

[図1]
FIG. 1

方法1	所定条件を満たす場合、全ピクチャのピクチャタイプをIピクチャに限定する
方法1-1	復号対象ピクチャの全VCL NALユニットのNALユニットタイプを“IRAPを示す値”に限定する
方法1-2	イントラプロファイルである場合、全ピクチャのピクチャタイプをIピクチャに限定する
方法1-3	制御フラグが真である場合、全ピクチャのピクチャタイプをIピクチャに限定する

[図2]
FIG. 2

In bitstreams conforming to the Main 12 Intra, Main 12 4:4:4 Intra, or Main 16 4:4:4 Intra profiles, the values of nal_unit_type of VCL NAL units for the current picture shall be in the range of IDR_W_RADL to CRA_NUT, inclusive.

[図3]
FIG. 3

7.3.1.1 General NAL unit syntax

<code>nal_unit(NumBytesInNALUnit) {</code>	Descriptor
<code>nal_unit_header ()</code>	
<code>NumBytesInRbsp = 0</code>	
<code>for (i = 2; i < NumBytesInNALUnit; i++)</code>	
<code>if (i + 2 < NumBytesInNALUnit && next_bits(24) == 0x0000003) {</code>	
<code>rsp_byte[NumBytesInRbsp++]</code>	b(8)
<code>rsp_byte[NumBytesInRbsp++]</code>	b(8)
<code>i += 2</code>	
<code>emulation_prevention_three_byte /* equal to 0x03 */</code>	f(8)
<code>} else</code>	
<code>rsp_byte[NumBytesInRbsp++]</code>	b(8)
<code>}</code>	

7.3.1.2 NAL unit header syntax

<code>nal_unit_header () {</code>	Descriptor
<code>forbidden_zero_bit</code>	f(1)
<code>nuh_reserved_zero_bit</code>	u(1)
<code>nuh_layer_id</code>	u(6)
<code>nal_unit_type</code>	u(5)
<code>nuh_temporal_id_plus1</code>	u(3)
<code>}</code>	

[図4]
FIG. 4

A3.5 Format range extensions profiles

The following profiles, collectively referred to as the format range extensions profiles, are specified in this subclause:

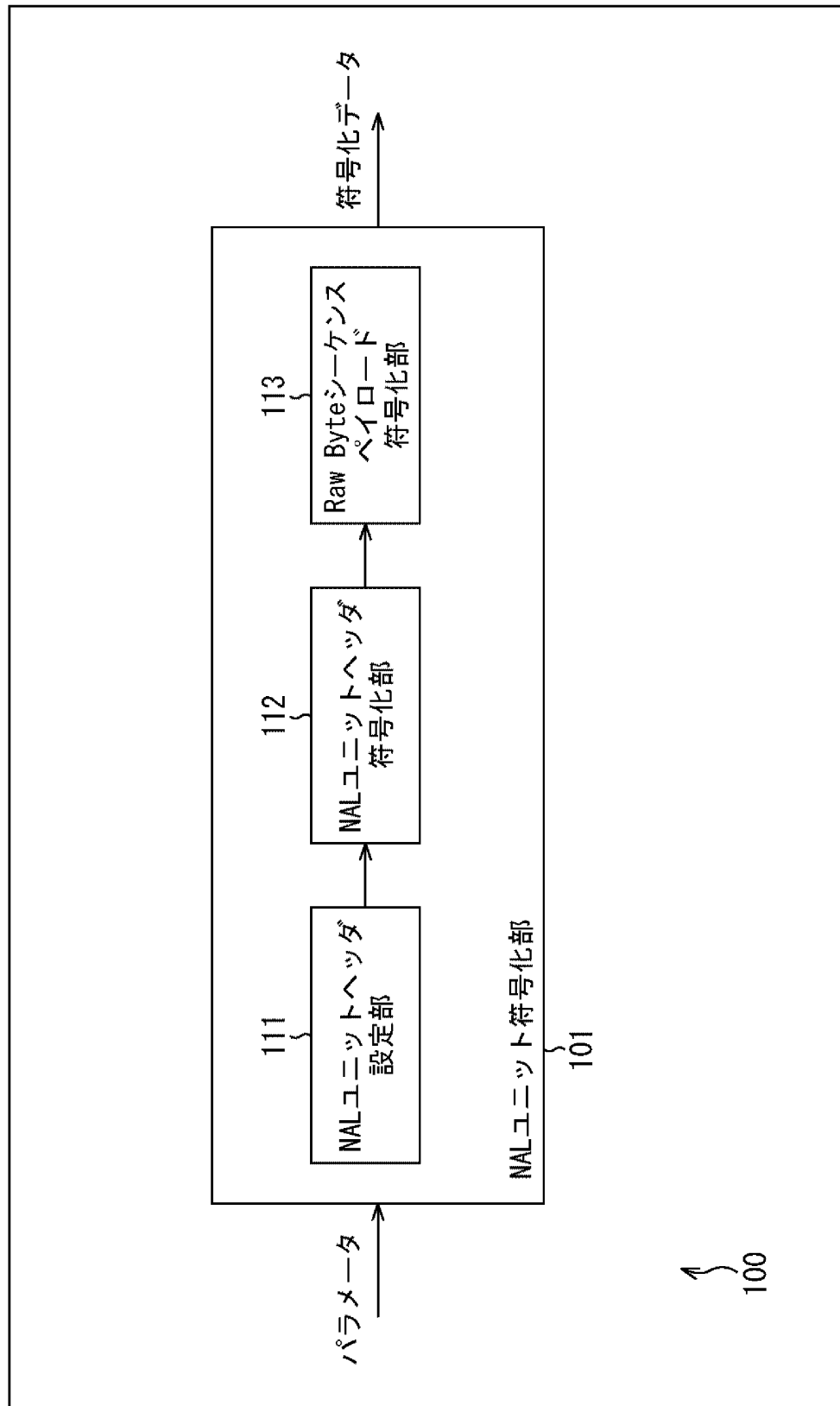
- The Main 12, Main 12 4:4:4 and Main 16 4:4:4 profiles
- The Main 12 Intra, Main 12 4:4:4 Intra and Main 16 4:4:4 Intra profiles
- The Main 12 Still Picture, Main 12 4:4:4 Still Picture and Main 16 4:4:4 Still Picture profiles

Bitstreams conforming to the format range extensions profiles shall obey the following constraints:

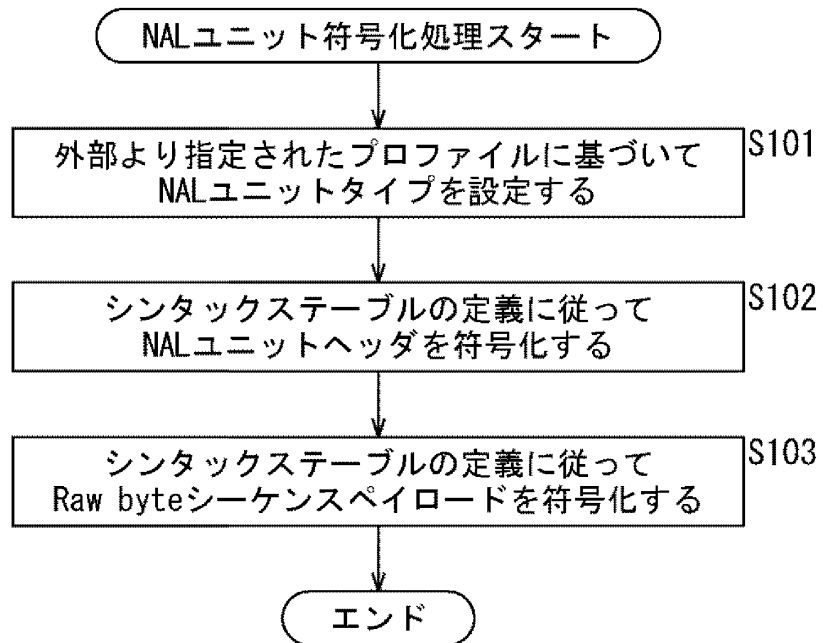
- Referenced SPSs shall have `ptl_multilayer_enabled_flag` equal to 0.
- In bitstreams conforming to the Main 12 Still Picture, Main 12 4:4:4 Still Picture and Main 16 4:4:4 Still Picture profiles, the bitstream shall contain only one picture.
- In bitstreams conforming to the Main 12, Main 12 4:4:4, Main 16 4:4:4, Main 12 Intra, Main 12 4:4:4 Intra, or Main 16 4:4:4 Intra profiles, `general_level_idc` for all values of `i` in active SPSs shall not be equal to 255 (which indicates level 15.5).
- The tier and level constraints specified for the Main 12, Main 12 4:4:4, Main 16 4:4:4, Main 12 Intra, Main 12 4:4:4 Intra or Main 16 4:4:4 Intra profiles in subclause A.4, as applicable, shall be fulfilled.

- In bitstreams conforming to the Main 12 Intra, Main 12 4:4:4 Intra, or Main 16 4:4:4 Intra profiles, the values of `nal_unit_type` of VCL NAL units for the current picture shall be in the range of `IDR_W_RADL` to `CRA_NUT`, inclusive.

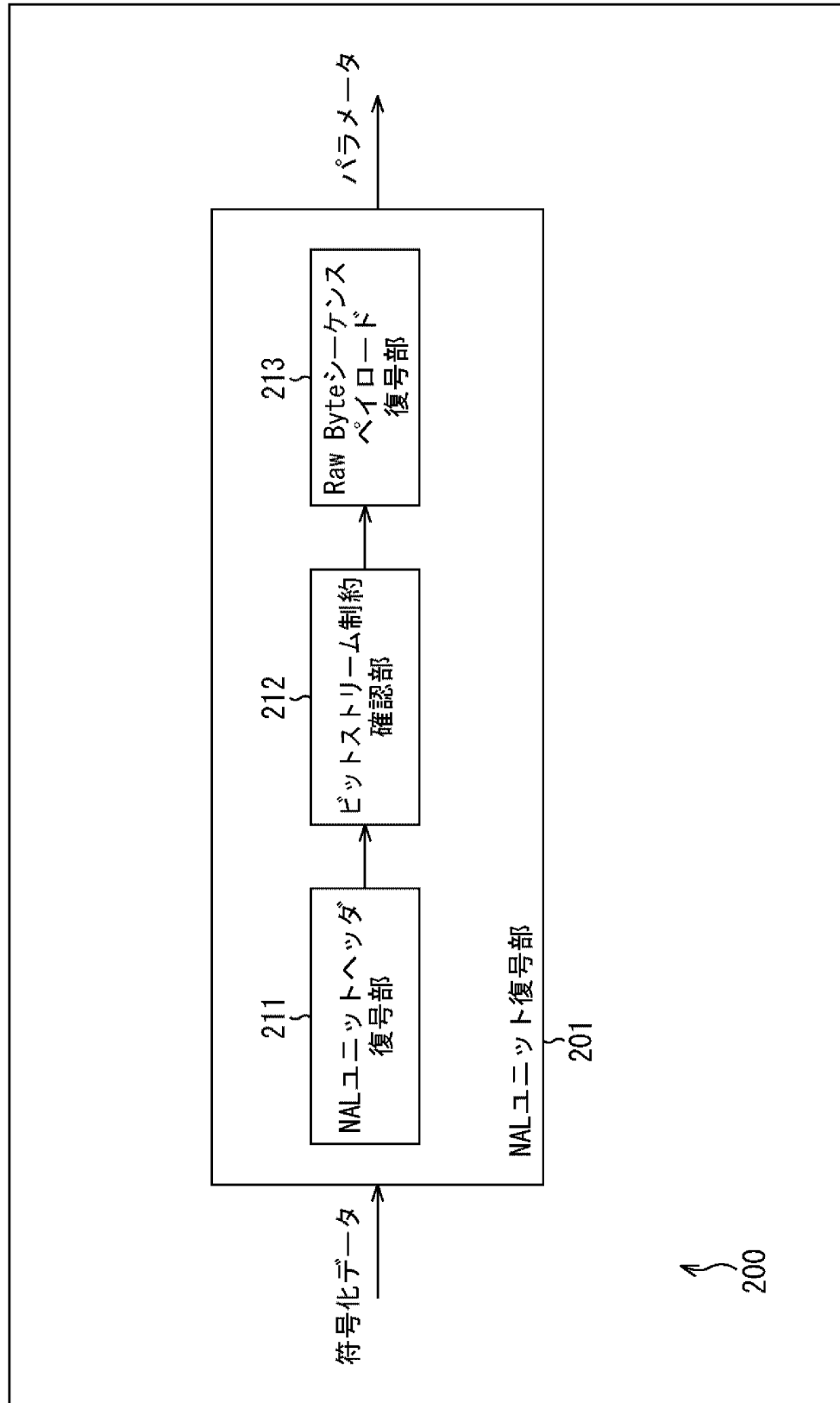
【図5】
FIG. 5



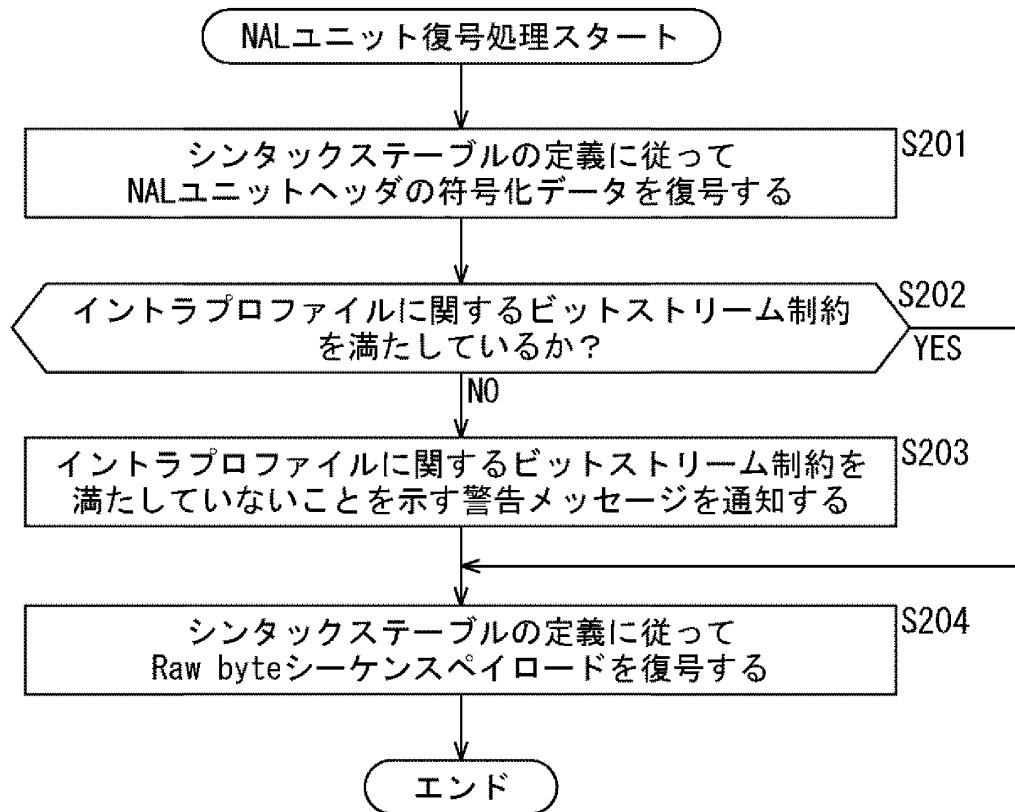
【図6】
FIG. 6



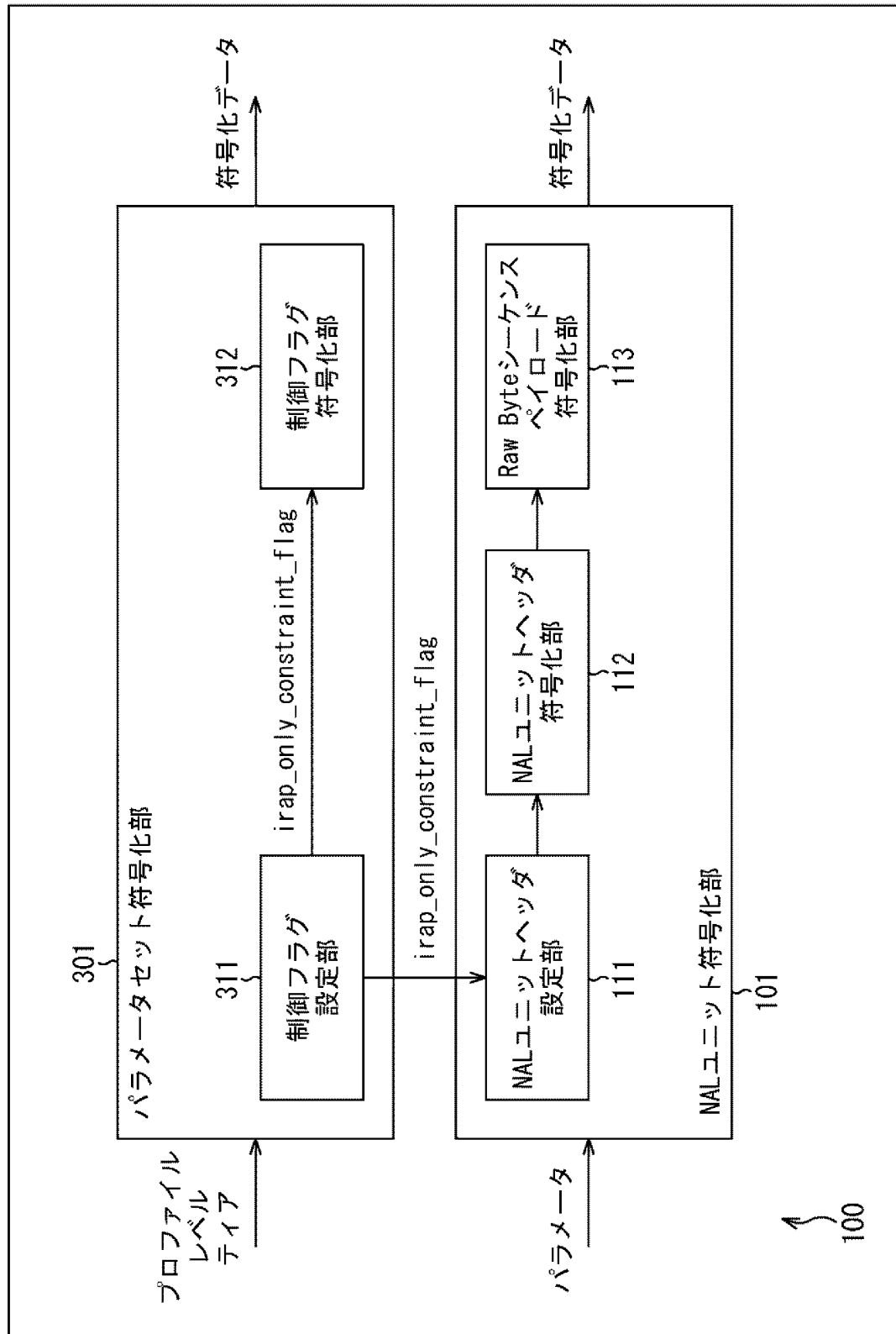
【図7】
FIG. 7



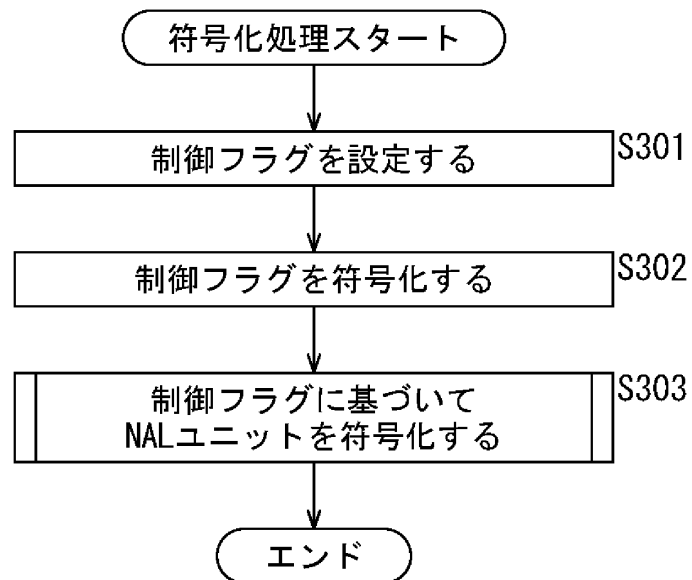
【図8】
FIG. 8



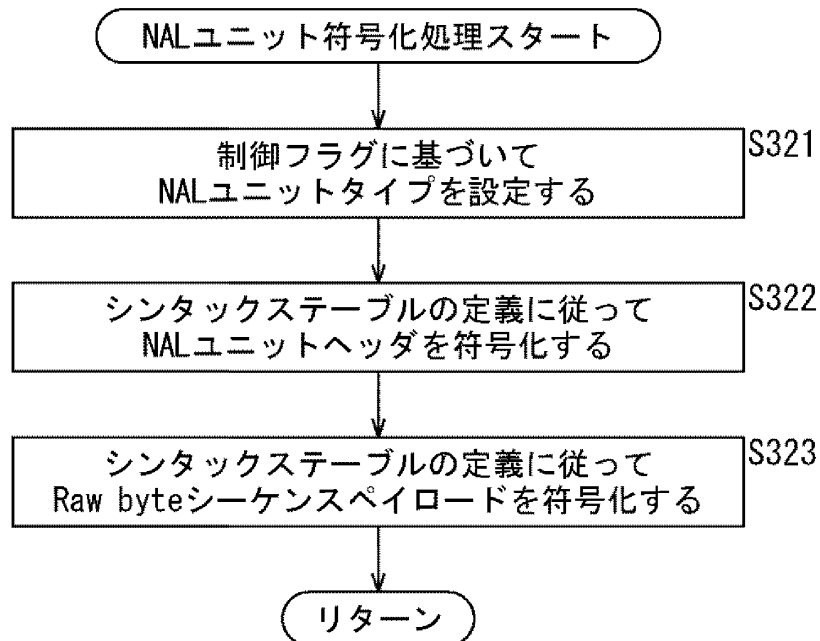
【図9】
FIG. 9



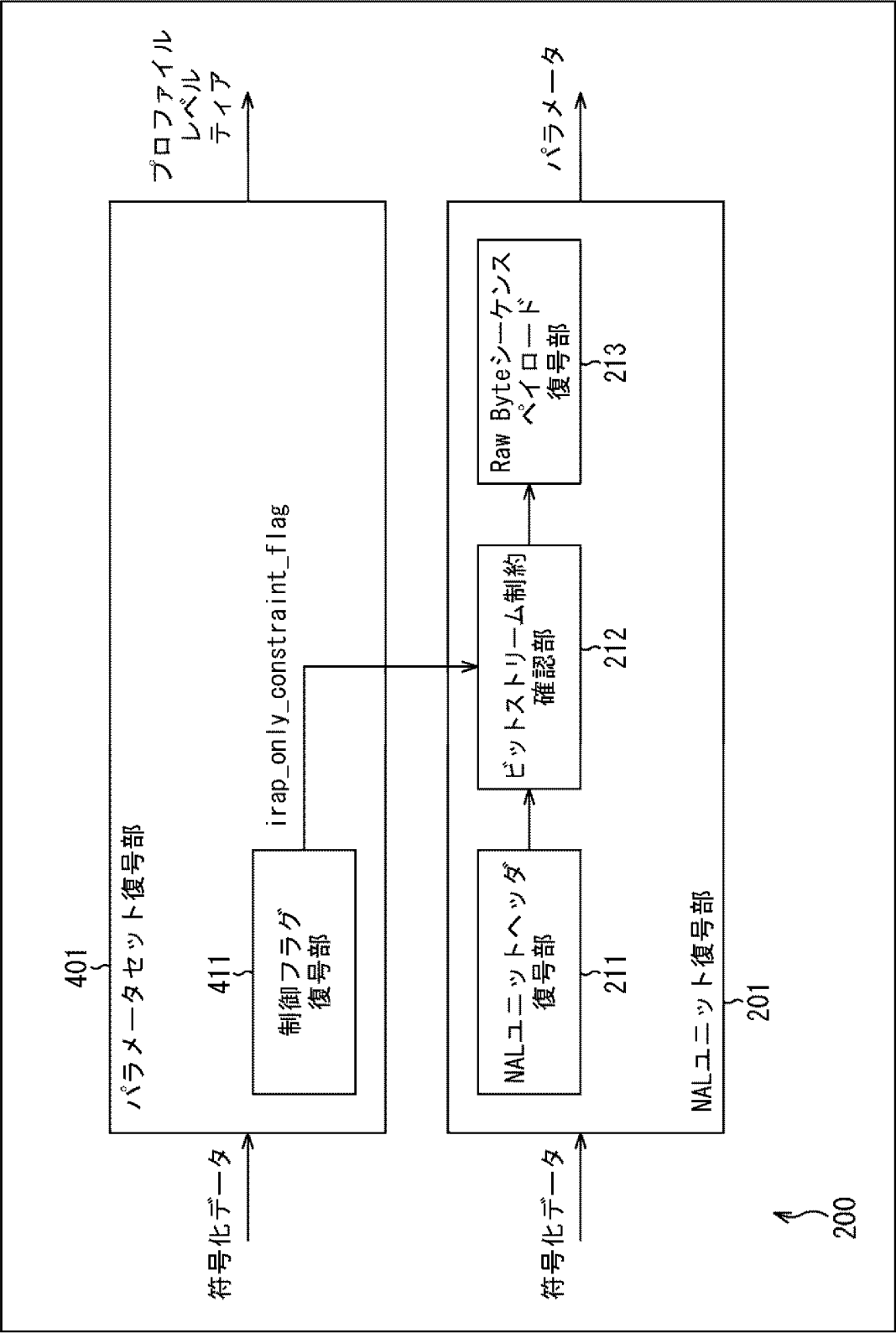
【図10】
FIG. 10



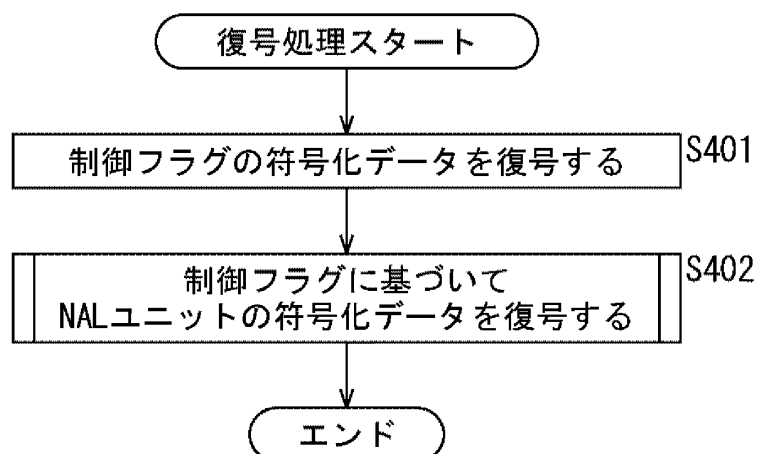
【図11】
FIG. 11



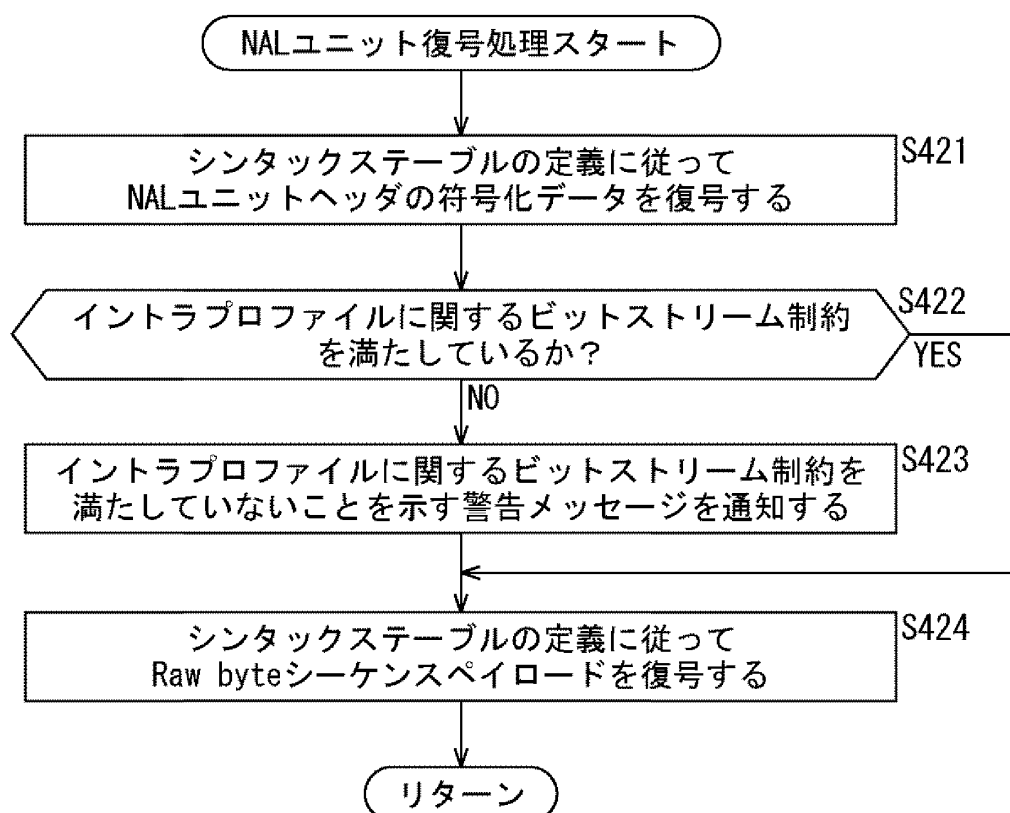
[図12]
FIG. 12



【図13】
FIG. 13



【図14】
FIG. 14



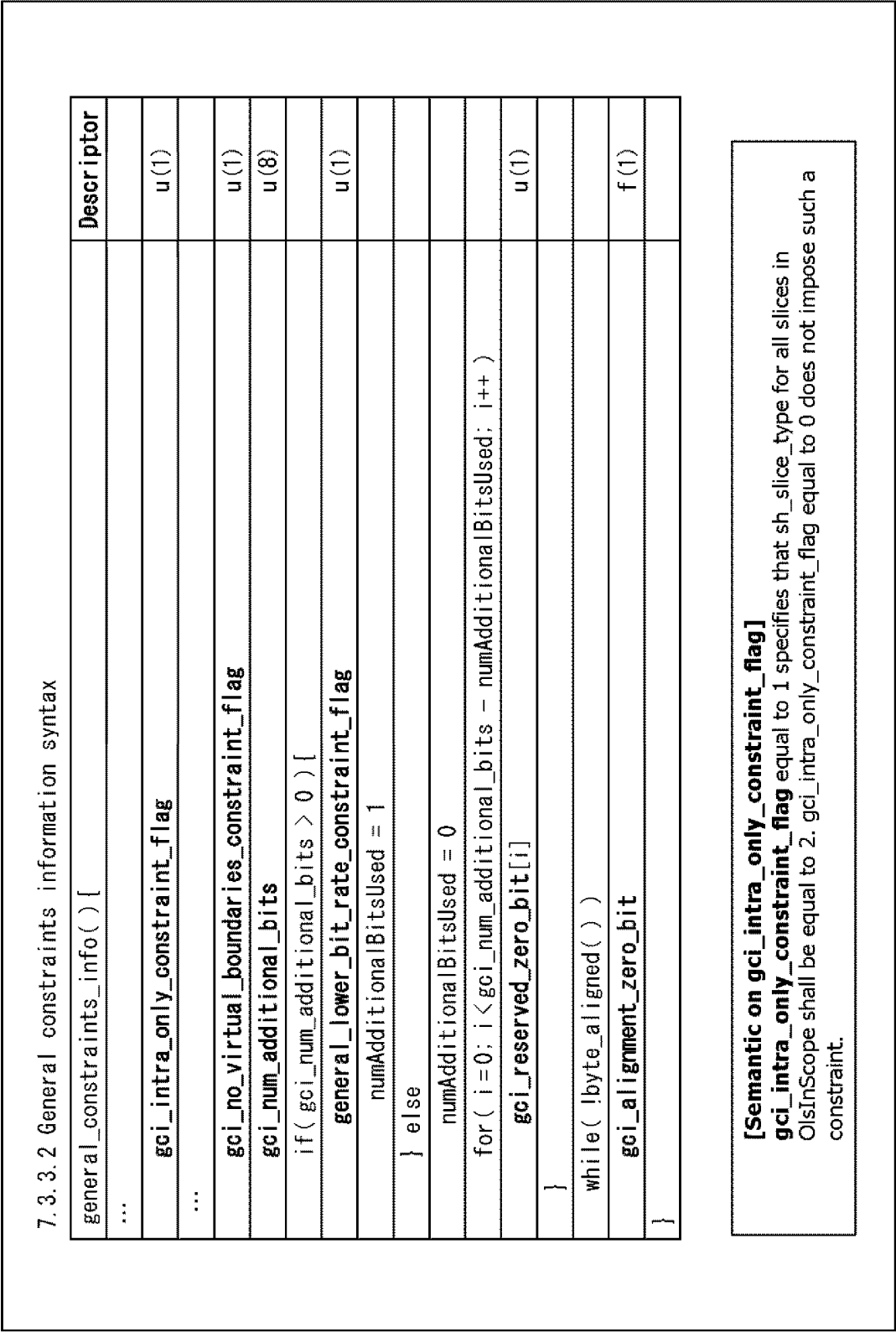
[図15]
FIG. 15

方法2	イントラプロファイルの場合、イントラonly制約フラグを真に限定する	
方法2-1	プロファイルがMain 12 Intra profile, Main 12 4:4:4 Intra profile, Main 16 4:4:4 Intra profileのいずれかである場合、イントラonly制約フラグを真に限定する	
方法2-1-1	プロファイル識別子が10, 42, 44のいずれかである場合、イントラonly制約フラグを真に限定する	
方法2-2	ステイルピクチャプロファイルの場合もイントラonly制約フラグを真に限定する	

[図16]
FIG. 16

In bitstreams conforming to the Main 12 Intra, Main 12 4:4:4 Intra, or Main 16 4:4:4 Intra profiles, `gci_intra_only_constraint_flag` for all values of `i` in active SPSs shall be equal to 1.

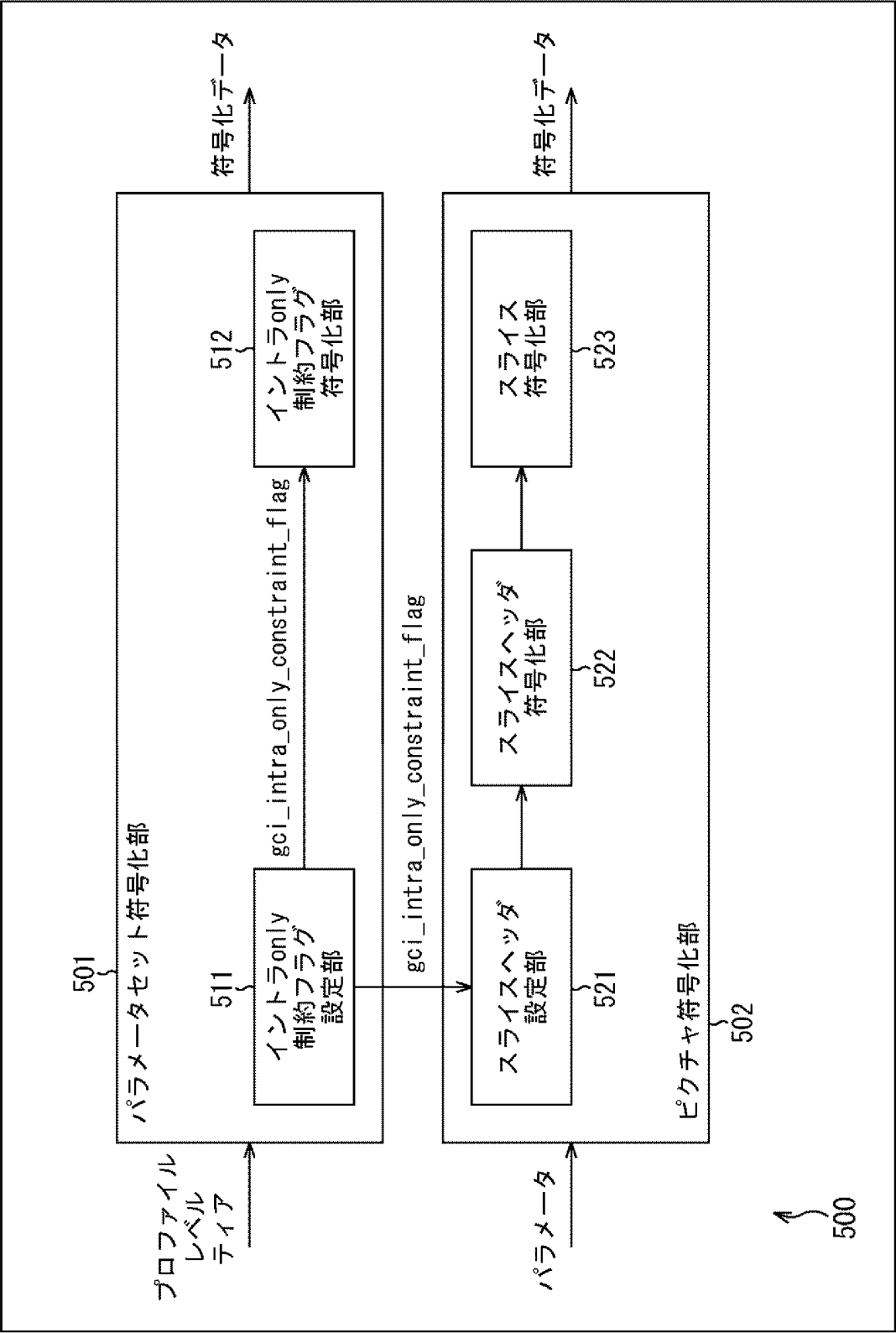
[図17]
FIG. 17



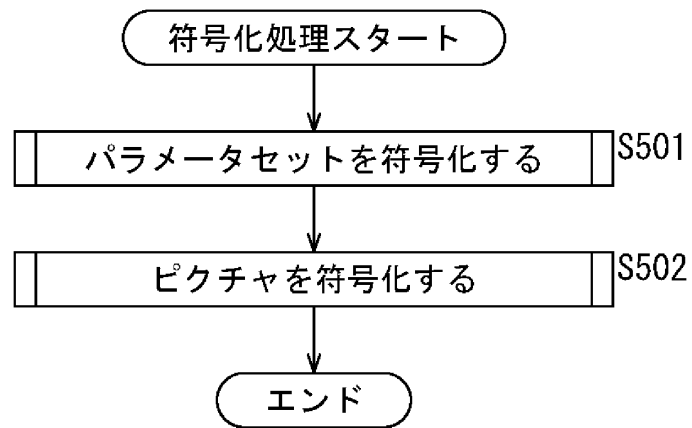
[圖18]
FIG. 18

A3.5 Format range extensions profiles The following profiles, collectively referred to as the format range extensions profiles, are specified in this subclause: • The Main 12, Main 12 4:4:4 and Main 16 4:4:4 profiles • The Main 12 Intra, Main 12 4:4:4 Intra and Main 16 4:4:4 Intra profiles • The Main 12 Still Picture, Main 12 4:4:4 Still Picture and Main 16 4:4:4 Still Picture profiles Bitstreams conforming to the format range extensions profiles shall obey the following constraints: • Referenced SPSs shall have <code>ptl_multilayer_enabled_flag</code> equal to 0. • In bitstreams conforming to the Main 12 Still Picture, Main 12 4:4:4 Still Picture and Main 16 4:4:4 Still Picture profiles, the bitstream shall contain only one picture. • In bitstreams conforming to the Main 12, Main 12 4:4:4, Main 16 4:4:4, Main 12 Intra, Main 12 4:4:4 Intra, or Main 16 4:4:4 Intra profiles, <code>general_level_idc</code> for all values of <code>i</code> in active SPSs shall not be equal to 255 (which indicates level 15.5). • The tier and level constraints specified for the Main 12, Main 12 4:4:4, Main 16 4:4:4, Main 12 Intra, Main 12 4:4:4 Intra or Main 16 4:4:4 Intra profiles in subclause A.4, as applicable, shall be fulfilled. Or • In bitstreams conforming to the Main 12 Intra, Main 12 4:4:4 Intra, or Main 16 4:4:4 Intra profiles, <code>gci_intra_only_constraint_flag</code> for all values of <code>i</code> in active SPSs shall be equal to 1. In bitstreams conforming to the Main 12 Intra, Main 12 4:4:4 Intra, or Main 16 4:4:4 Intra profiles, <code>sh_slice_type</code> for all slices in <code>OlisInScope</code> shall be equal to 2.

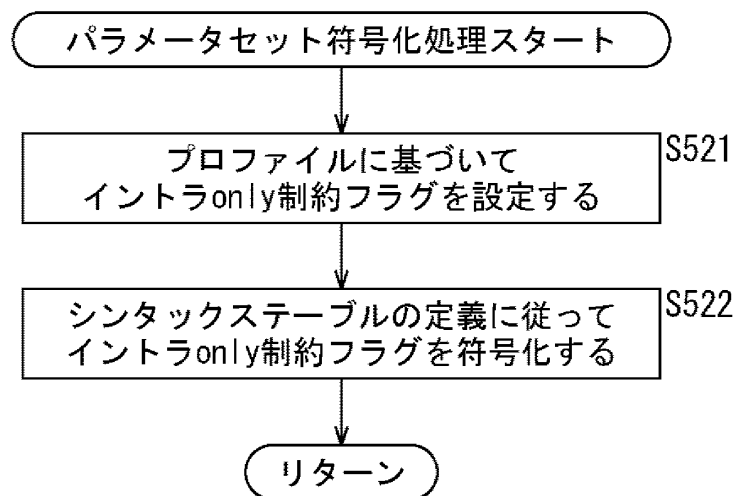
[図19]
FIG. 19



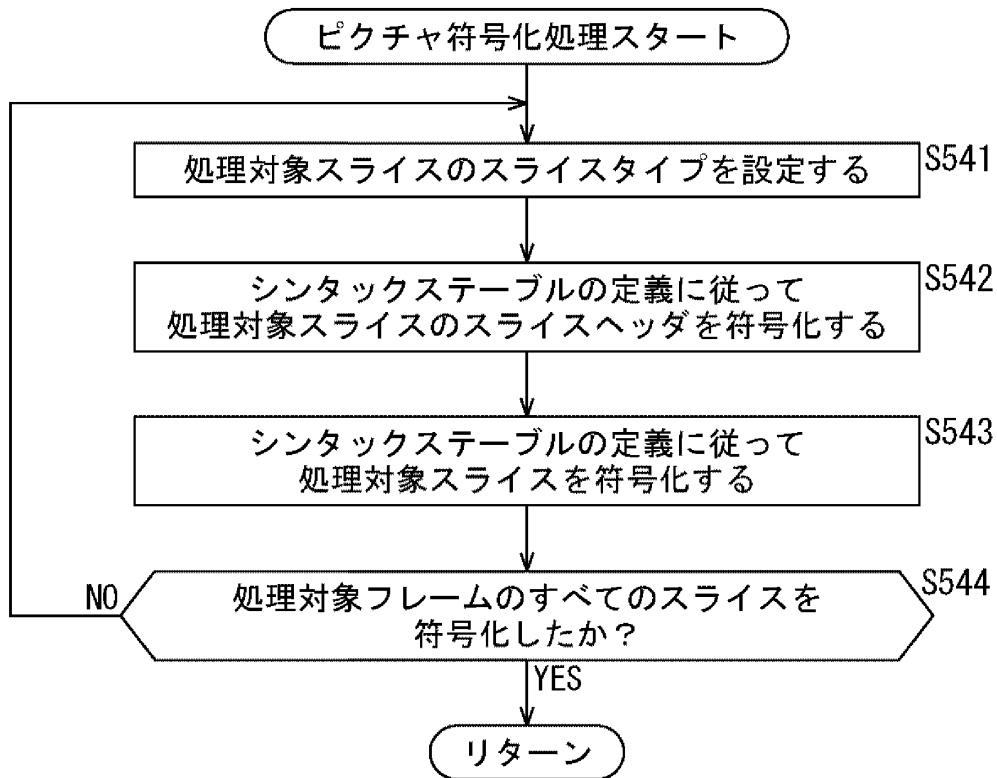
【図20】
FIG. 20



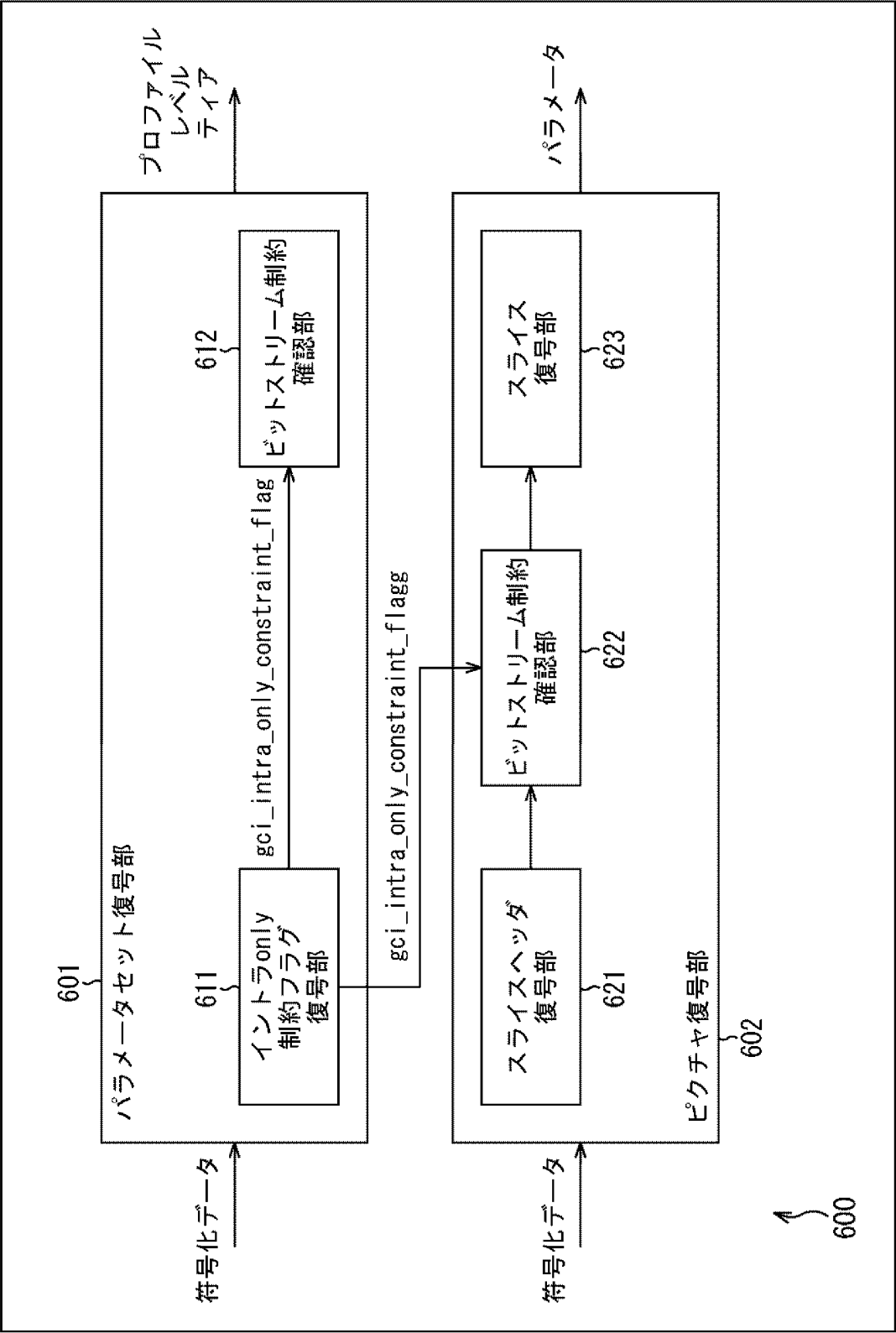
【図21】
FIG. 21



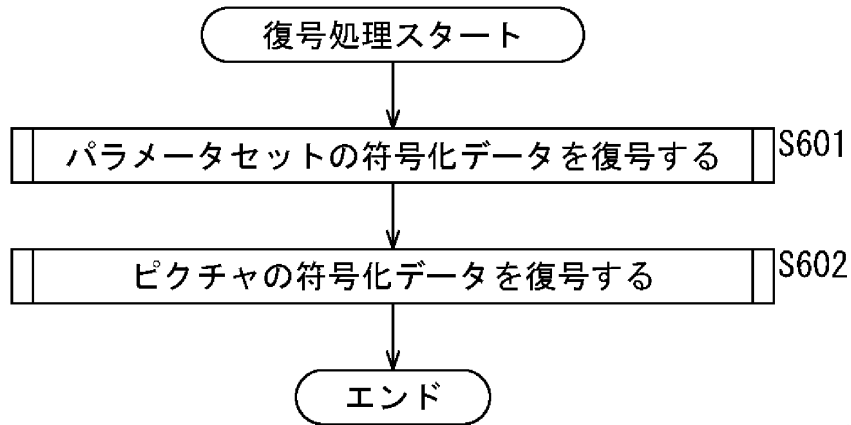
【図22】
FIG. 22



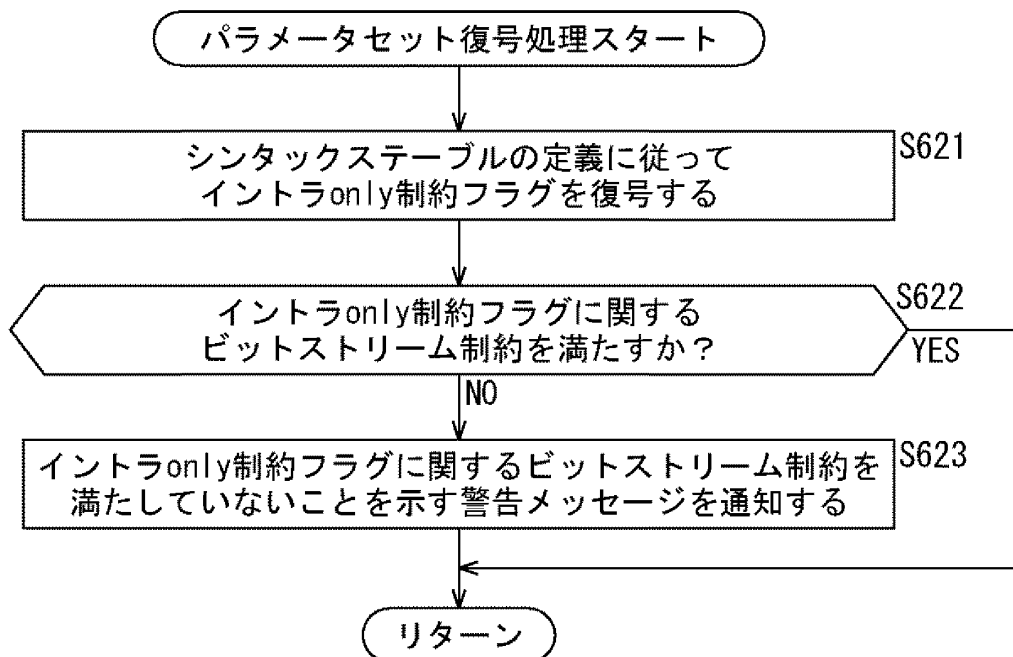
[図23]
FIG. 23



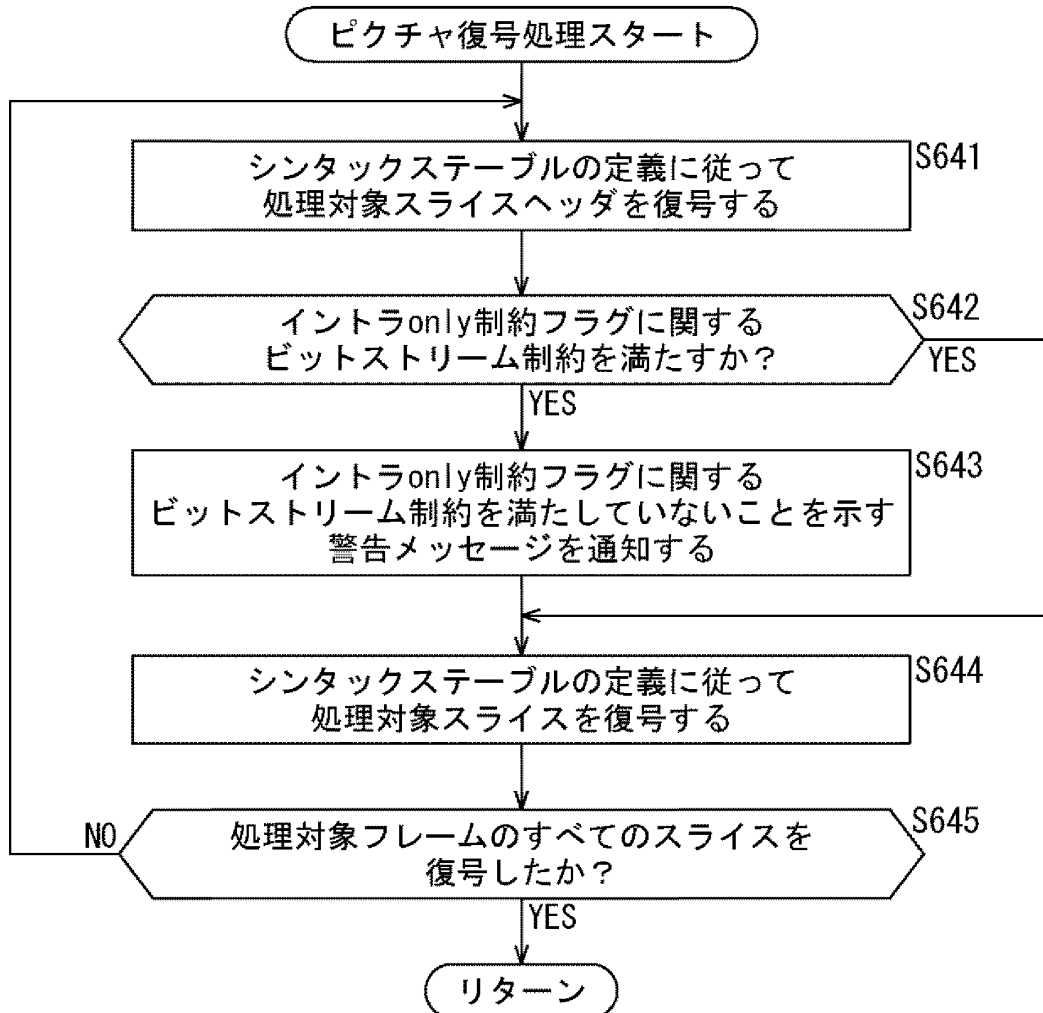
【図24】
FIG. 24



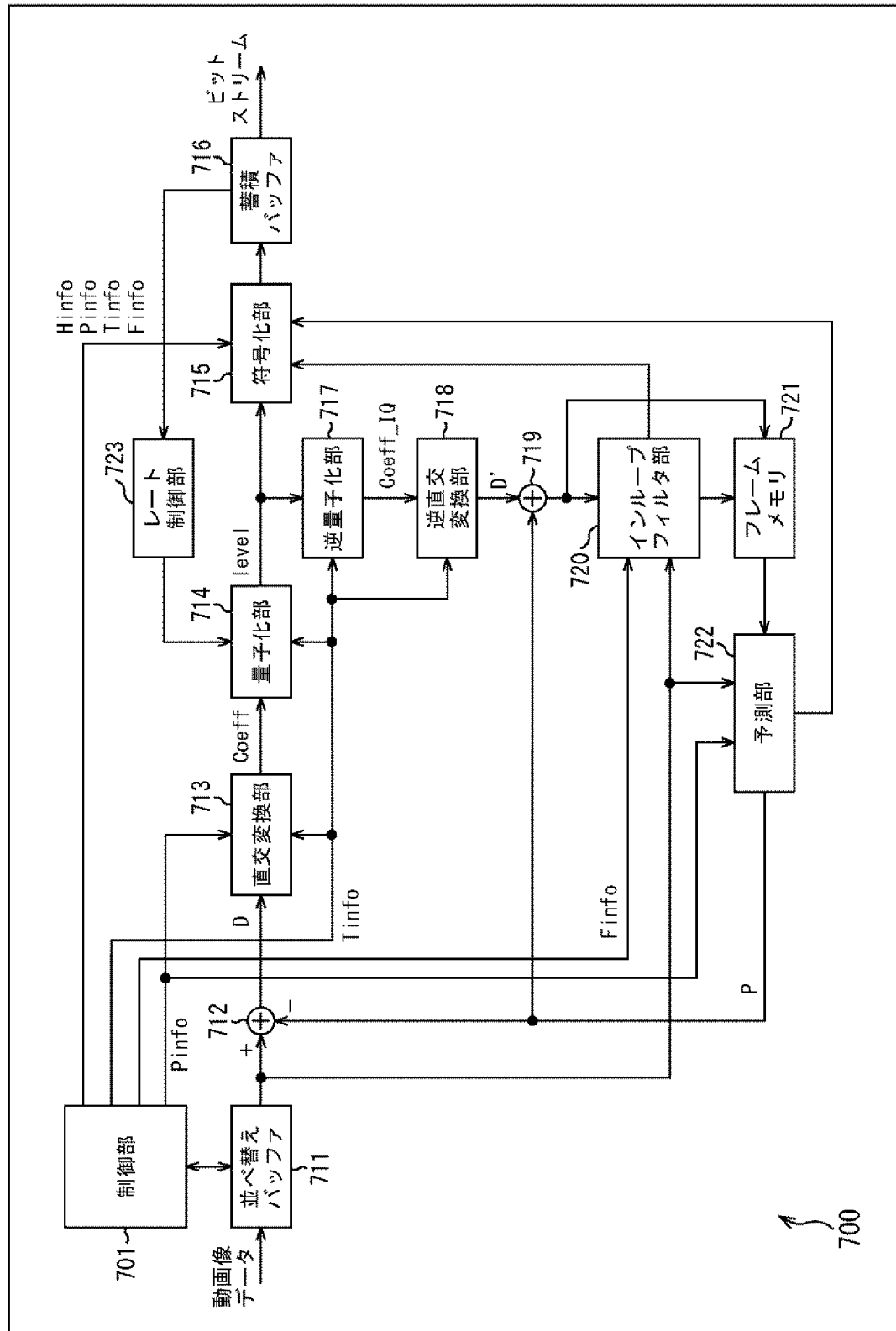
【図25】
FIG. 25



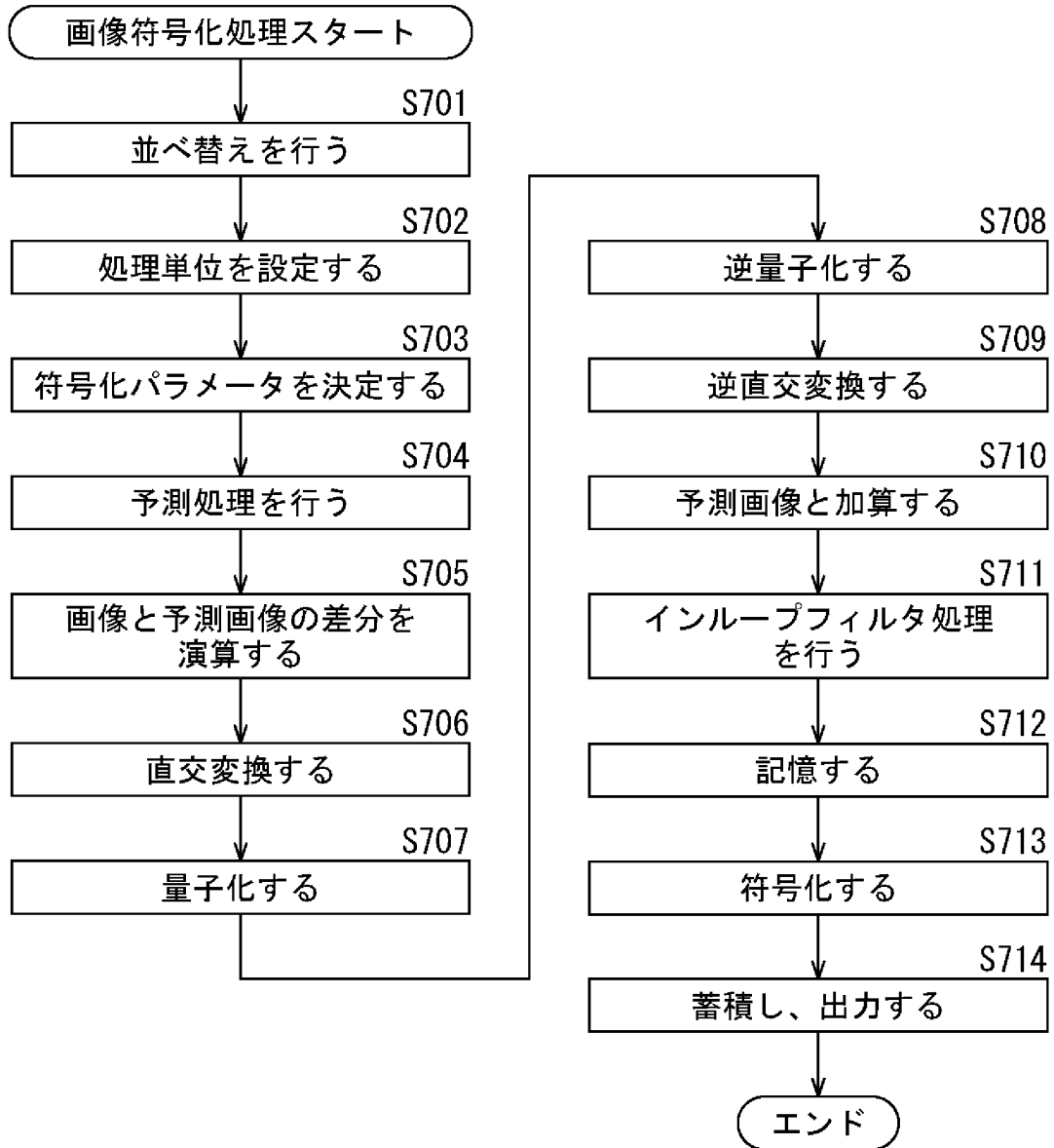
【図26】
FIG. 26



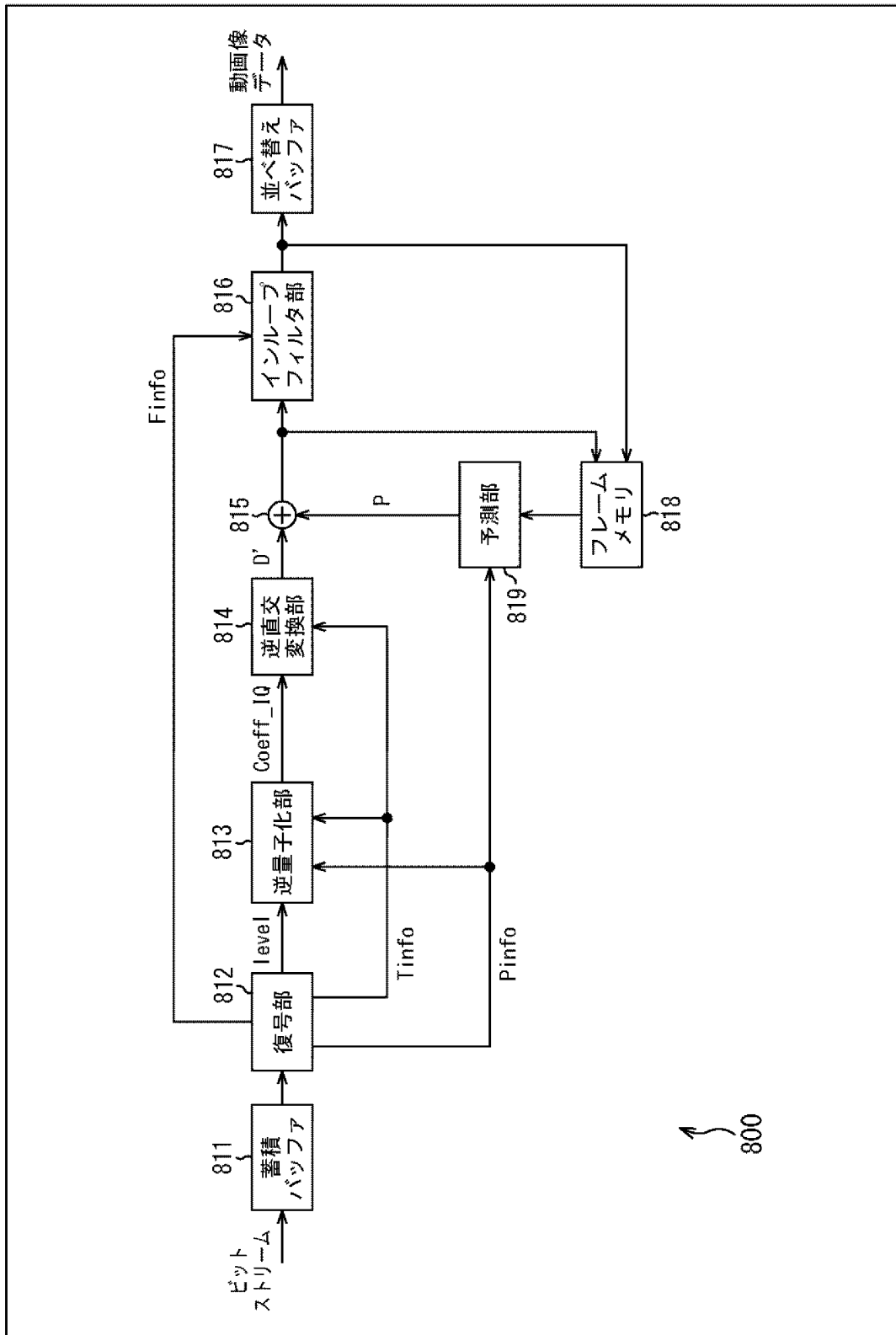
【図27】
FIG. 27



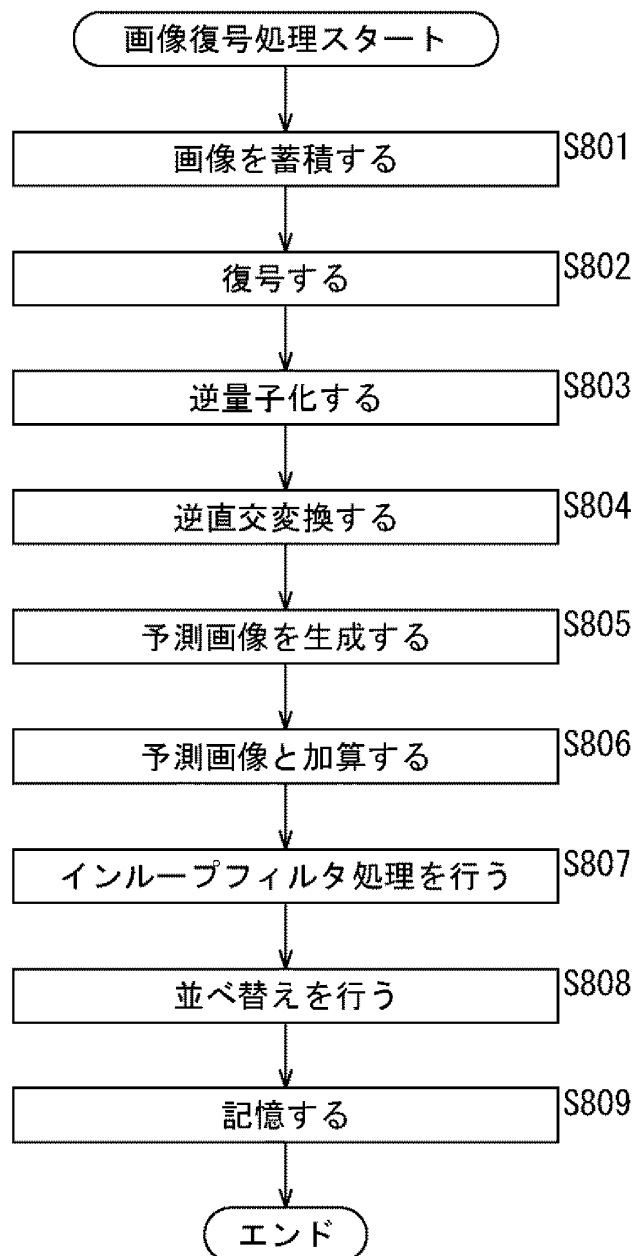
[図28]
FIG. 28



[図29]
FIG. 29



〔図30〕
FIG. 30



【図31】
FIG. 31

