SINGAPORE

PATENTS ACT 1994

(ACT 21 OF 1994)

THE PATENTS RULES 1995

VERIFICATION OF TRANSLATION

I, Masahiko Minamimoto of c/o HONYAKU CENTER INC., Mita MT Bldg.7F, 3-13-12 Mita, Minato-ku, Tokyo 108-0073, Japan,hereby declare as follows:

1. I am a translator of amendments under Article 19 of International Application No.PCT/JP2013/067111 filed on June 21, 2013 and am familiar with both English and Japanese languages.
2. I am a translator of the documents attached hereto and certify that the following is a true translation to the best of my knowledge and belief.

Date this 27th day of November, 2014

Signature: M. Minamimoto

Masahiko Minamimoto

CLAIMS

1.(Amended) A decoding device comprising:

a reception unit that receives reference information representing whether reference image specifying information specifying a reference image, which is used for generating a predicted image, of a prior image that is an image prior to a current coding image in coding order that is transmitted only in a case where the current coding image is an image other than a first image of a GOP (Group of Picture) is used as the reference image specifying information of the current coding image;

a reference image setting unit that generates the reference image specifying information of a current decoding image based on the reference information in a case where the reference information is received by the reception unit and generates the reference image specifying information of the current decoding image based on reference information representing that the reference image specifying information of the prior image is not used as the reference image specifying information of the current coding image in a case where the reference information is not received by the reception unit; and

a predicted image generation unit that generates a predicted image by using the reference image that is specified by the reference image specifying information generated by the reference image setting unit.

2. The decoding device according to claim 1,

wherein the reception unit receives prior image specifying information specifying the prior image in a case

where the reference information represents that the reference image specifying information of the prior image is used as the reference image specifying information of the current coding image, and

the reference image setting unit generates the reference image specifying information of the prior image that is specified by the prior image specifying information received by the reception unit as the reference image specifying information of the current decoding image.

3. The decoding device according to claim 2,

wherein the reception unit receives the reference image specifying information of the current coding image in a case where the reference information represents that the reference image specifying information of the prior image is not used as the reference image specifying information of the current coding image, and

the reference image setting unit generates the reference image specifying information received by the reception unit as the reference image specifying information of the current decoding image.

4. The decoding device according to claim 3,

wherein the reception unit receives a plurality of pieces of reference image information including the reference information and the prior image specifying information or the reference image specifying information and receives reference image information specifying information that specifies the reference image information of the current coding image, among the plurality of pieces of reference image information, that is transmitted in a case where the current coding image is

an image other than the first image of the GOP (Group of Picture), and

the reference image setting unit generates the reference image specifying information of the current decoding image based on the reference information included in the reference image information that is specified by the reference image specifying information received by the reception unit.

5. The decoding device according to claim 4,

wherein the reception unit receives reference image information for the first image that includes the reference image specifying information as the reference image information and receives the reference image information specifying information specifying the reference image information for the first image that is transmitted in a case where the current coding image is the first image of the GOP (Group of Picture), and

the reference image setting unit generates the reference image specifying information of the current decoding image based on the reference image specifying information included in the reference image information for the first image that is specified by the reference image information specifying information received by the reception unit.

6.(Amended)A decoding method, the decoding method comprising, by a decoding device:

a receiving step of receiving reference information representing whether reference image specifying information specifying a reference image, which is used for generating a predicted image, of a prior image that is an image prior to a current coding image in coding order that is transmitted

only in a case where the current coding image is an image other than a first image of a GOP (Group of Picture) is used as the reference image specifying information of the current coding image;

a reference image setting step of generating the reference image specifying information of a current decoding image based on the reference information in a case where the reference information is received in the process of the receiving step and generating the reference image specifying information of the current decoding image based on reference information representing that the reference image specifying information of the prior image is not used as the reference image specifying information of the current coding image in a case where the reference information is not received in the process of the receiving step; and

a predicted image generating step of generating a predicted image by using the reference image that is specified by the reference image specifying information generated in the process of the reference image setting step.