

is greater than the number of the candidates, is extracted from the received bitstream. Then, the bitstream is decoded, and the image is generated, using the extracted information relating to the correspondence relationship between the resolution information and the enhancement layer.

[0032]

Moreover, the image coding apparatus and the image decoding apparatus, which are described above, may be an independent image processing apparatus, and may be an internal block that makes up one image coding apparatus or image decoding apparatus.

Advantageous Effects of Invention

[0033]

According to ~~a further~~ embodiments of the present disclosure, the image can be coded. Particularly, the default mapping between the enhancement layer and the resolution information is improved.

[0034]

According to ~~an~~ embodiments of the present disclosure, the image can be decoded. Particularly, the default mapping between the enhancement layer and the resolution information is improved.

[0035]

Moreover, these effects are not necessarily limited, and any effects that are described in the present disclosure may be possible.

Brief Description of Drawings

[0036]

[Fig. 1]

Fig. 1 is a diagram for describing a configuration example of a coding unit.

[Fig. 2]

Fig. 2 is a diagram illustrating an example of syntax of VPS_EXT.

[Fig. 3]

Fig. 3 is a diagram illustrating an example of syntax of an SPS associated with an RBSP.

[Fig. 4]

Fig. 4 is a diagram illustrating an example of semantics.

[Fig. 5]

Fig. 5 is a diagram for describing pointing in a case of the syntax in Fig. 2.

[Fig. 6]

Fig. 6 is a diagram for describing the pointing in the case of the syntax in Fig. 2.

| [~~f~~Fig. 7]

Fig. 7 is a diagram for describing the pointing in the case of the syntax in Fig. 2.

| [~~f~~Fig. 8]

Fig. 8 is a diagram for describing the pointing in a case of the syntax according to the present technology.

| [~~f~~Fig. 9]

Fig. 9 is a diagram for describing the pointing in the case of the syntax according to the present technology.

| [~~f~~Fig. 10]

Fig. 10 is a diagram for describing the pointing in the case of the syntax according to the present technology.

| [~~f~~Fig. 11]

Fig. 11 is a diagram for describing pointing in the case of the syntax according to the present technology.

| [~~f~~Fig. 12]

Fig. 12 is a diagram illustrating an example of the syntax according to the present technology.

| [~~f~~Fig. 13]

Fig. 13 is a diagram illustrating an example of the syntax according to the