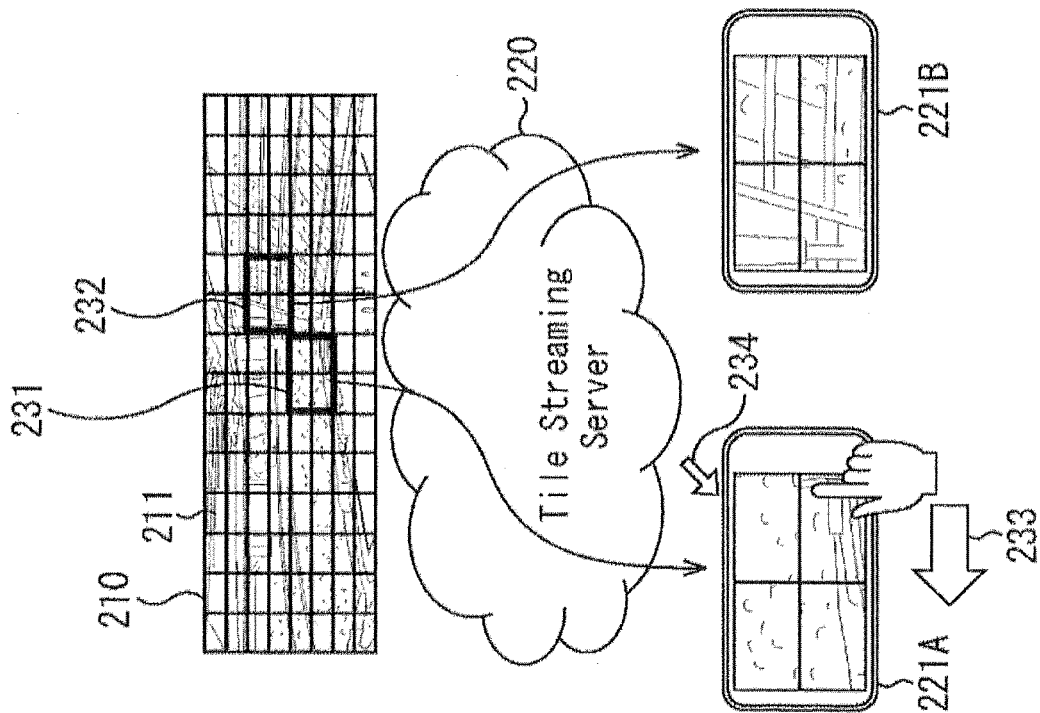


FIG. 36

- (1) REPRODUCE PART OF ENTIRE IMAGE
 - (2) IN ORDER TO REPRODUCE OTHER REGION BY SHIFTING REGION DURING REPRODUCTION, SHIFT REGION WITH FINGER ON TOUCH PANEL TO MOVE IMAGE SO THAT DIRECTION DESIRED TO BE REPRODUCED IS DISPLAYED ON SCREEN (e.g., WHEN UPPER RIGHT REGION IS DESIRED TO BE DISPLAYED, TRACE SCREEN WITH FINGER IN LOWER LEFT DIRECTION FROM UPPER RIGHT OF SCREEN
 - (3) CALCULATE MOVEMENT DESTINATION OF IMAGE BASED ON FINGER MOTION IN REGARD TO APPLICATION ON DEVICE AND SELECT STREAM OF TILE IMAGES TO BE DISPLAYED FROM INFORMATION REGARDING MPD
 - (4) ACQUIRE SELECTED STREAM FROM SERVER AND PERFORM REPRODUCTION AND DISPLAY
- ※ SELECTION OF TILE IMAGES MAY BE PERFORMED BY APPLICATION ON DEVICE, OR DIRECTION OF MOVEMENT DESTINATION OF IMAGE ACQUIRED FROM FINGER MOTION MAY BE SENT TO Server AND IMAGES MAY BE SELECTED BY Server SIDE.
- ※ TO ACTUALLY MOVE IMAGES, DISPLAY REGION MAY BE SWITCHED ABRUPTLY OR DISPLAY REGION MAY BE GRADUALLY SHIFTED AND SWITCHED TO PERFORM SMOOTH SWITCHING.

FIG. 37

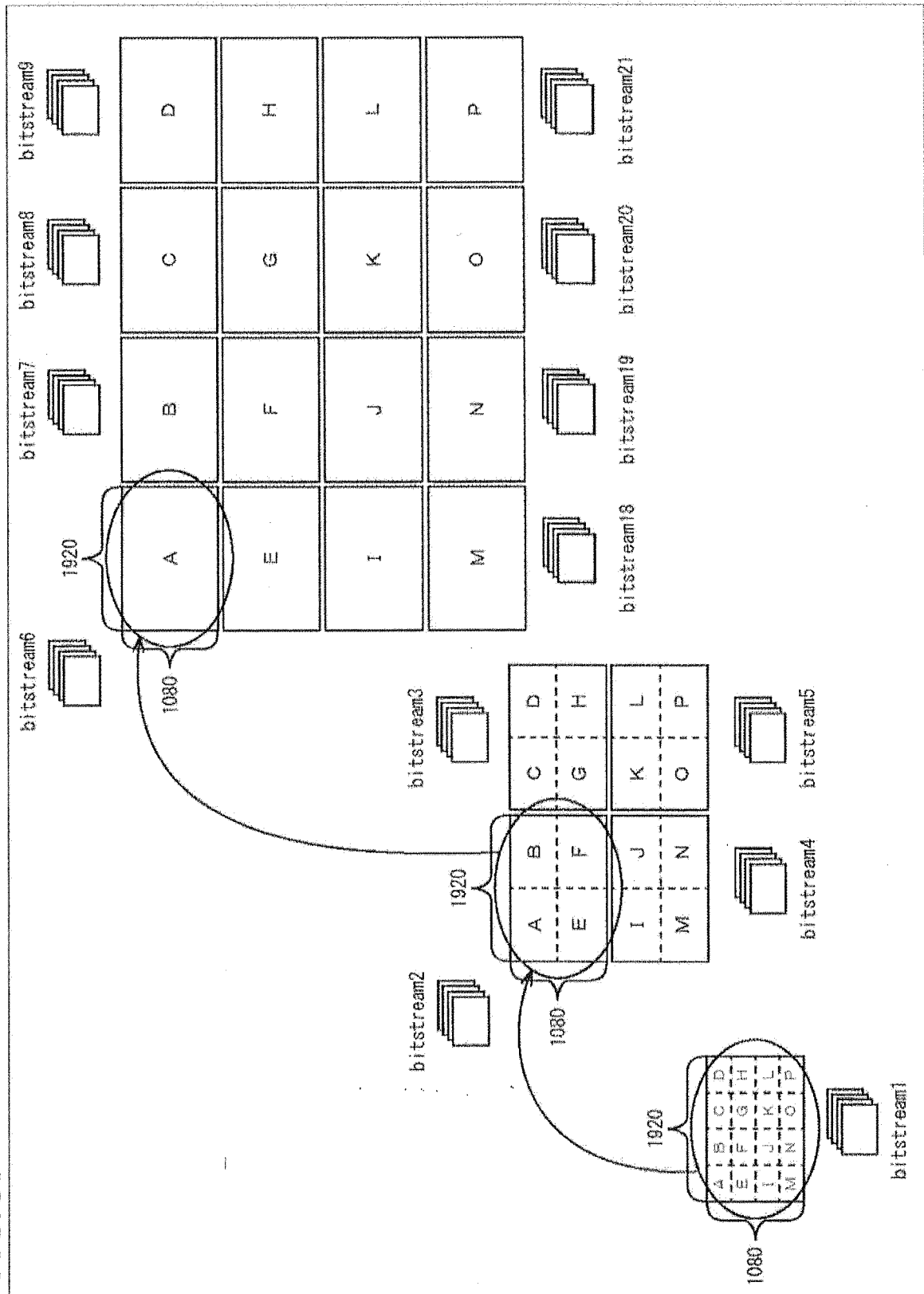


FIG. 38

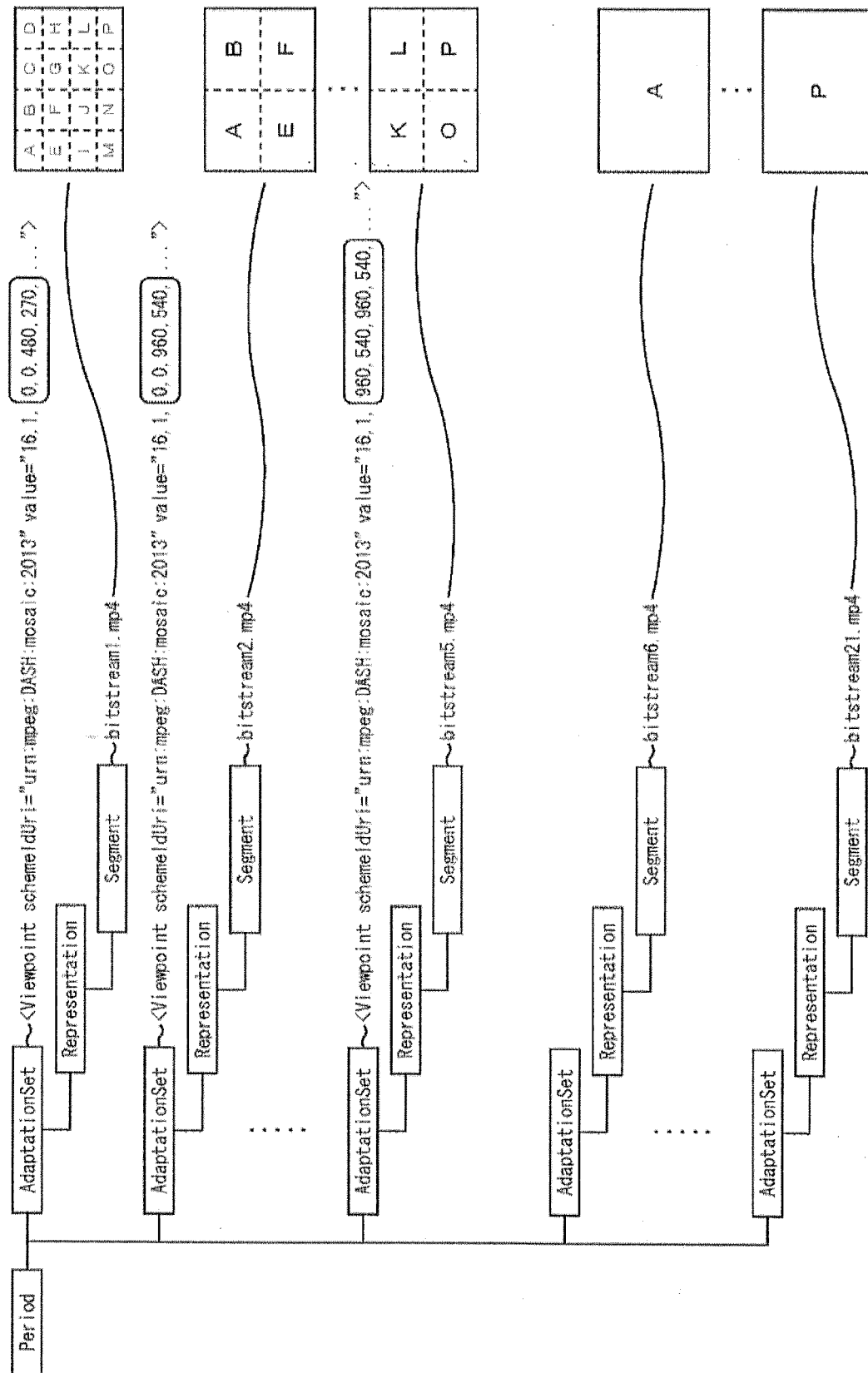


FIG. 39

CASE OF 1 track

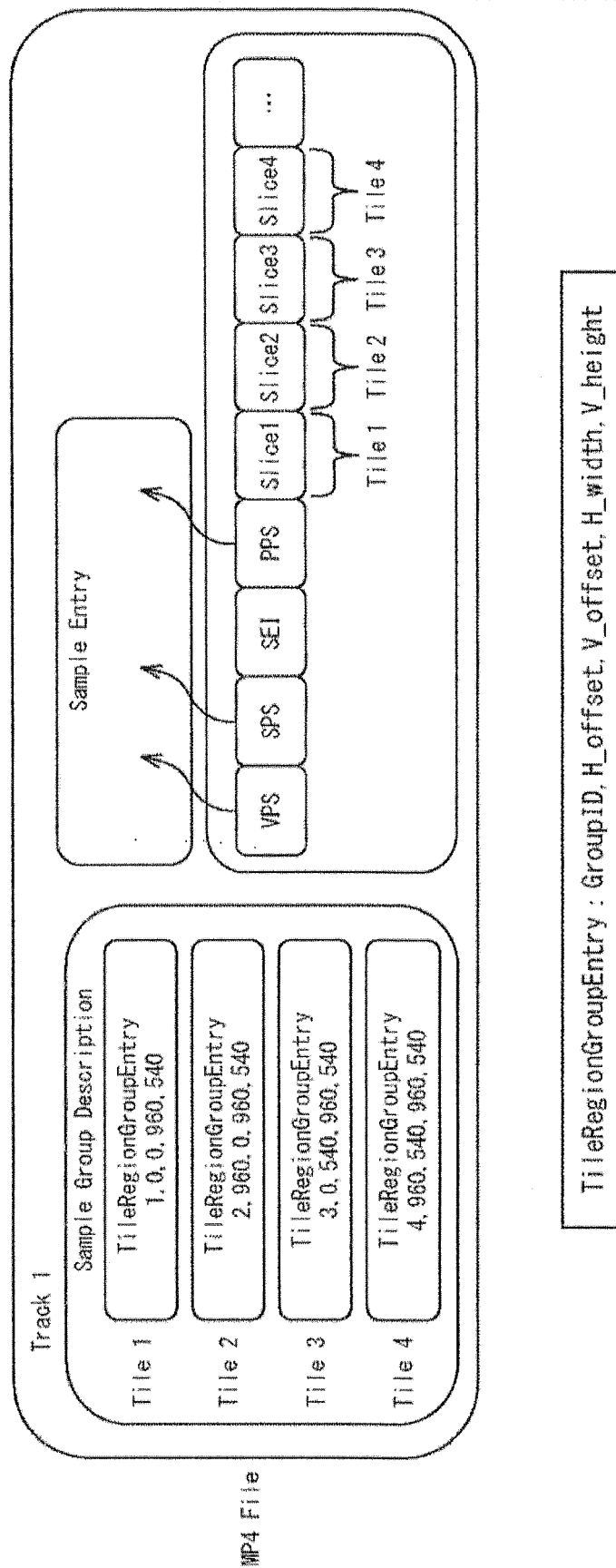


FIG. 40

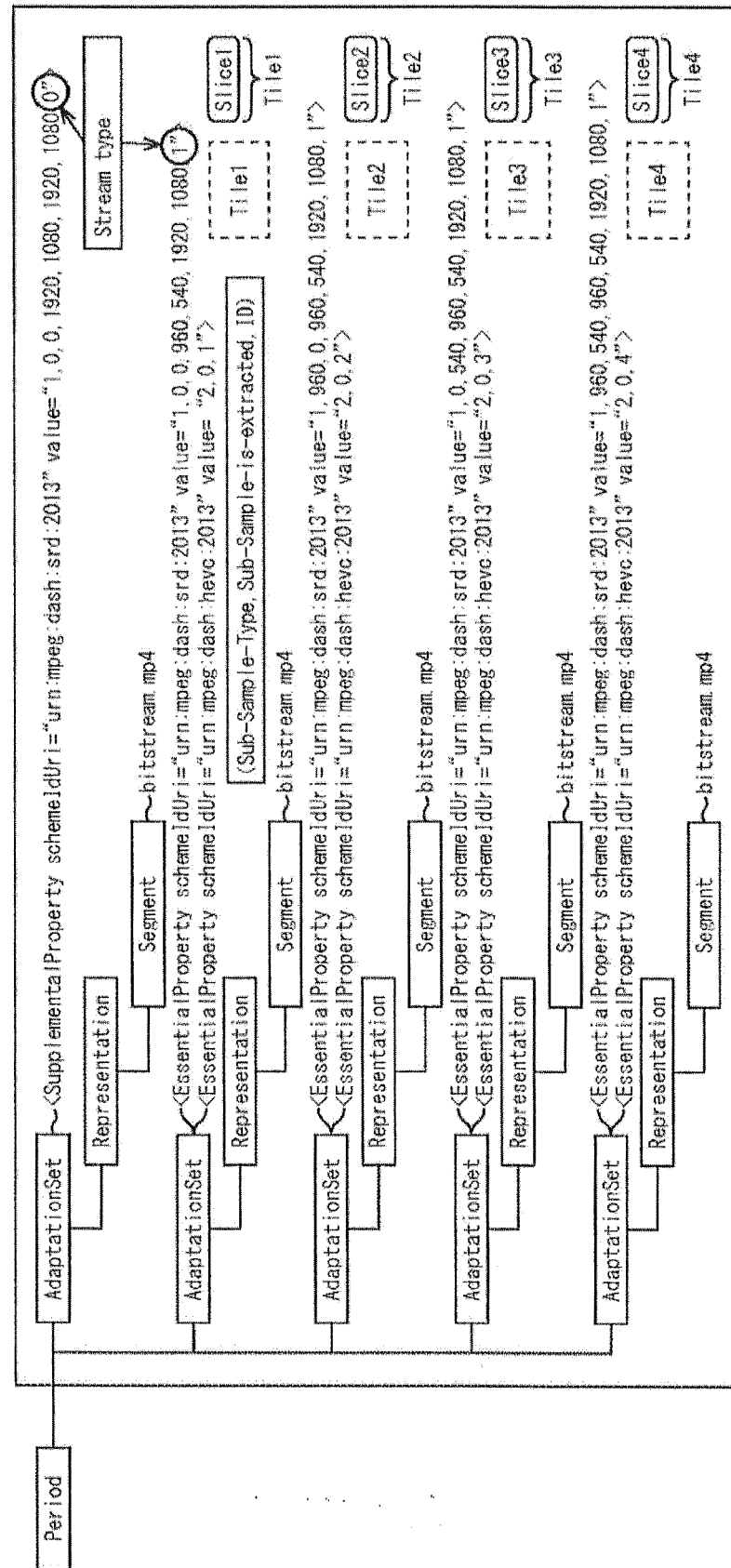


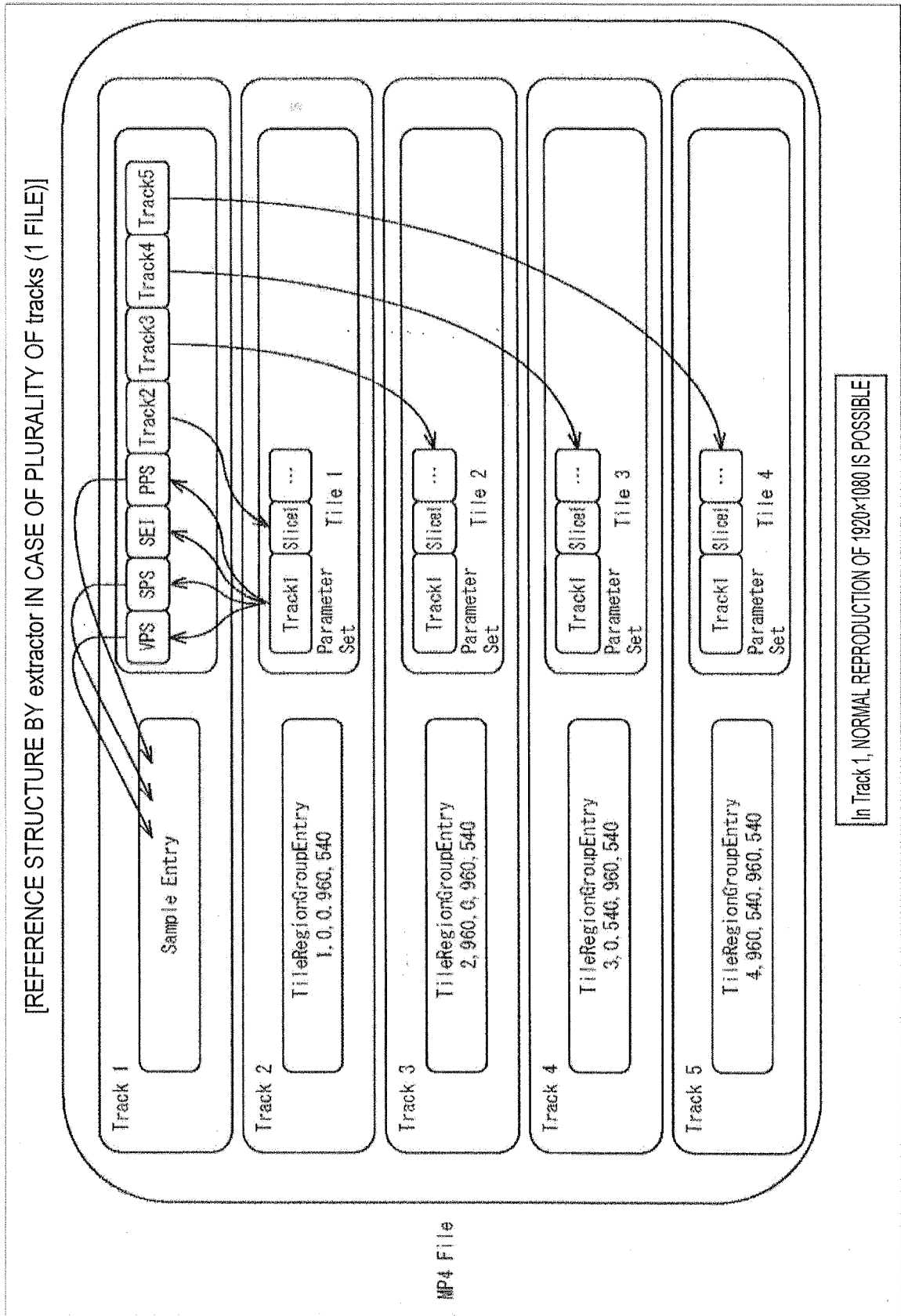
FIG. 41

FIG. 42

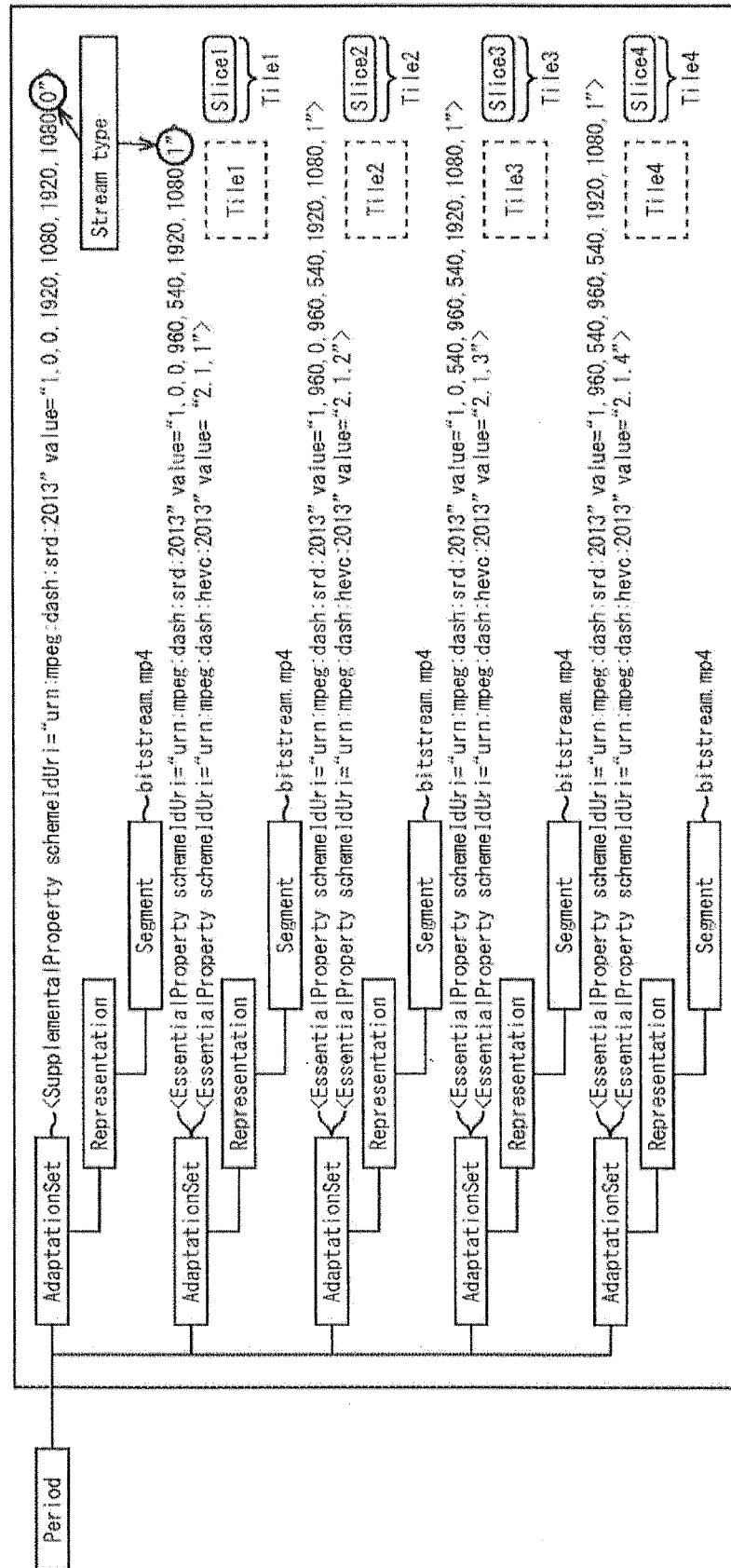


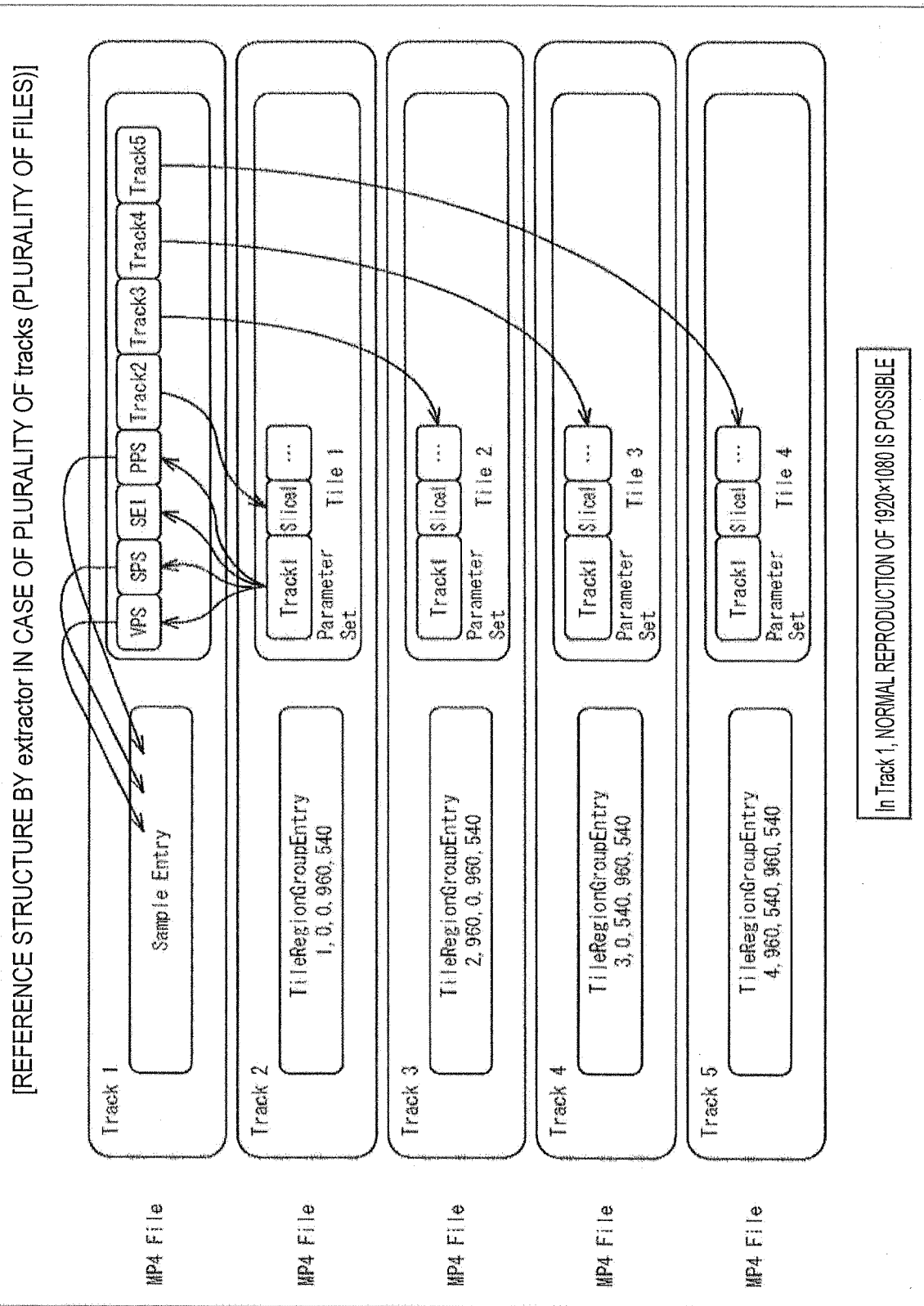
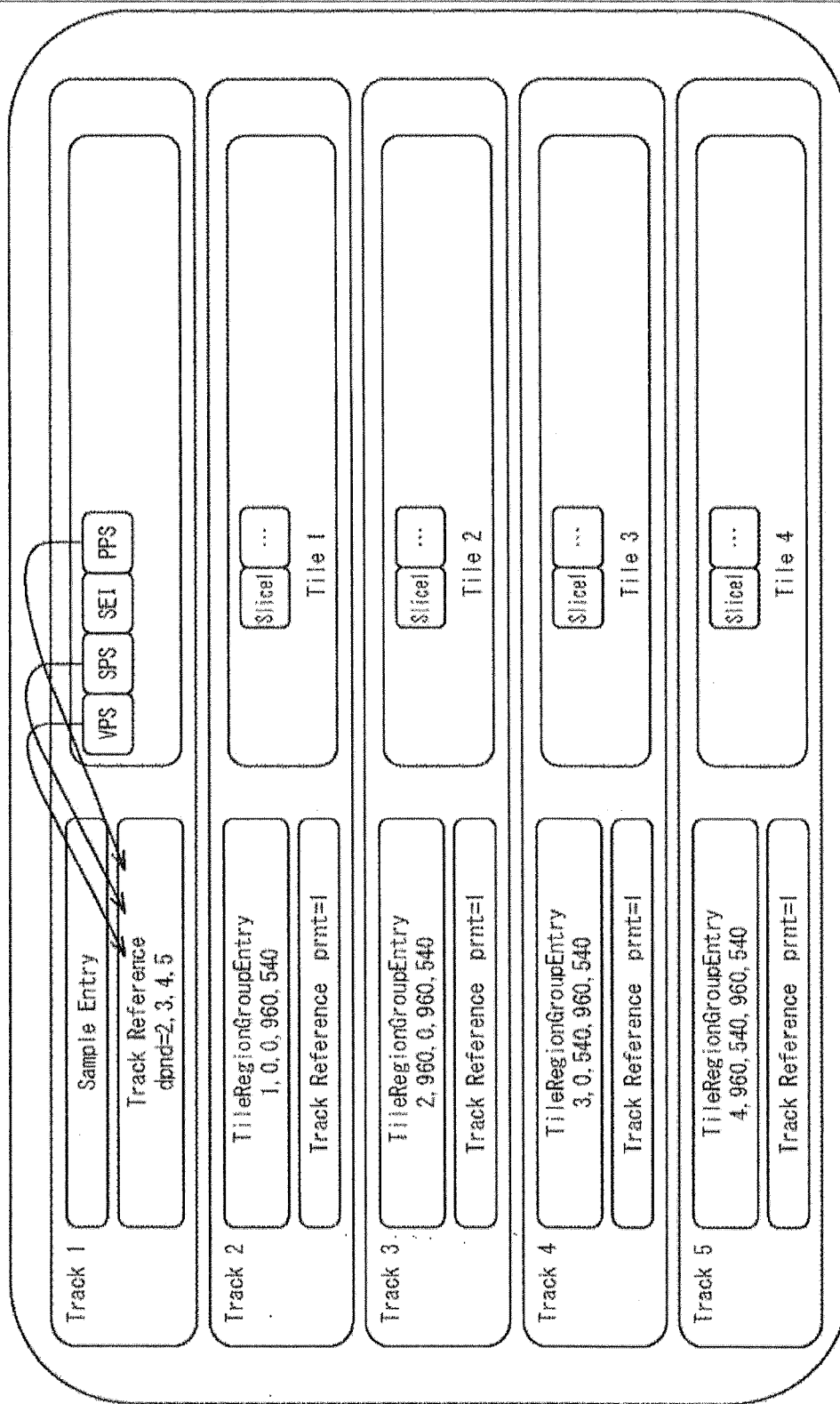
FIG. 43

FIG. 45

[REFERENCE STRUCTURE BY track reference IN CASE OF PLURALITY OF tracks (1 FILE)]



In Track 1, NORMAL REPRODUCTION OF 1920x1080 IS NOT POSSIBLE
REFERENCE DESTINATION FOR Track 2 TO 5 STORING ONLY PS

MP4 File

FIG. 46

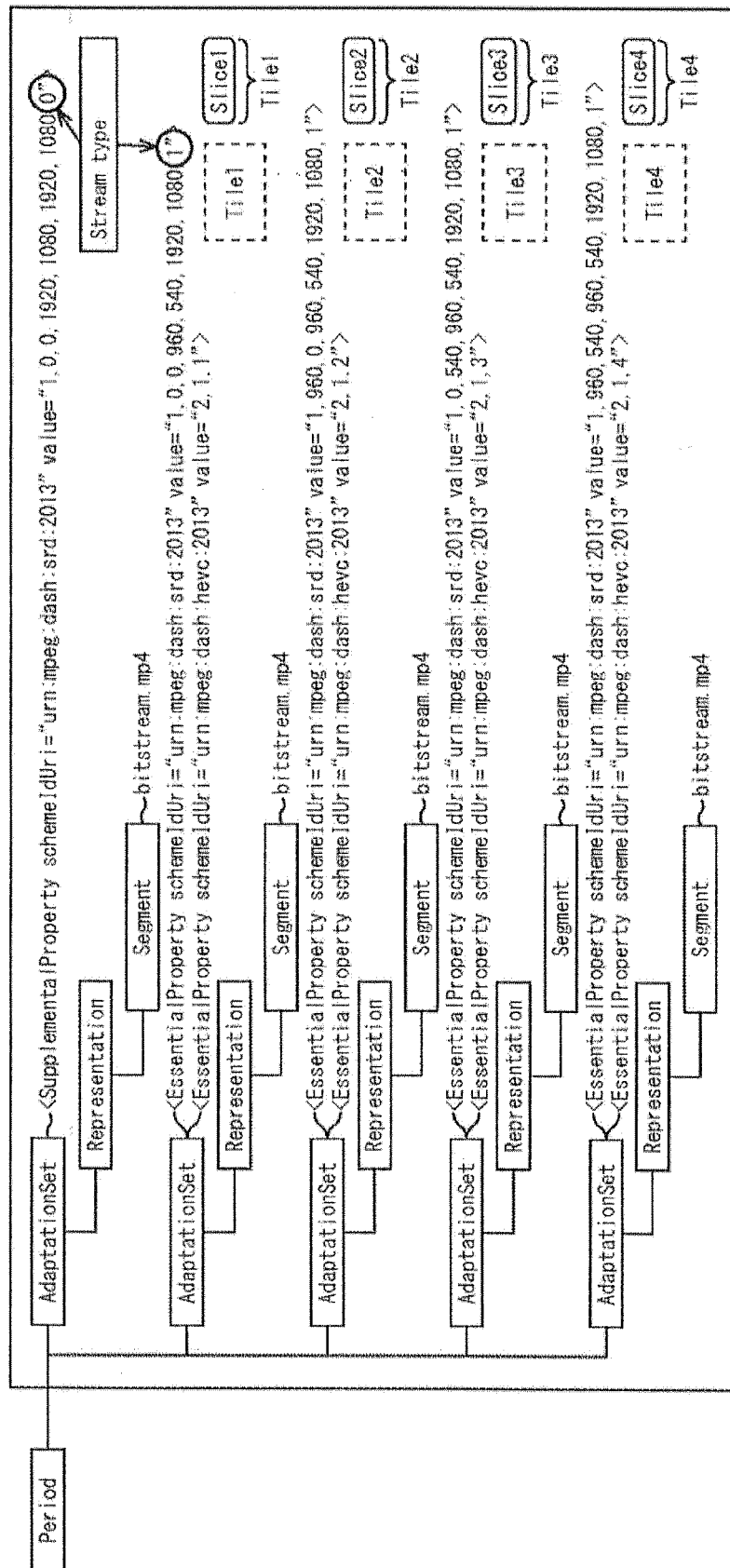
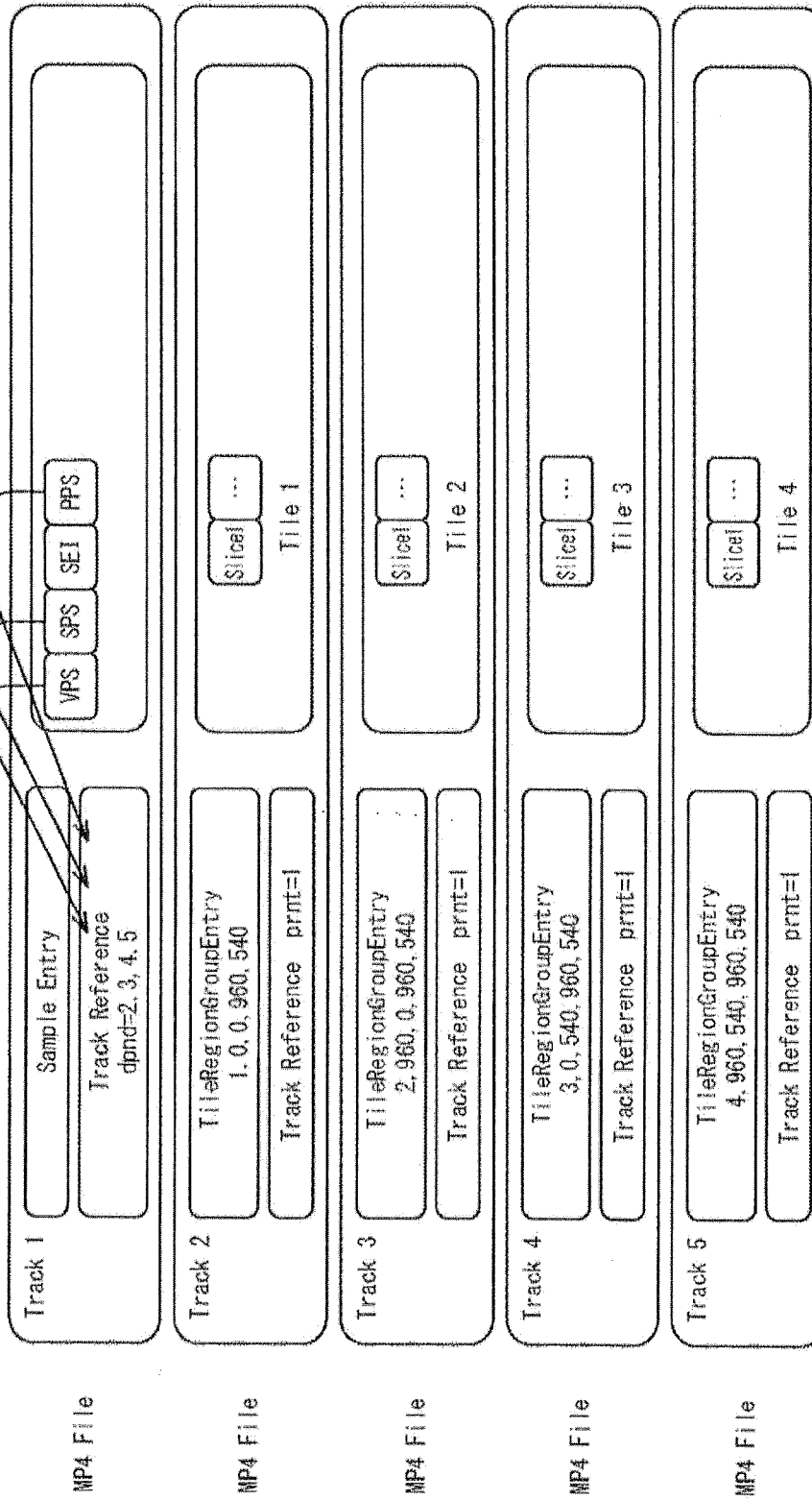


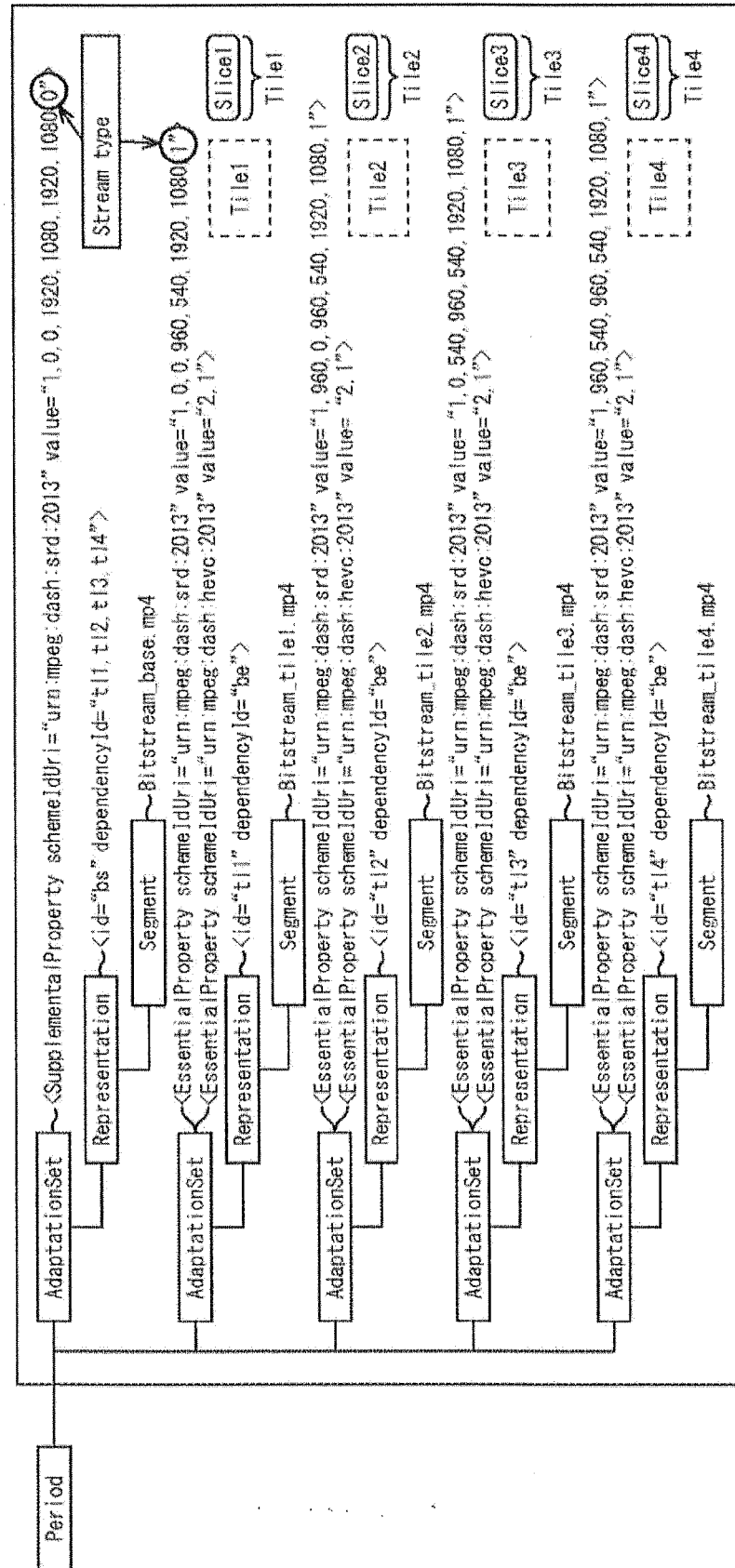
FIG. 47

[REFERENCE STRUCTURE BY track reference IN CASE OF PLURALITY OF tracks (PLURALITY OF FILES)]



In Track 1, NORMAL REPRODUCTION OF 1920×1080 IS NOT POSSIBLE
REFERENCE DESTINATION FOR Track 2 TO 5 STORING ONLY PS

FIG. 48



[HYBRID REFERENCE STRUCTURE OF track reference AND extractor IN CASE OF PLURALITY OF tracks ('1 FILE)]

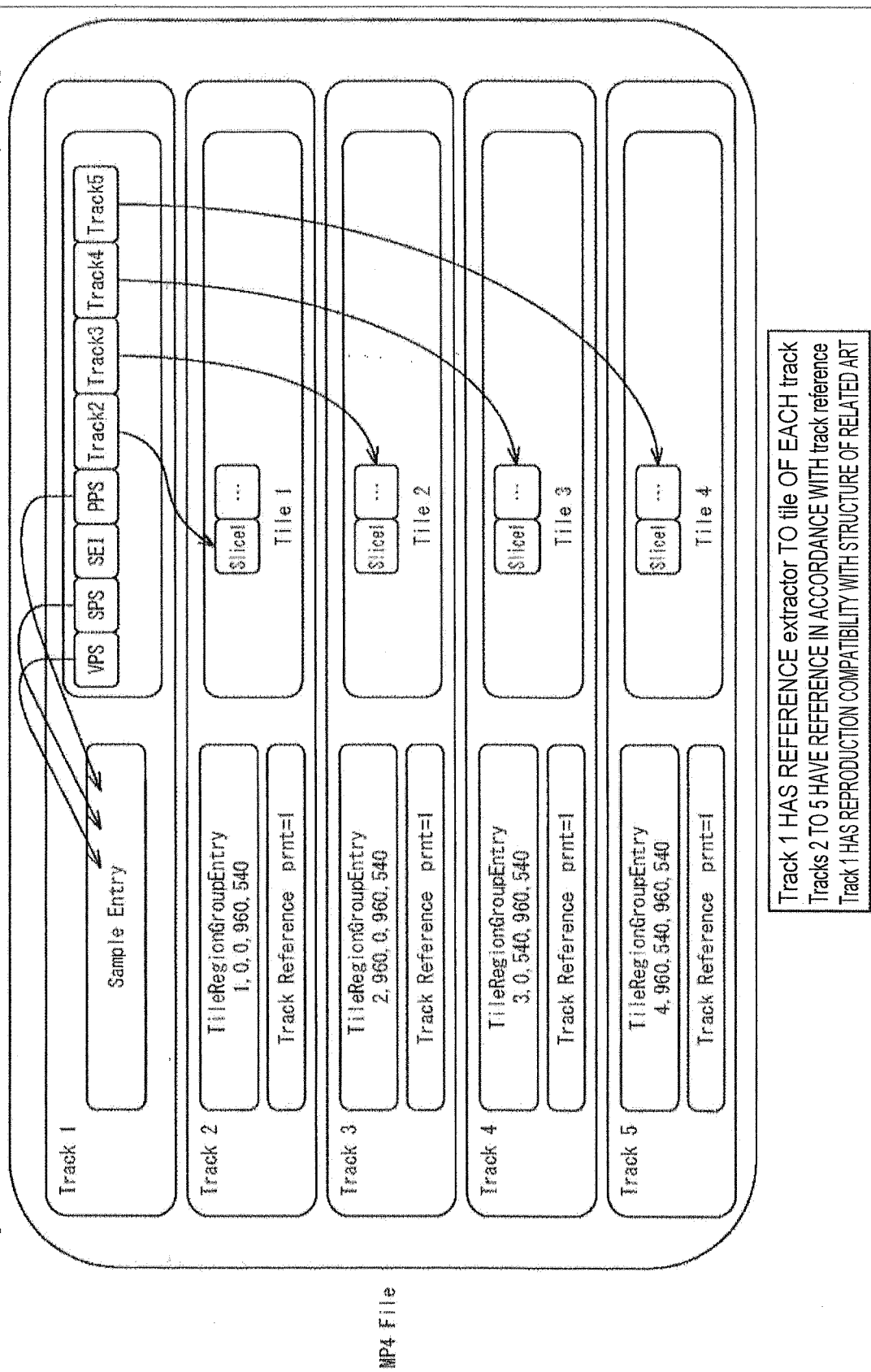
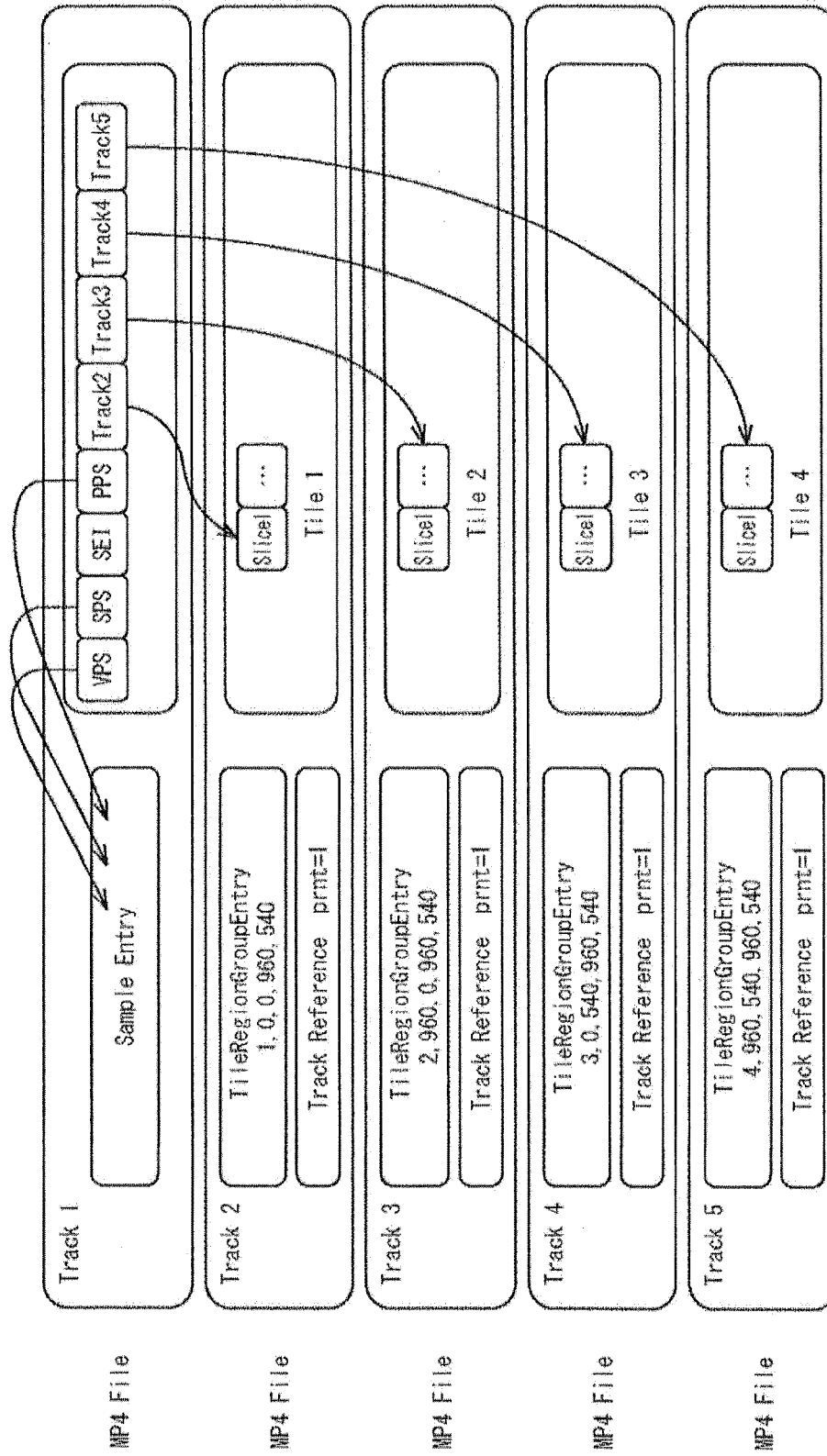


FIG. 51

[HYBRID REFERENCE STRUCTURE OF track reference AND extractor IN CASE OF PLURALITY OF tracks (PLURALITY OF FILES)]



Track 1 HAS REFERENCE extractor TO tile OF EACH track
 Tracks 2 TO 5 HAVE REFERENCE IN ACCORDANCE WITH track reference
 Track 1 HAS REPRODUCTION COMPATIBILITY WITH STRUCTURE OF RELATED ART

FIG. 52

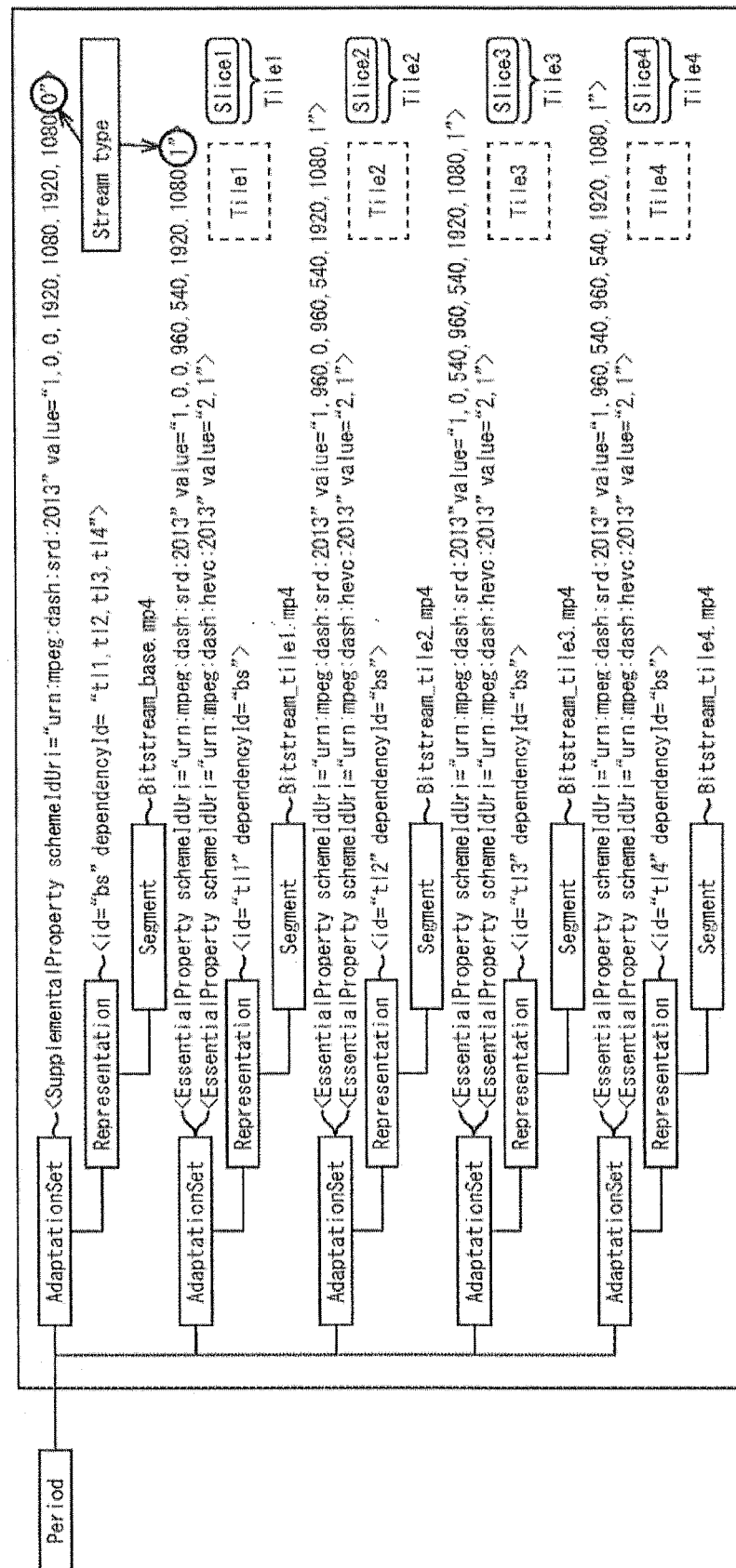


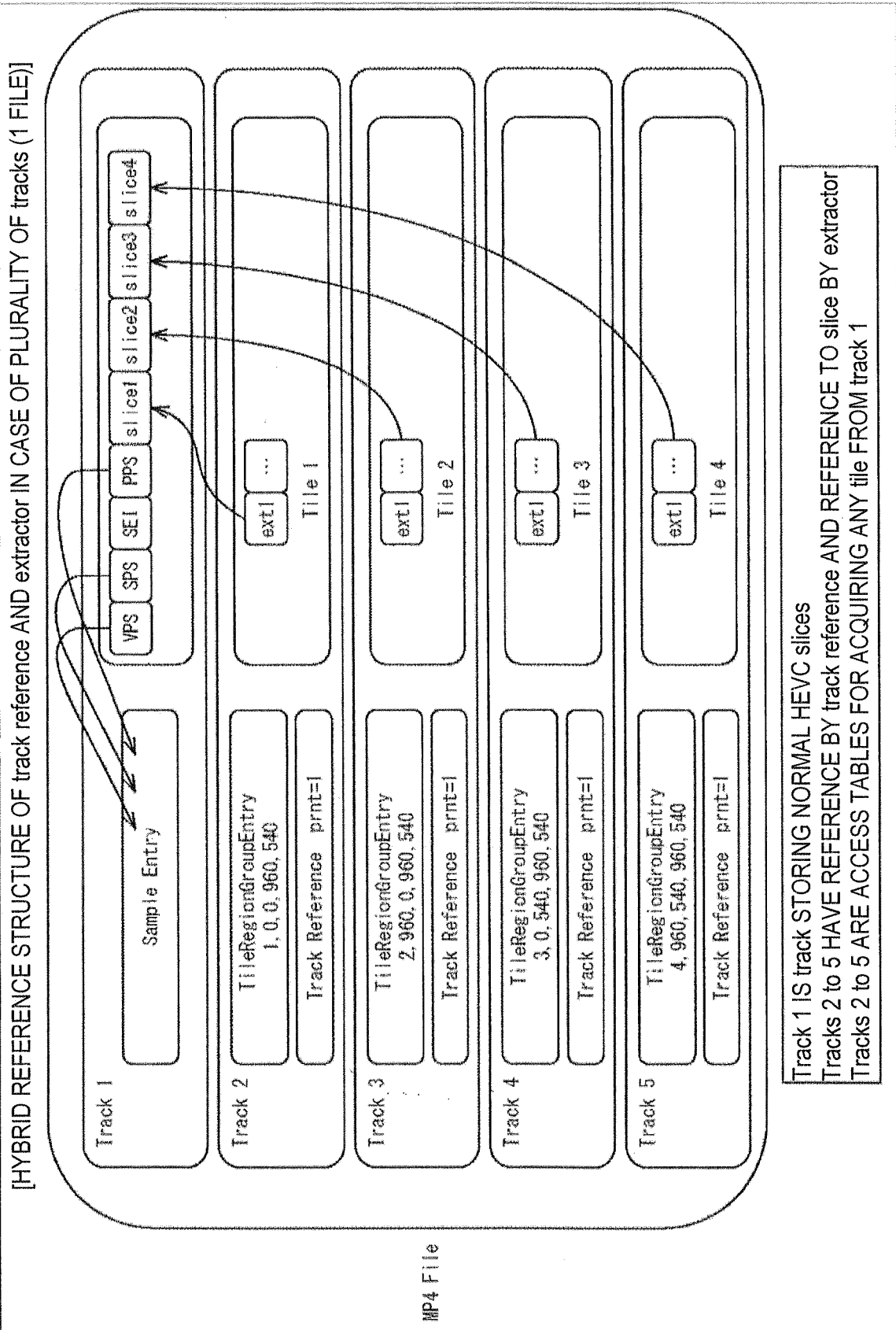
FIG. 53

FIG. 54

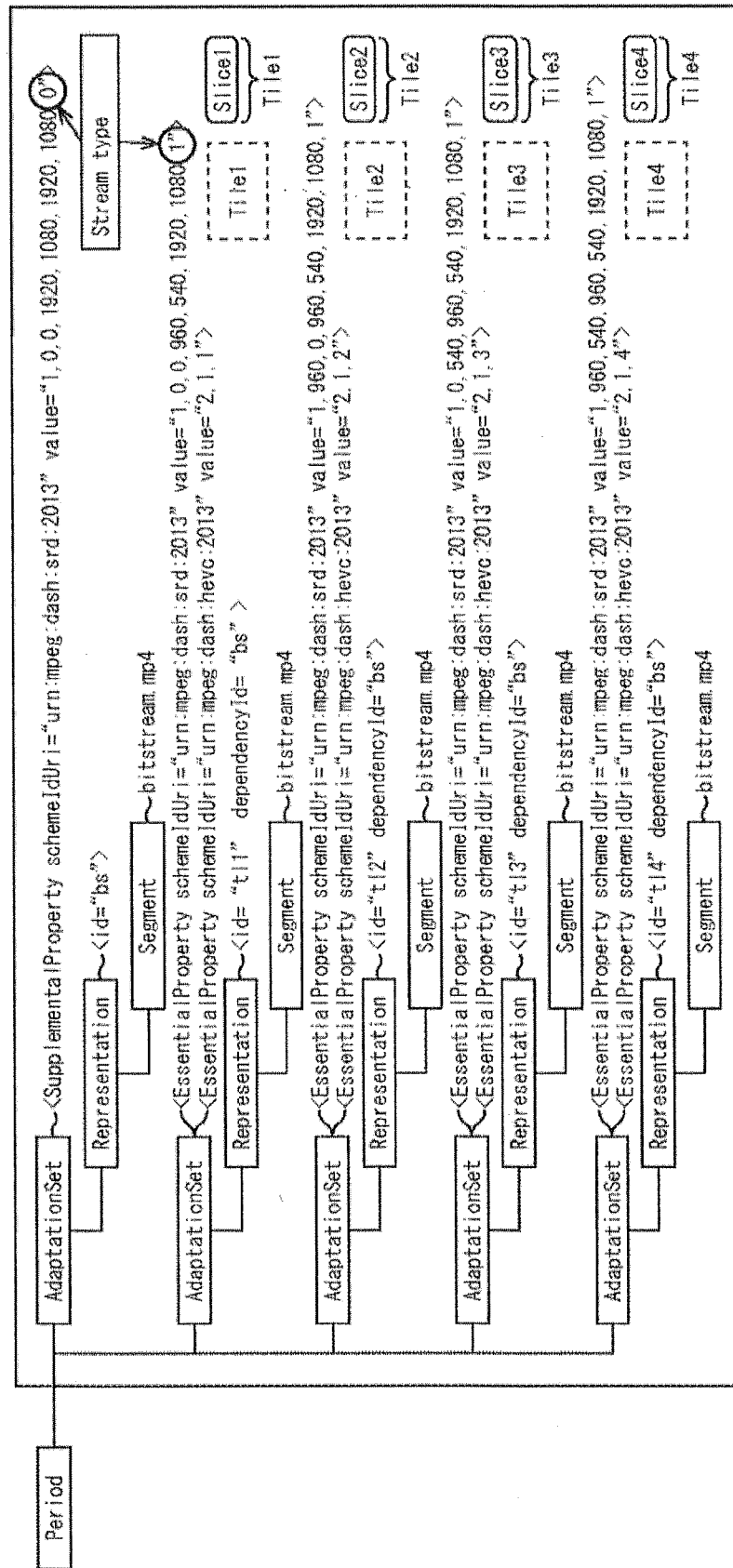
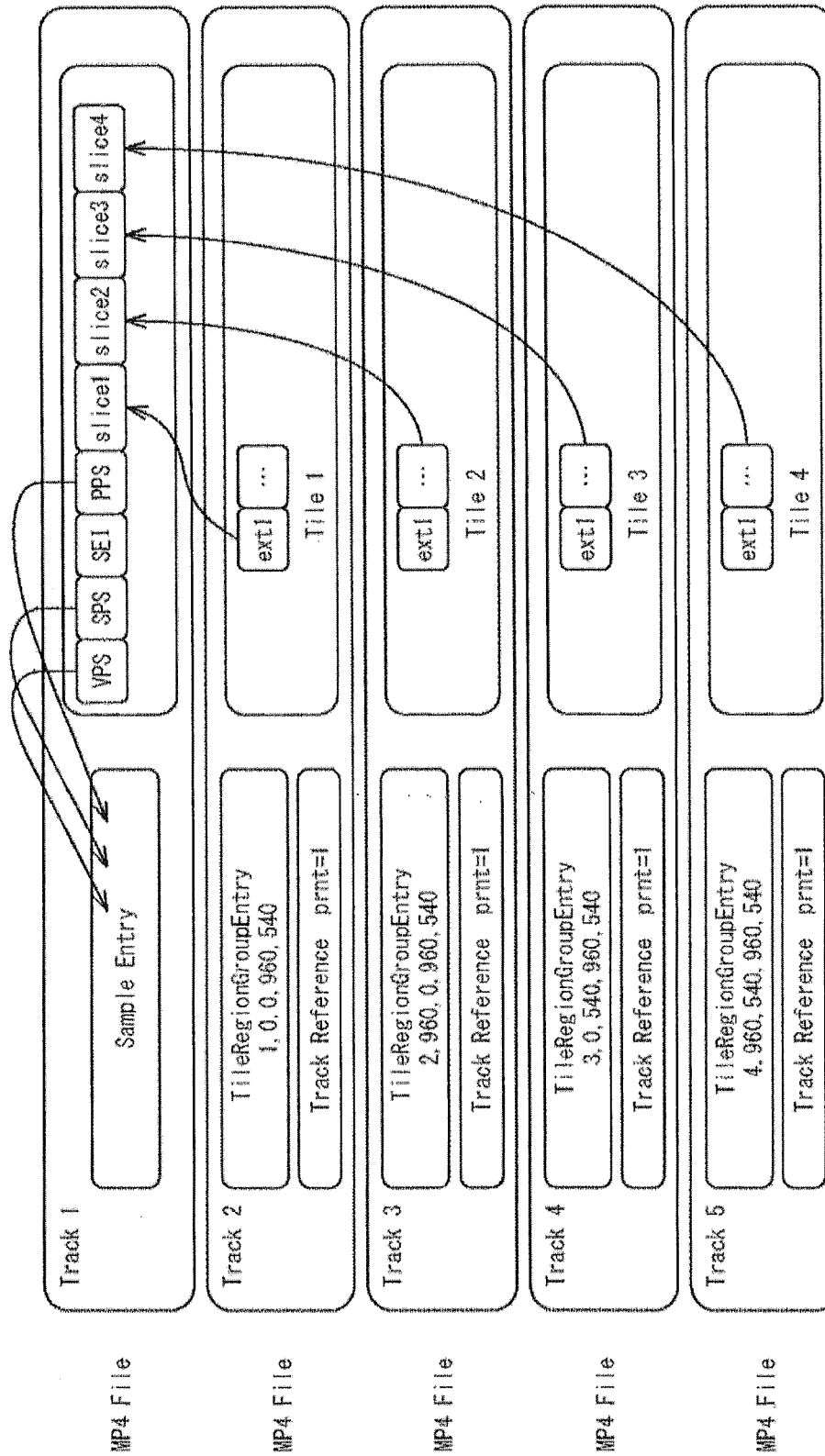


FIG. 55

[HYBRID REFERENCE STRUCTURE OF track reference AND extractor IN CASE OF PLURALITY OF tracks (PLURALITY OF FILES)]



Track 1 IS track STORING NORMAL HEVC slices
 Tracks 2 to 5 HAVE REFERENCE BY track reference AND REFERENCE TO slice BY extractor
 Tracks 2 to 5 ARE ACCESS TABLES FOR ACQUIRING ANY tile FROM track 1

FIG. 57

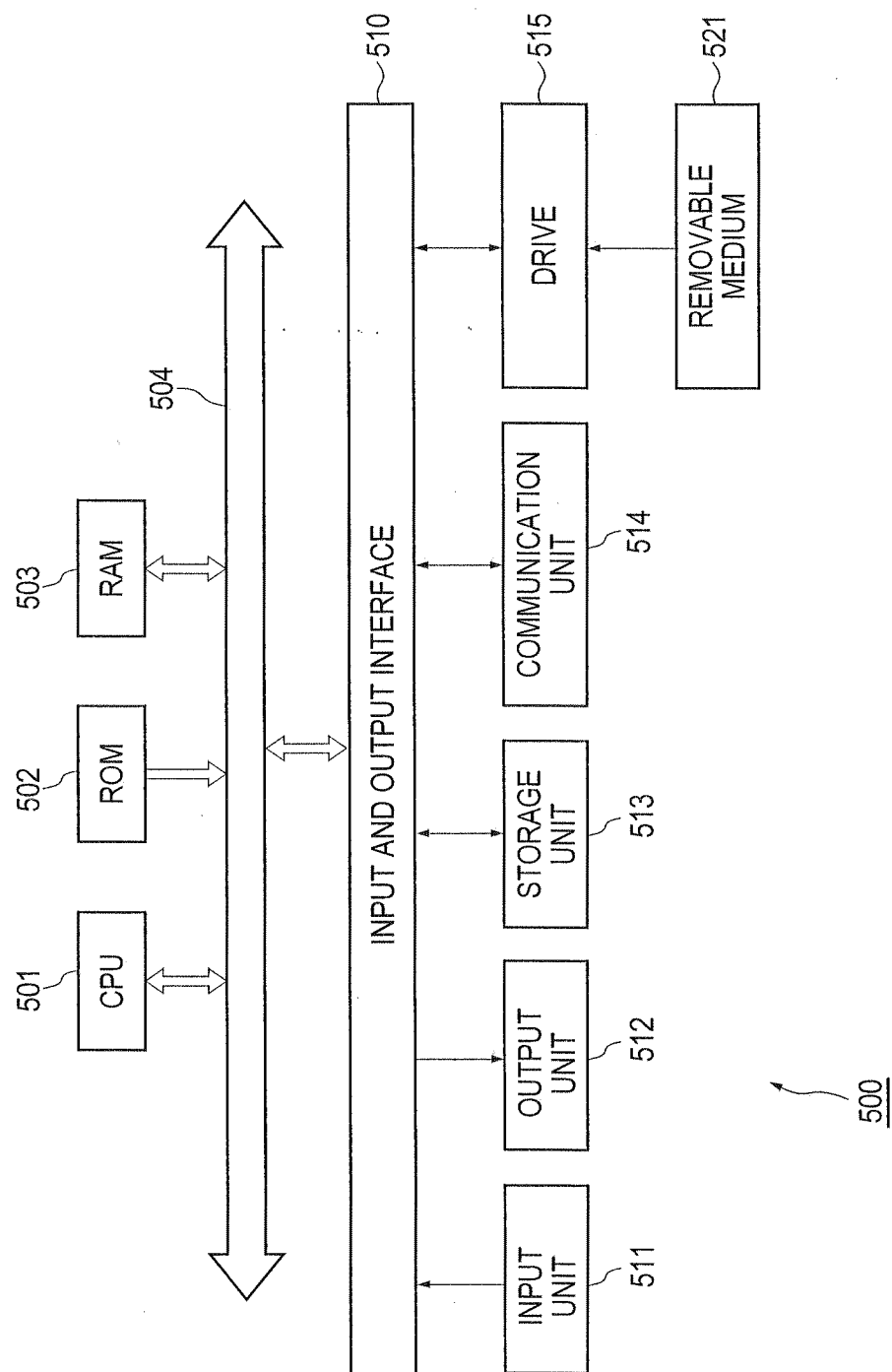


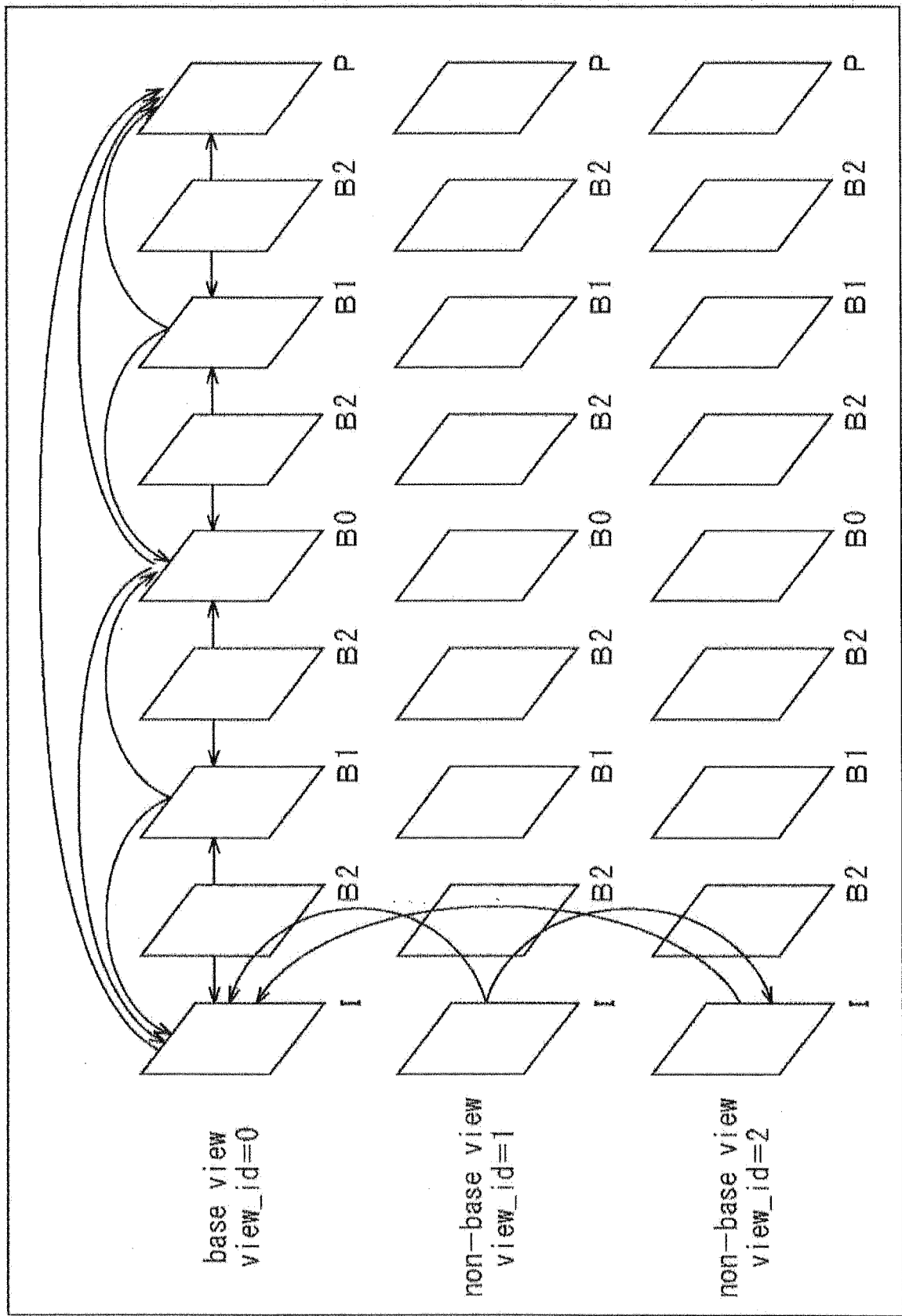
FIG. 58

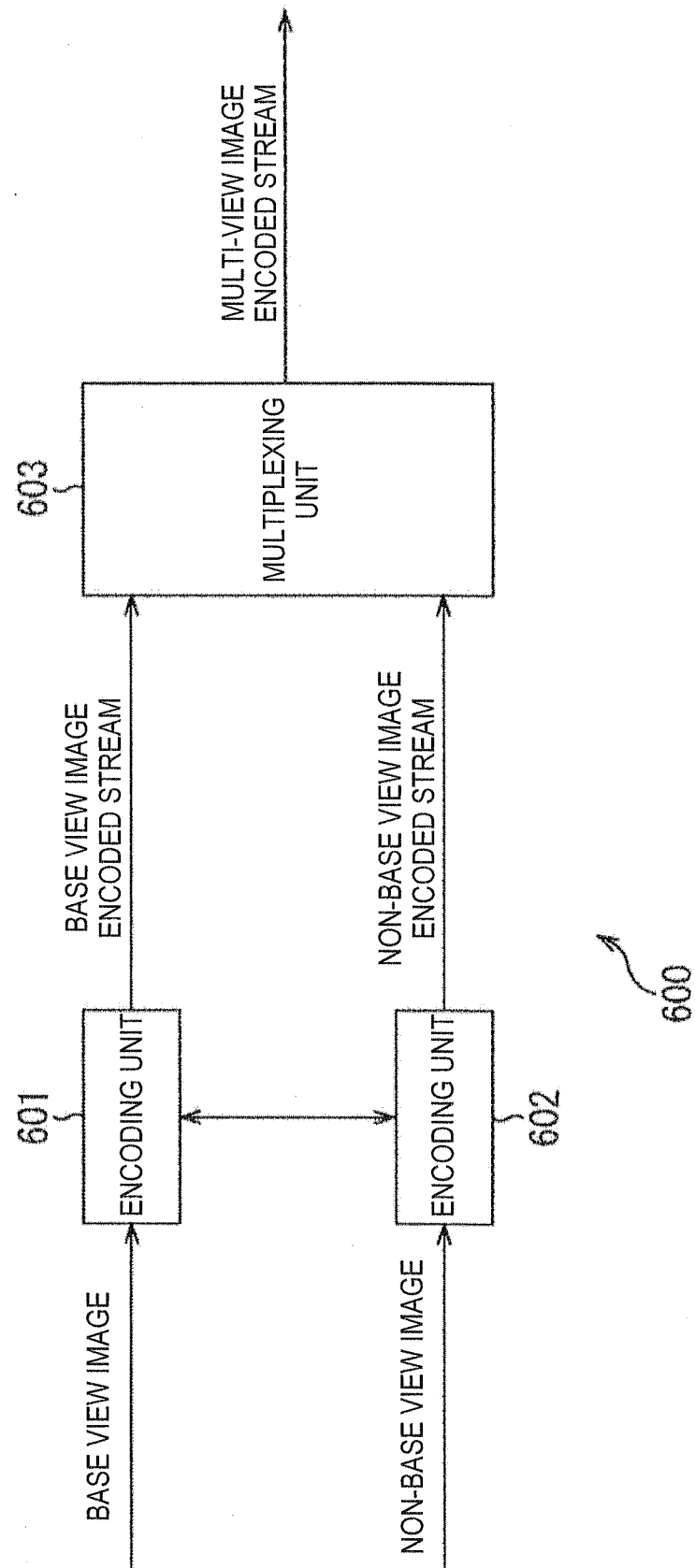
FIG. 59

FIG. 60

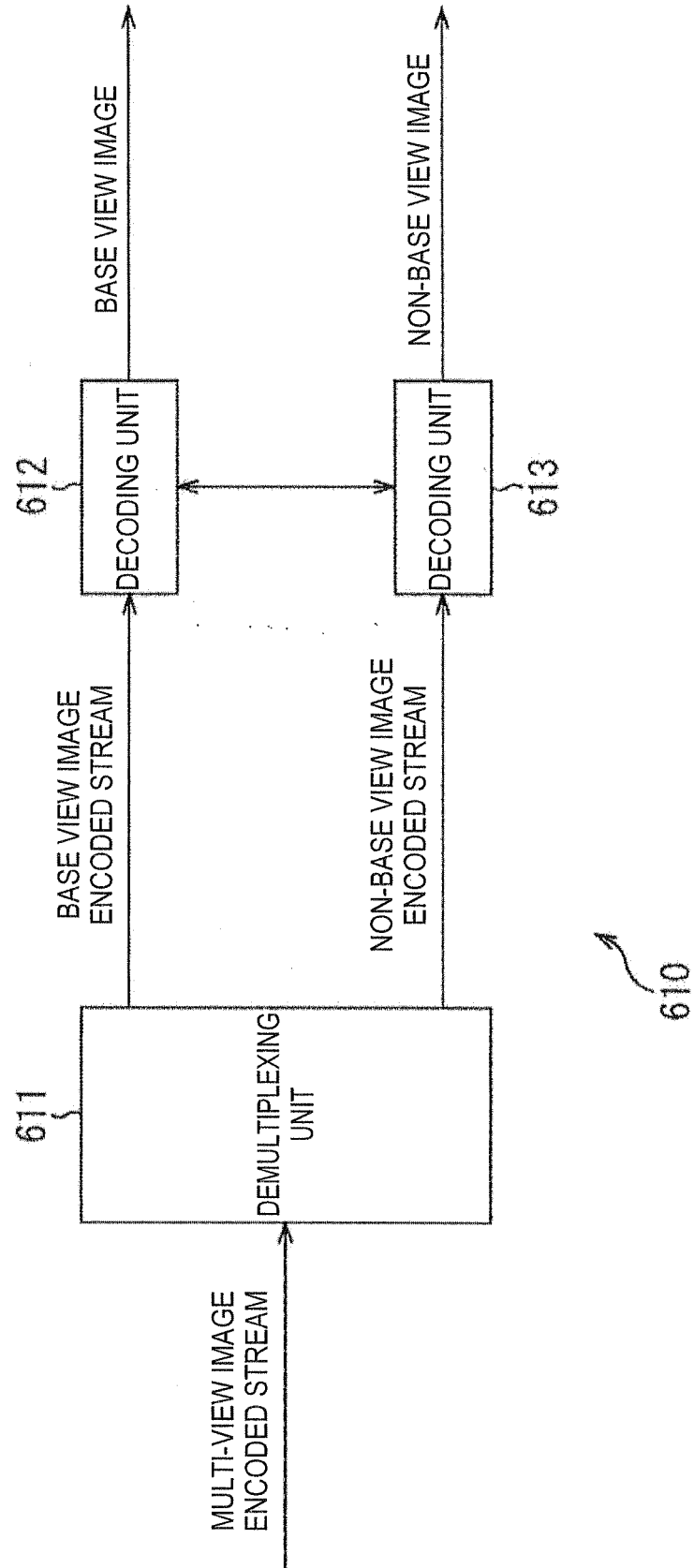


FIG. 61

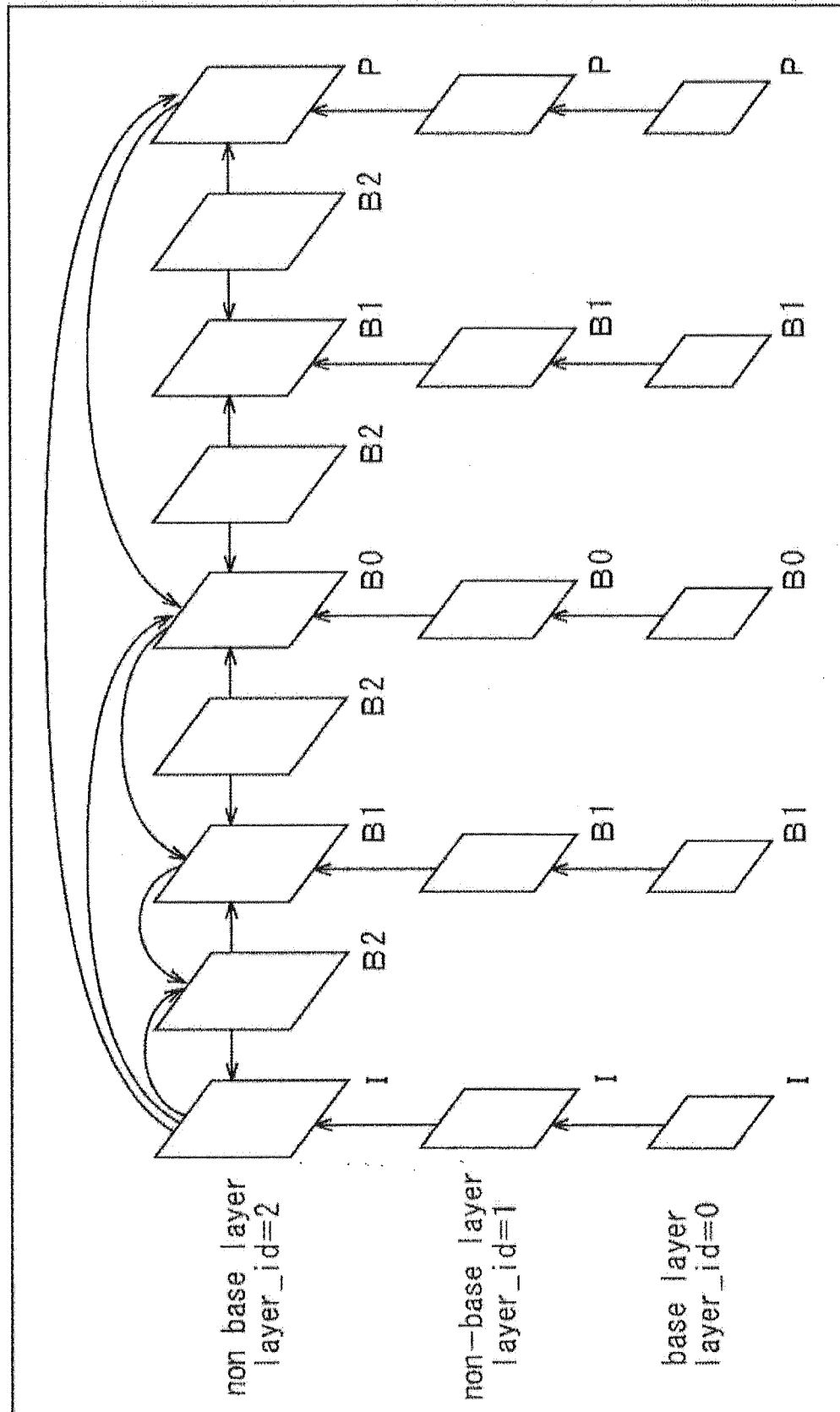


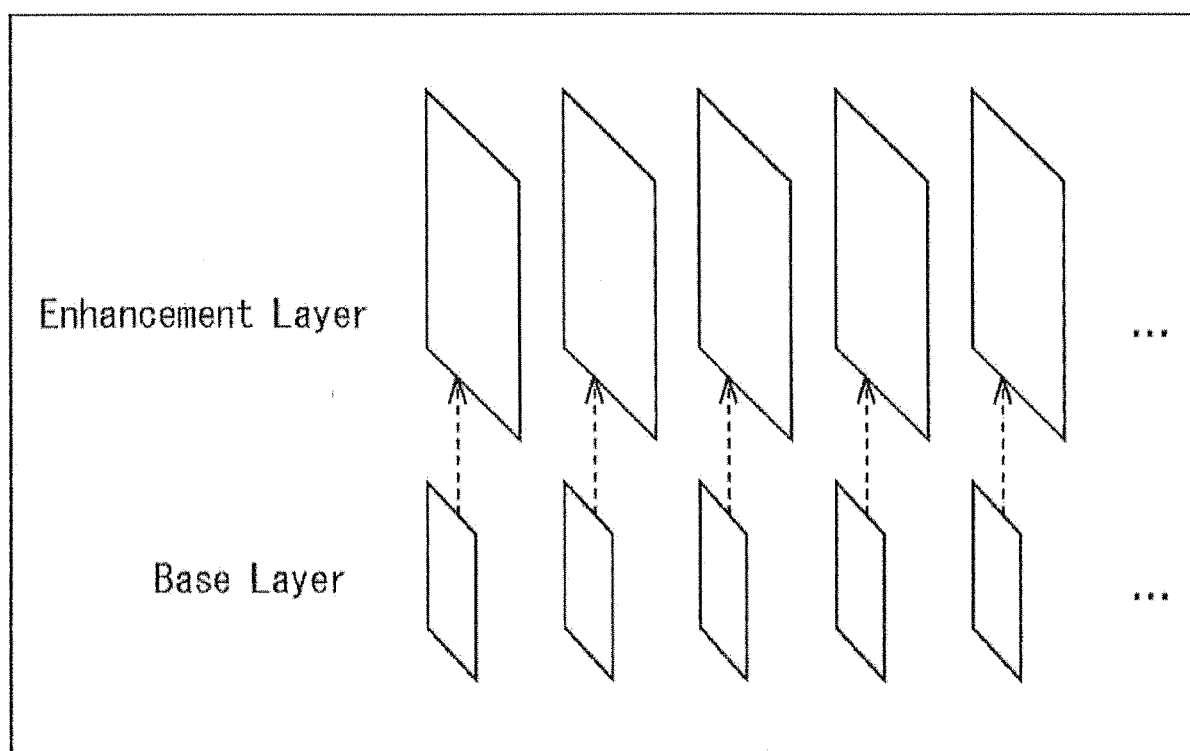
FIG. 62

FIG. 63

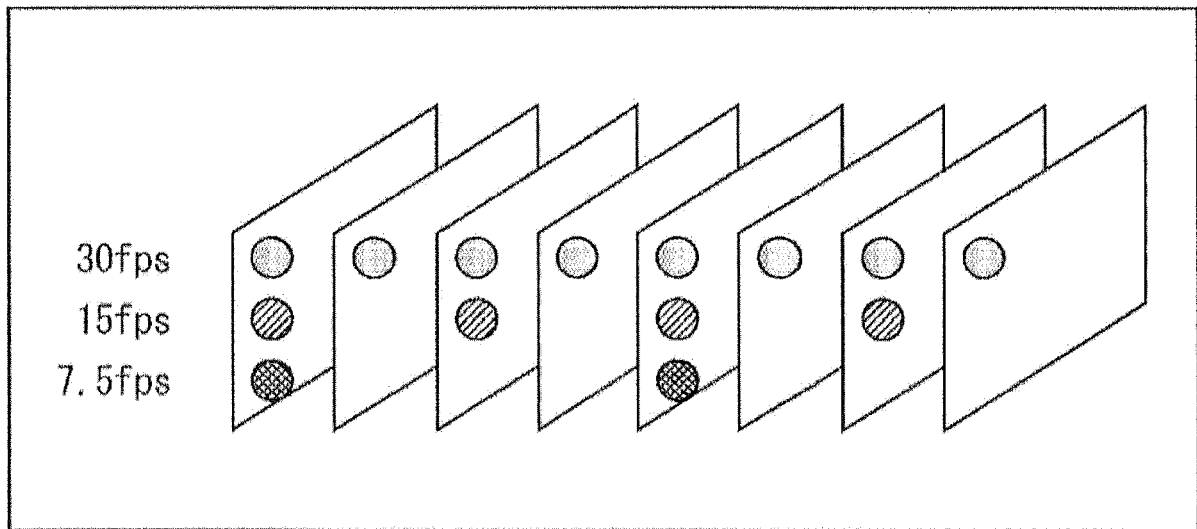


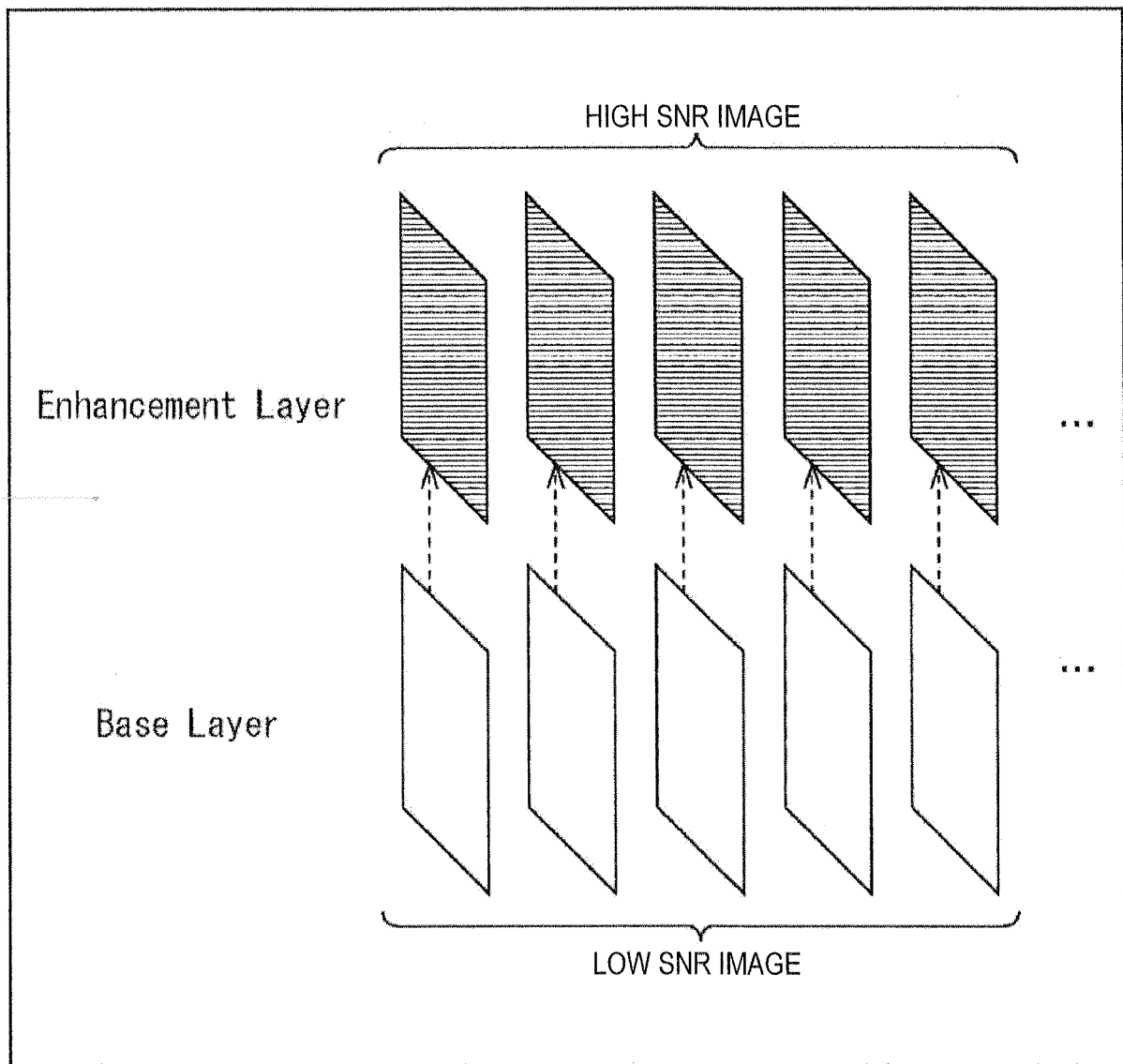
FIG. 64

FIG. 65

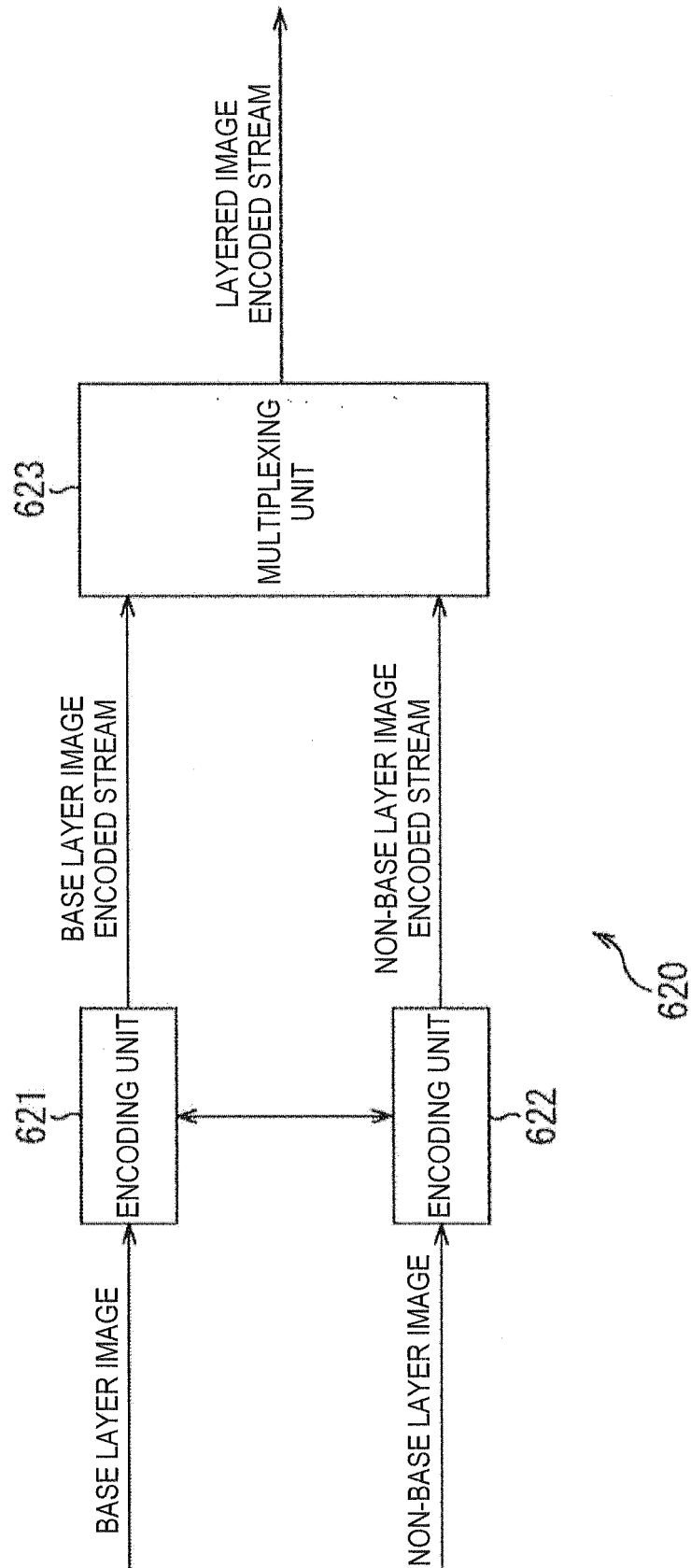


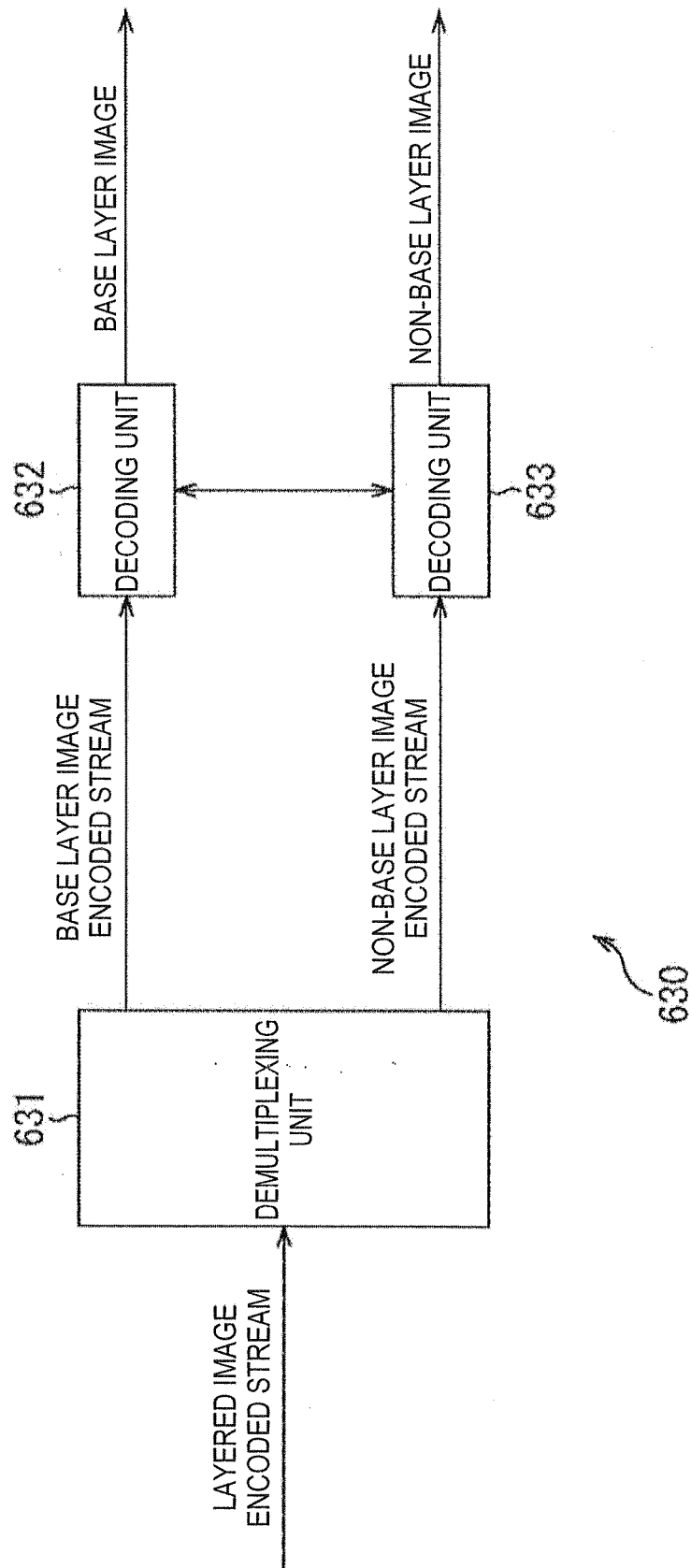
FIG. 66

FIG. 67

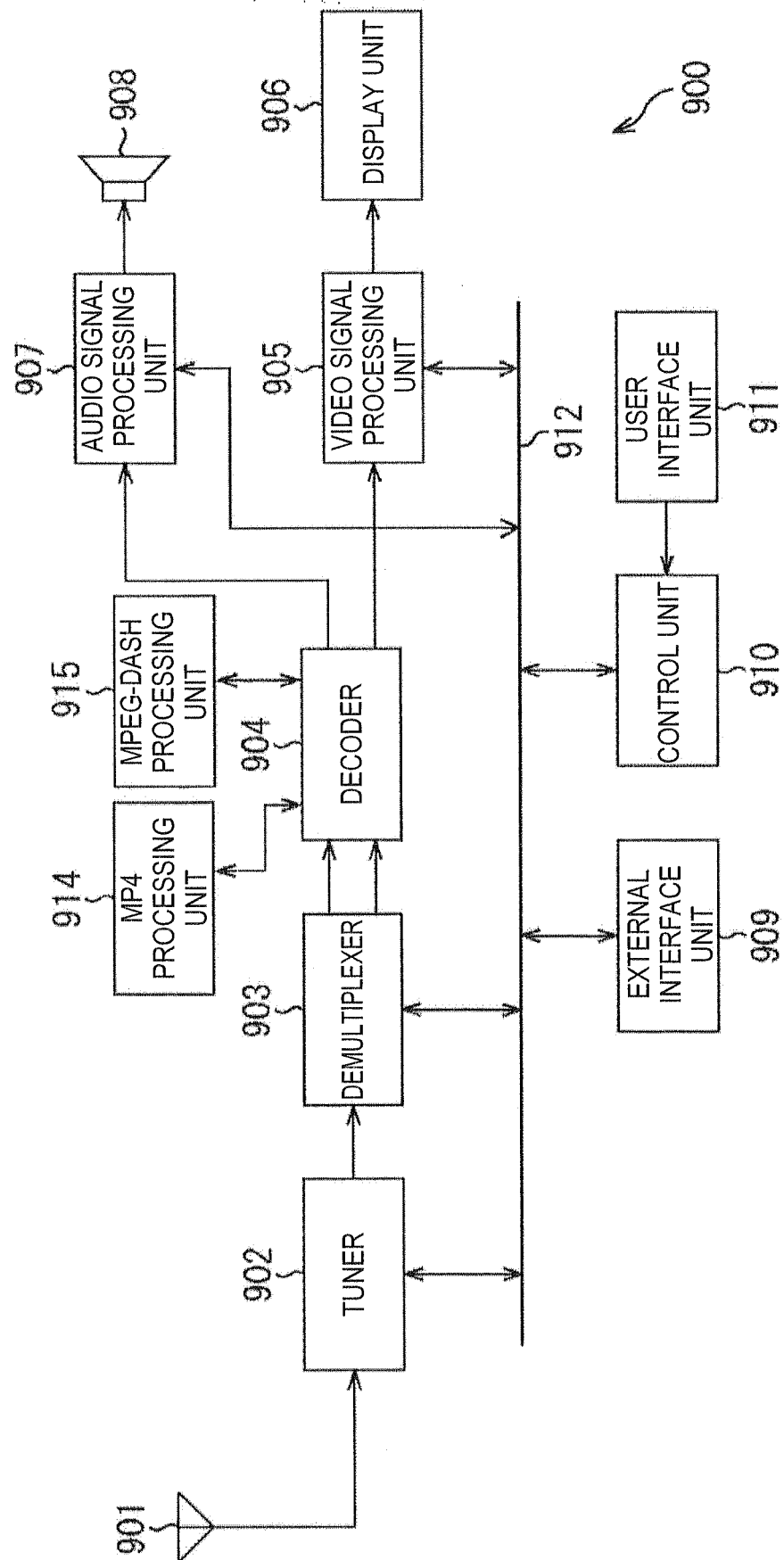


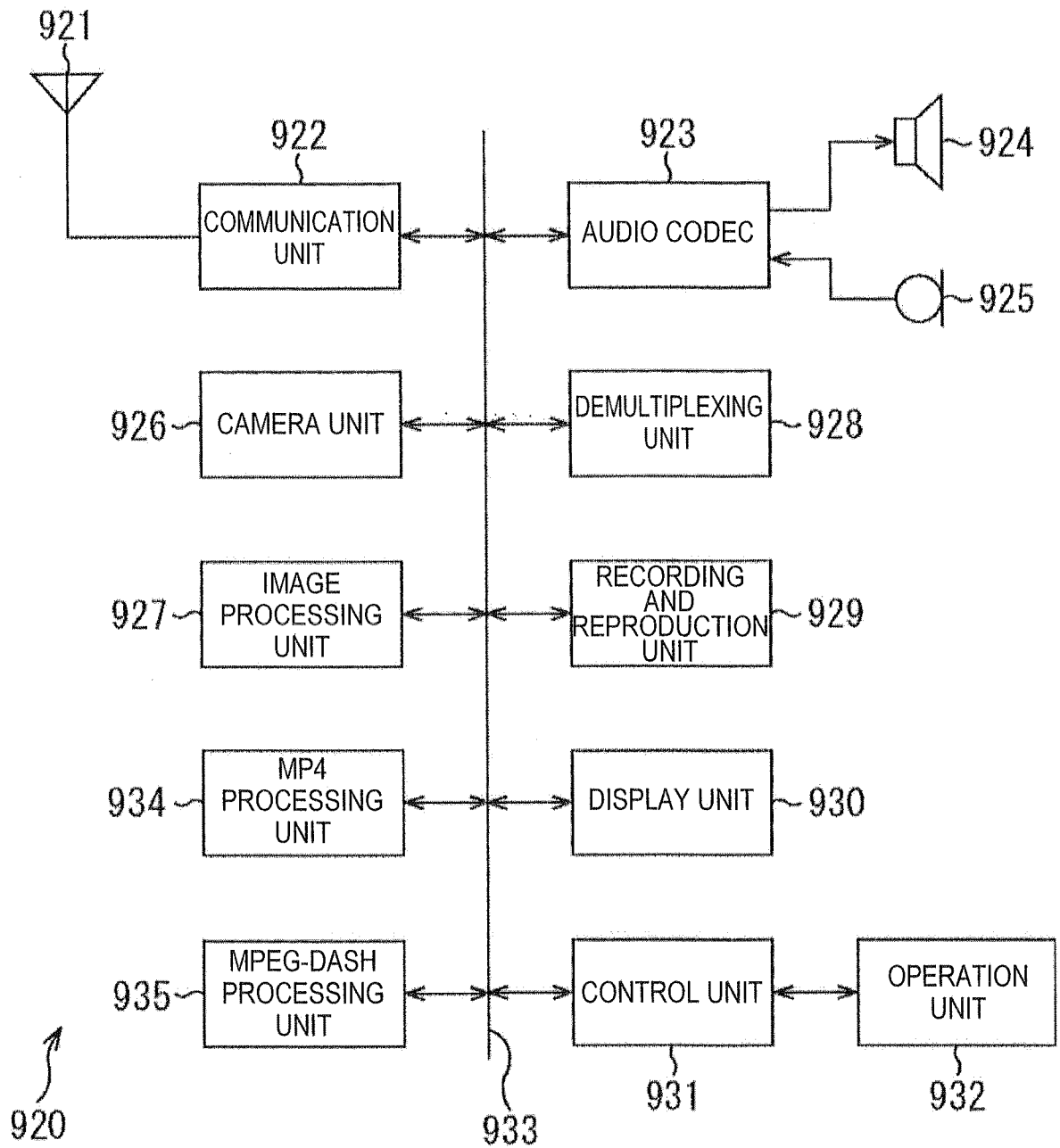
FIG. 68

FIG. 69

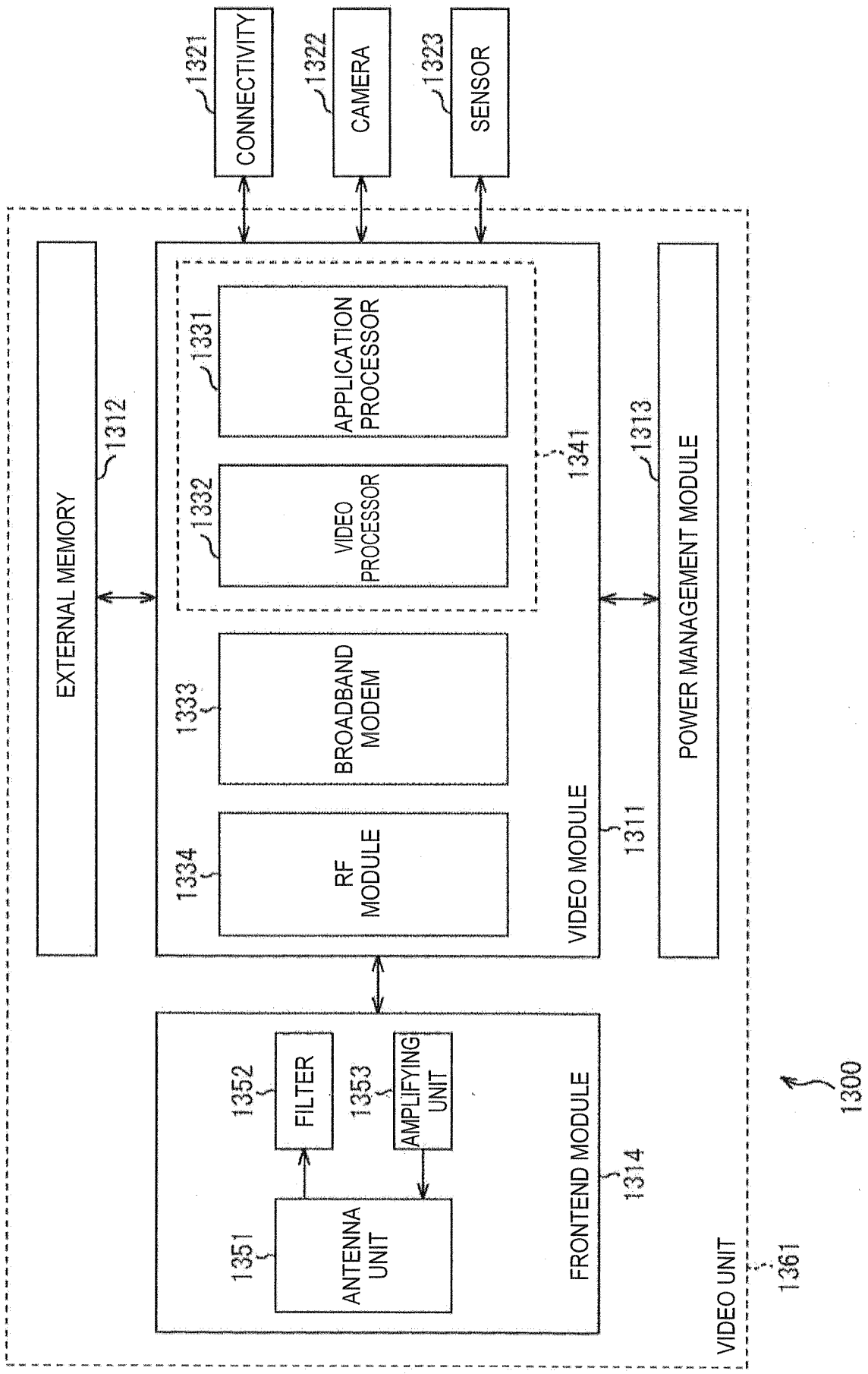


FIG. 70

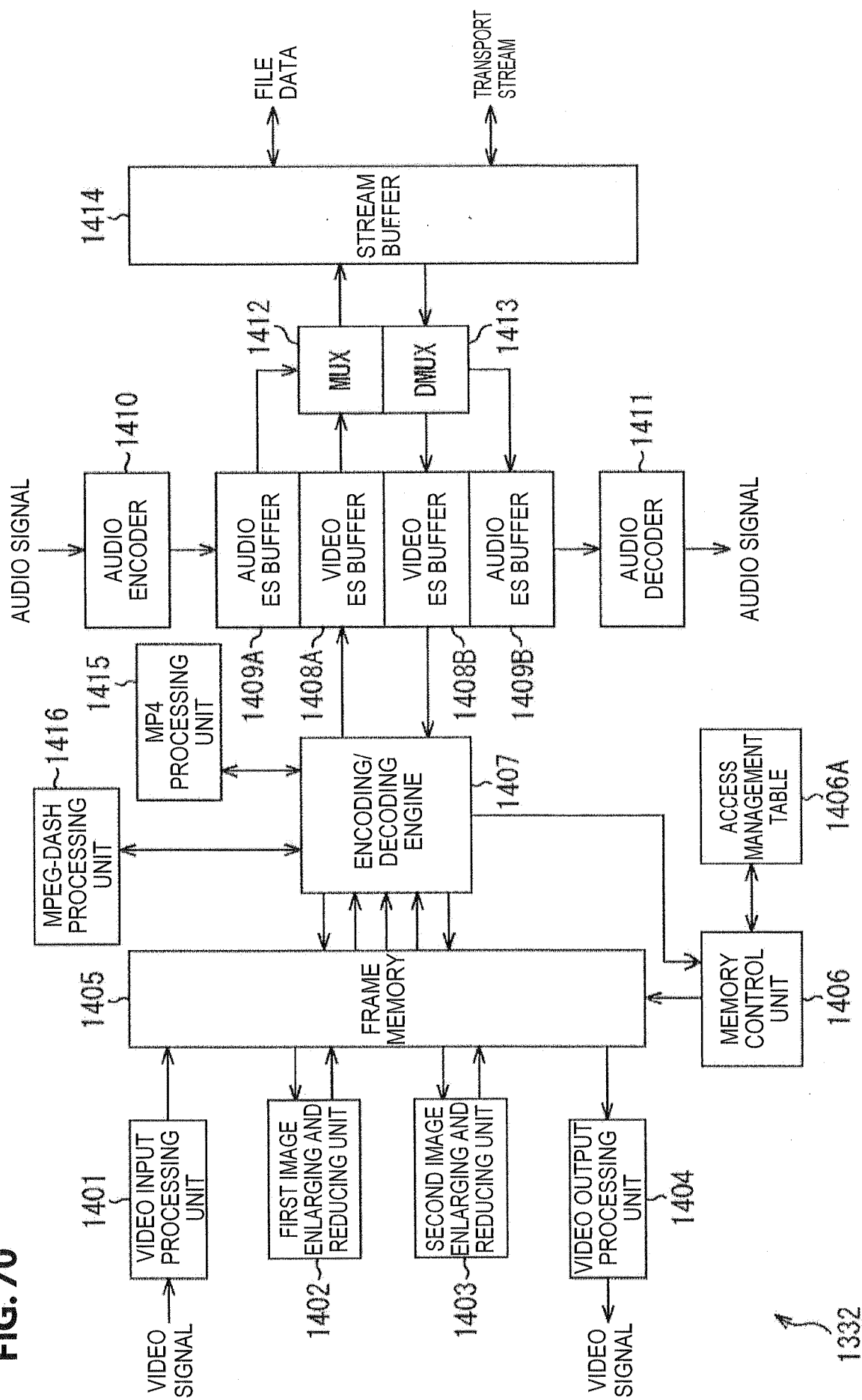


FIG. 71 1332