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(54) **MOVING IMAGE CODING APPARATUS**

Publication Classification

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

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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.

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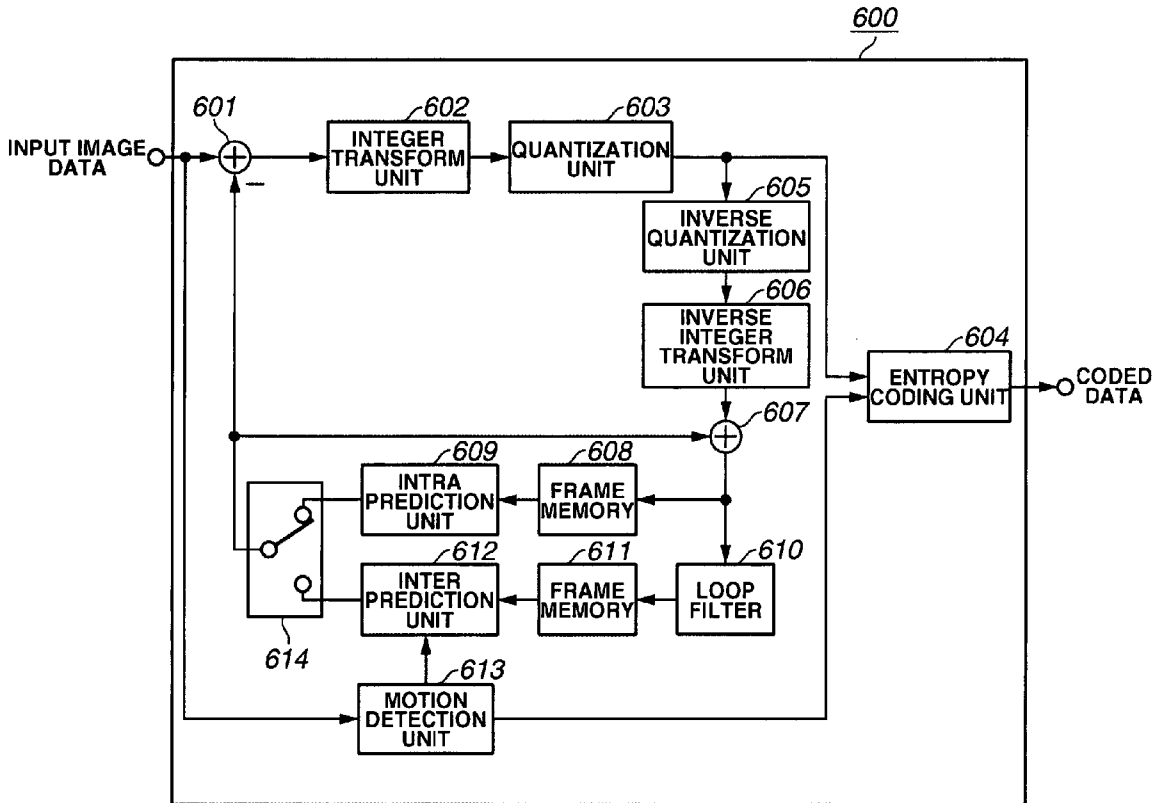


FIG. 1

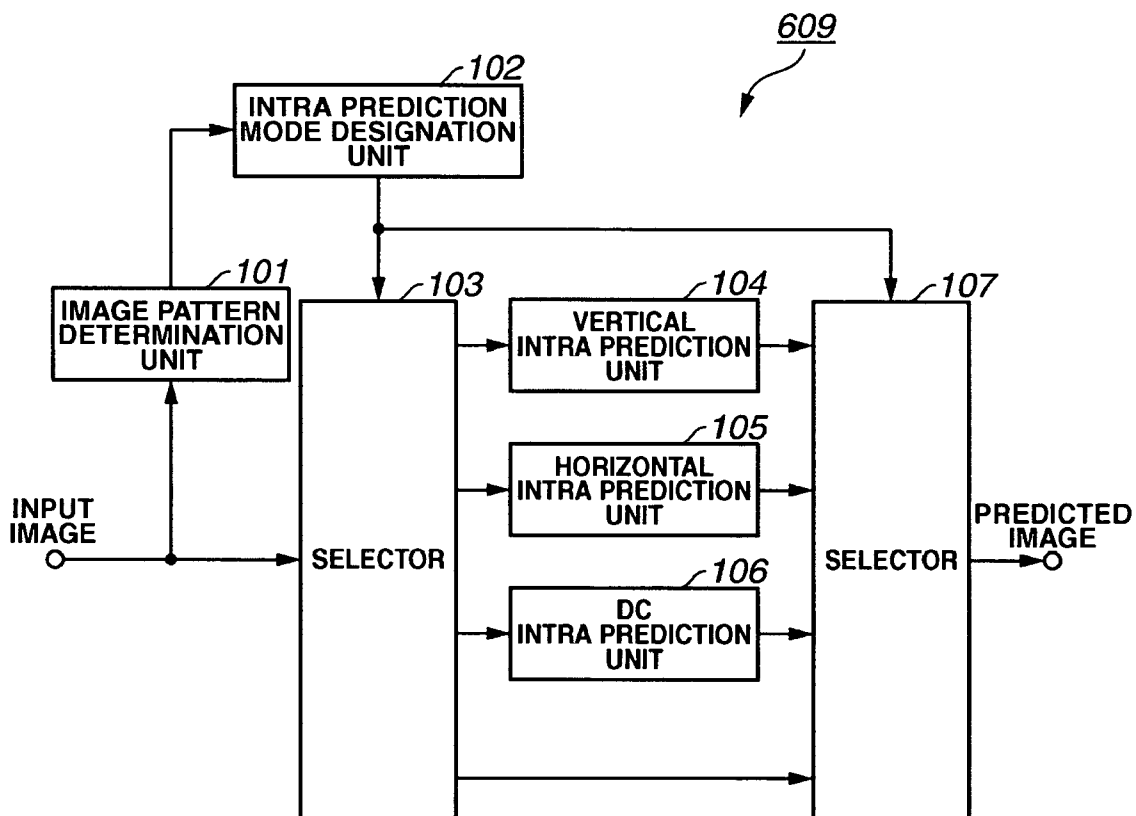


FIG.2

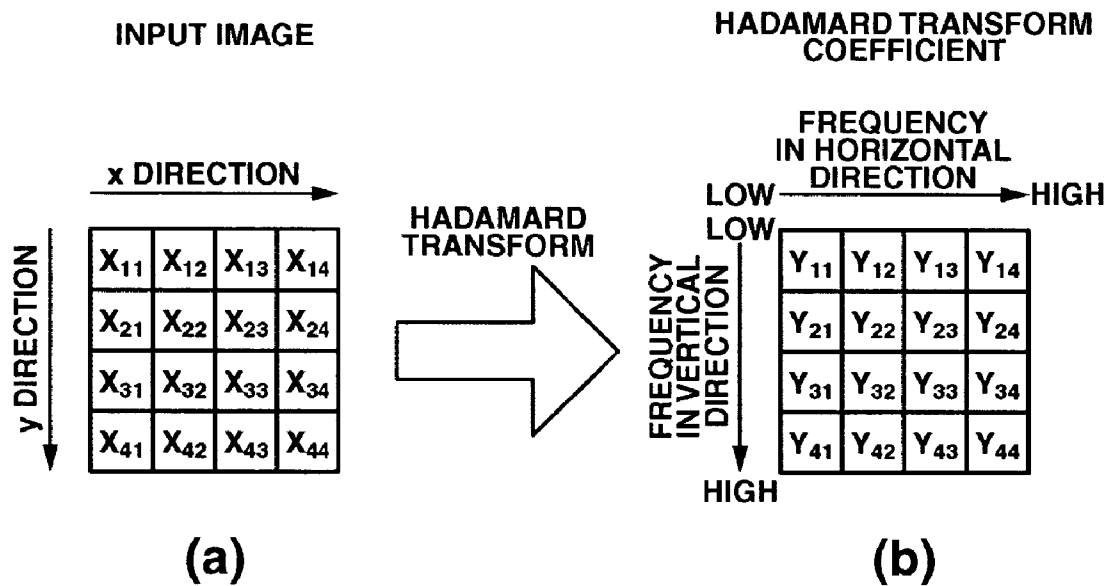


FIG.4A

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