



US 20050281337A1

(19) **United States**

(12) **Patent Application Publication**
Kobayashi et al.

(10) **Pub. No.: US 2005/0281337 A1**

(43) **Pub. Date: Dec. 22, 2005**

(54) **MOVING IMAGE CODING APPARATUS**

Publication Classification

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(51) **Int. Cl.**⁷ **H04B 1/66**; H04N 11/02;
H04N 11/04; H04N 7/12

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(52) **U.S. Cl.** **375/240.18**; 375/240.24

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(57) **ABSTRACT**

(21) Appl. No.: **11/152,609**

An image coding apparatus determines an image pattern of image data and, based on the determined image pattern, selects a prediction mode for generating predicted pixel values by predicting pixel values in a frame using pixel values in the same frame. Alternatively, based on photographing information concerning input image data, an image coding apparatus selects a prediction mode for generating predicted pixel values by predicting pixel values in a frame using pixel values in the same frame.

(22) Filed: **Jun. 14, 2005**

(30) **Foreign Application Priority Data**

Jun. 17, 2004 (JP) 2004-179933
Feb. 2, 2005 (JP) 2005-026530

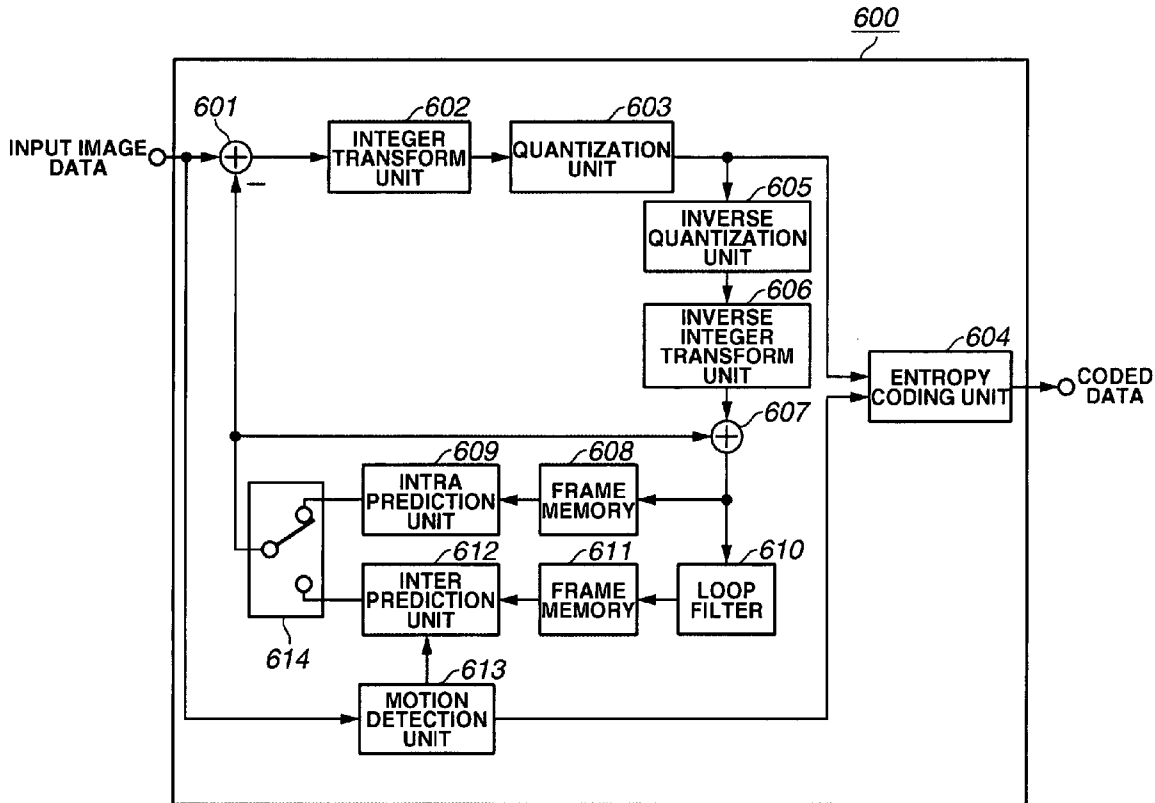


FIG. 1

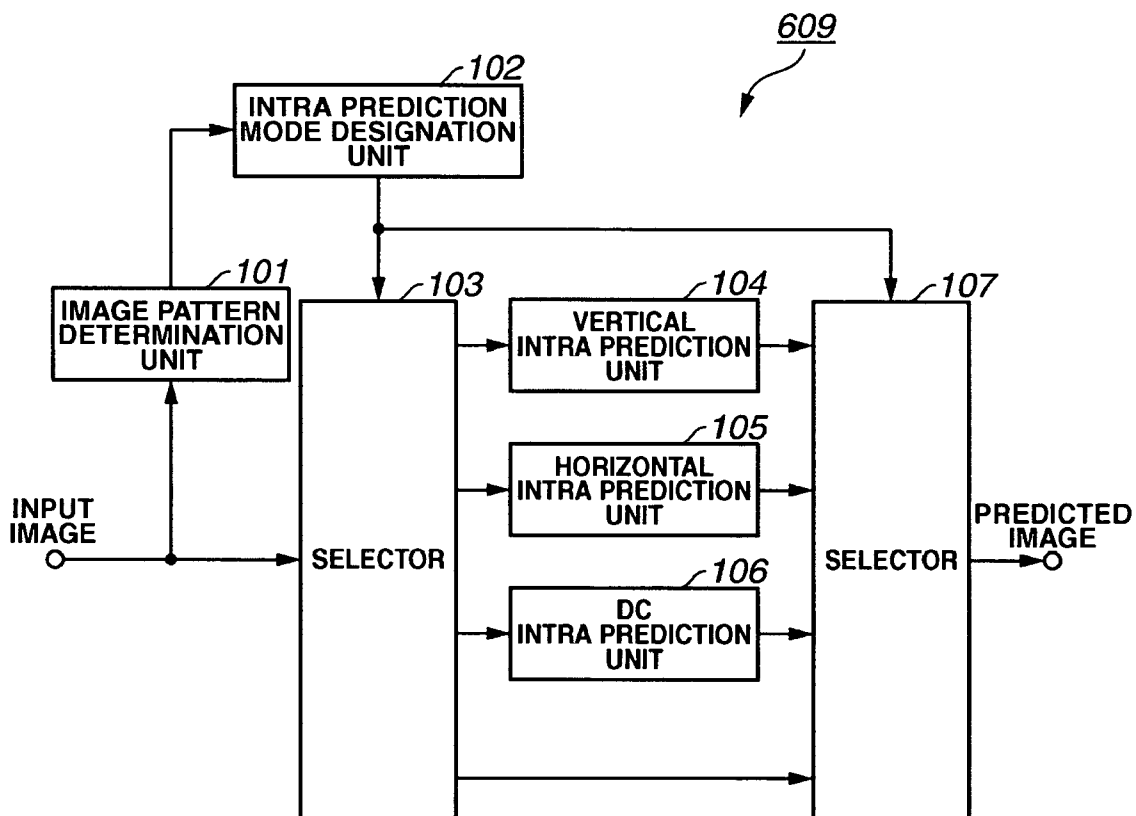


FIG.2

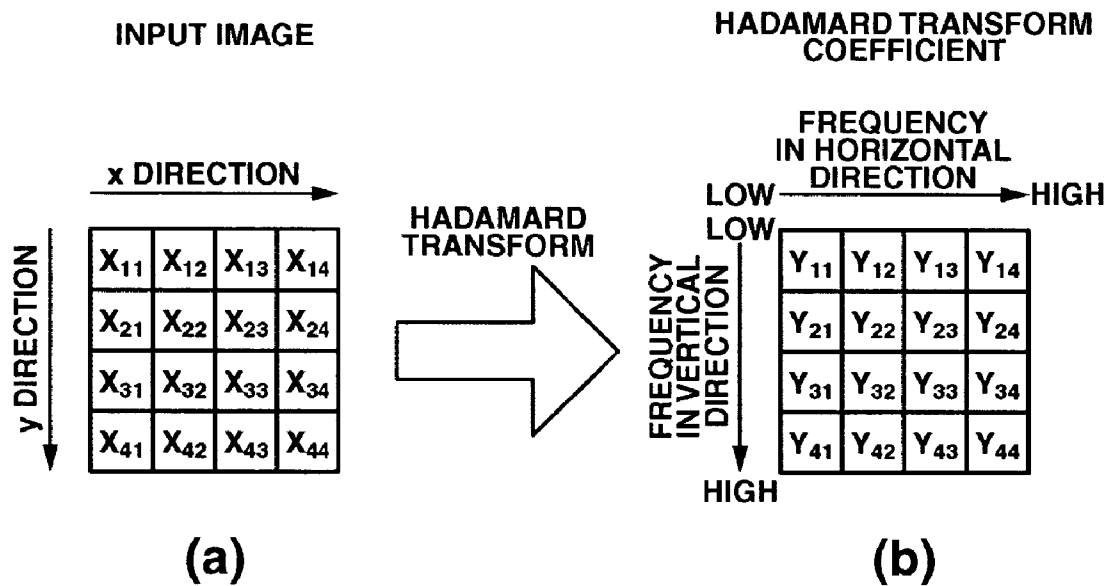


FIG.4A

M	A	B	C	D	E	F	G	H
I	a	b	c	d				
J	e	f	g	h				
K	i	j	k	l				
L	m	n	o	p				

VERTICAL

FIG.4B

M	A	B	C	D	E	F	G	H
I	a	b	c	d				
J	e	f	g	h				
K	i	j	k	l				
L	m	n	o	p				

HORIZONTAL

FIG.4C

M	A	B	C	D	E	F	G	H
I	a	b	c	d				
J	e	f	g	h				
K	i	j	k	l				
L	m	n	o	p				

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