

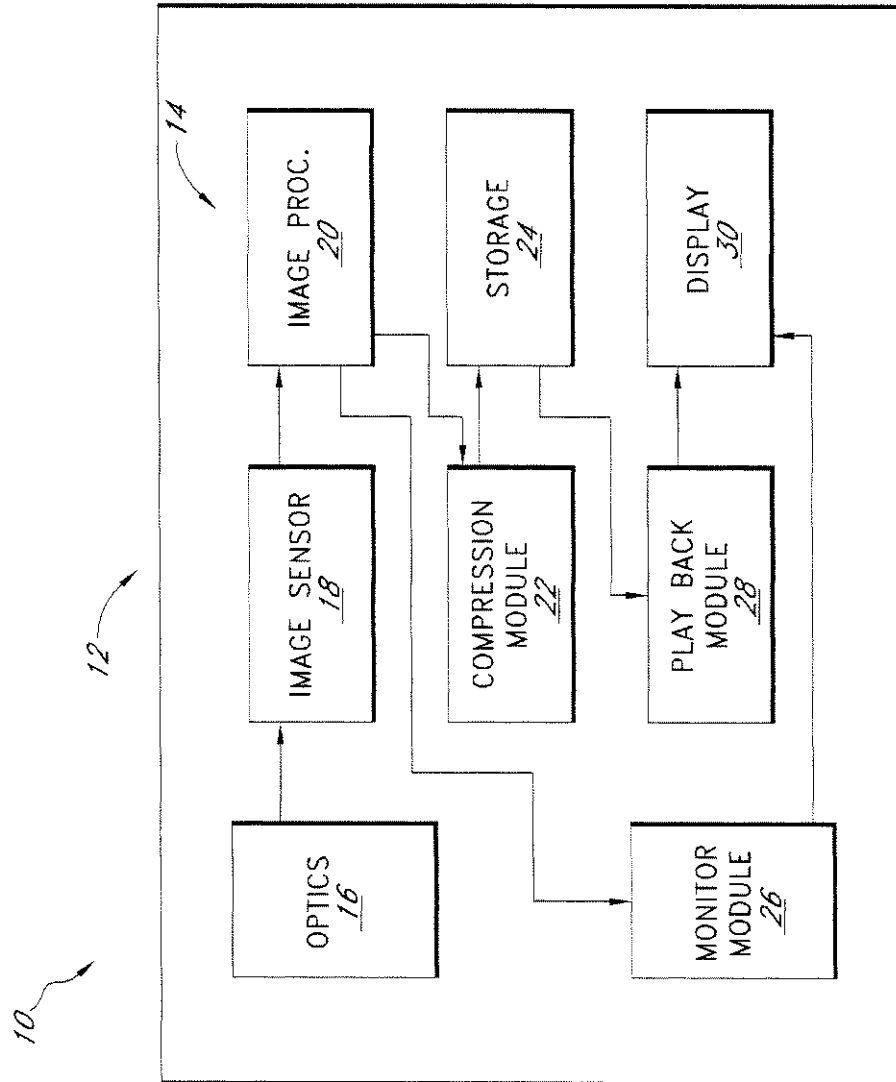


FIG. 1

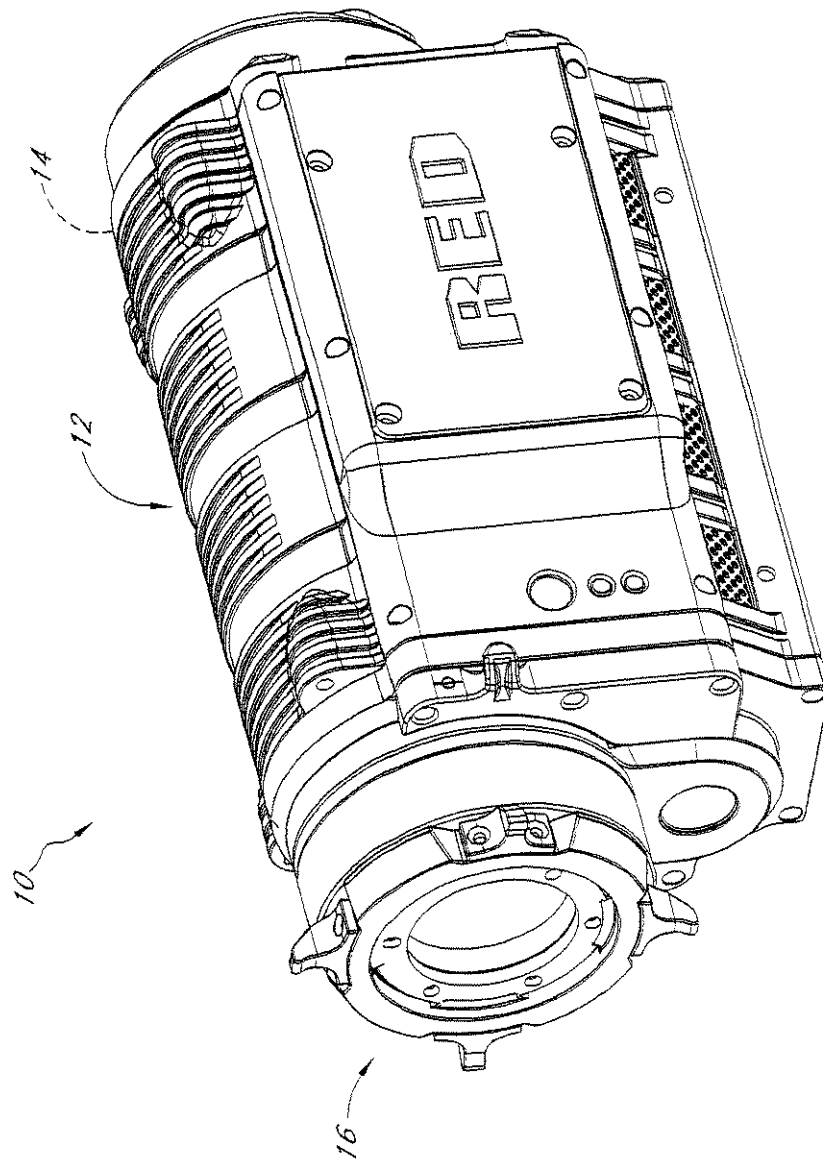


FIG. 2

	$m-3$	$m-2$	$m-1$	m	$m+1$	$m+2$	$m+3$	$m+4$
$n-3$	$B_{m-3,n-3}$	$G_{m-2,n-3}$	$B_{m-1,n-3}$	$G_{m,n-3}$	$B_{m+1,n-3}$	$G_{m+2,n-3}$	$B_{m+3,n-3}$	$G_{m+4,n-3}$
$n-2$	$G_{m-3,n-2}$	$R_{m-2,n-2}$	$G_{m-1,n-2}$	$R_{m,n-2}$	$G_{m+1,n-2}$	$R_{m+2,n-2}$	$G_{m+3,n-2}$	$R_{m+4,n-2}$
$n-1$	$B_{m-3,n-1}$	$G_{m-2,n-1}$	$B_{m-1,n-1}$	$G_{m,n-1}$	$B_{m+1,n-1}$	$G_{m+2,n-1}$	$B_{m+3,n-1}$	$G_{m+4,n-1}$
n	$G_{m-3,n}$	$R_{m-2,n}$	$G_{m-1,n}$	$R_{m,n}$	$G_{m+1,n}$	$R_{m+2,n}$	$G_{m+3,n}$	$R_{m+4,n}$
$n+1$	$B_{m-3,n+1}$	$G_{m-2,n+1}$	$B_{m-1,n+1}$	$G_{m,n+1}$	$B_{m+1,n+1}$	$G_{m+2,n+1}$	$B_{m+3,n+1}$	$G_{m+4,n+1}$
$n+2$	$G_{m-3,n+2}$	$R_{m-2,n+2}$	$G_{m-1,n+2}$	$R_{m,n+2}$	$G_{m+1,n+2}$	$R_{m+2,n+2}$	$G_{m+3,n+2}$	$R_{m+4,n+2}$
$n+3$	$B_{m-3,n+3}$	$G_{m-2,n+3}$	$B_{m-1,n+3}$	$G_{m,n+3}$	$B_{m+1,n+3}$	$G_{m+2,n+3}$	$B_{m+3,n+3}$	$G_{m+4,n+3}$
$n+4$	$G_{m-3,n+4}$	$R_{m-2,n+4}$	$G_{m-1,n+4}$	$R_{m,n+4}$	$G_{m+1,n+4}$	$R_{m+2,n+4}$	$G_{m+3,n+4}$	$R_{m+4,n+4}$

FIG. 3

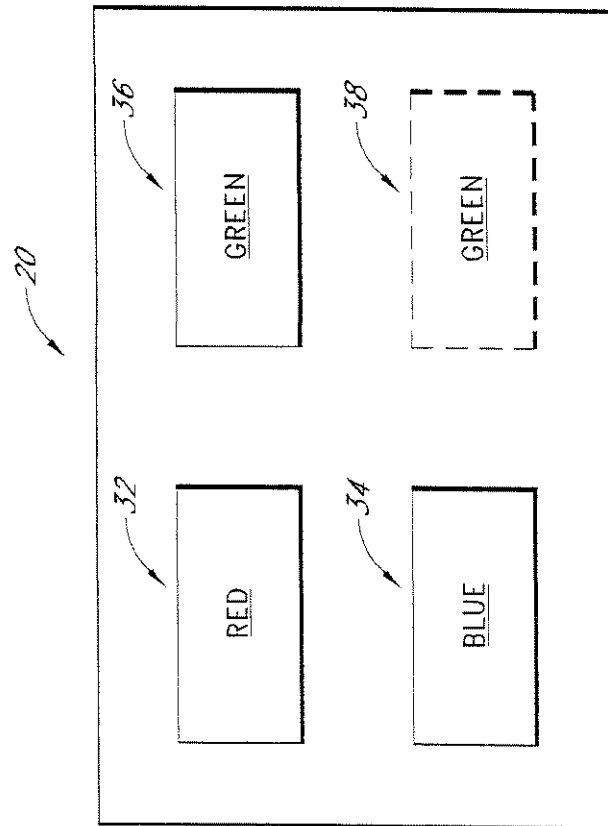


FIG. 4

	$m-3$	$m-2$	$m-1$	m	$m+1$	$m+2$	$m+3$	$m+4$
$n-3$		$G_{m-2,n-3}$		$G_{m,n-3}$		$G_{m+2,n-3}$		$G_{m+4,n-3}$
$n-2$	$G_{m-3,n-2}$		$G_{m-1,n-2}$		$G_{m+1,n-2}$		$G_{m+3,n-2}$	
$n-1$		$G_{m-2,n-1}$		$G_{m,n-1}$		$G_{m+2,n-1}$		$G_{m+4,n-1}$
n	$G_{m-3,n}$		$G_{m-1,n}$		$G_{m+1,n}$		$G_{m+3,n}$	1
$n+1$		$G_{m-2,n+1}$		$G_{m,n+1}$		$G_{m+2,n+1}$		$G_{m+4,n+1}$
$n+2$	$G_{m-3,n+2}$		$G_{m-1,n+2}$		$G_{m+1,n+2}$		$G_{m+3,n+2}$	
$n+3$		$G_{m-2,n+3}$		$G_{m,n+3}$		$G_{m+2,n+3}$		$G_{m+4,n+3}$
$n+4$	$G_{m-3,n+4}$		$G_{m-1,n+4}$		$G_{m+1,n+4}$		$G_{m+3,n+4}$	

FIG. 5

	$m-3$	$m-2$	$m-1$	m	$m+1$	$m+2$	$m+3$	$m+4$
$n-3$								
$n-2$	$G_{m-3,n-2}$		$G_{m-1,n-2}$		$G_{m+1,n-2}$		$G_{m+3,n-2}$	
$n-1$								
n	$G_{m-3,n}$		$G_{m-1,n}$		$G_{m+1,n}$		$G_{m+3,n}$	
$n+1$								
$n+2$	$G_{m-3,n+2}$		$G_{m-1,n+2}$		$G_{m+1,n+2}$		$G_{m+3,n+2}$	
$n+3$								
$n+4$	$G_{m-3,n+4}$		$G_{m-1,n+4}$		$G_{m+1,n+4}$		$G_{m+3,n+4}$	

FIG. 6

$G_{m-3,n-2}$	$G_{m-1,n-2}$	$G_{m+1,n-2}$	$G_{m+3,n-2}$
$G_{m-3,n}$	$G_{m-1,n}$	$G_{m+1,n}$	$G_{m+3,n}$
$G_{m-3,n+2}$	$G_{m-1,n+2}$	$G_{m+1,n+2}$	$G_{m+3,n+2}$
$G_{m-3,n+4}$	$G_{m-1,n+4}$	$G_{m+1,n+4}$	$G_{m+3,n+4}$

GREEN 2

$R_{m-2,n-2}$	$R_{m,n-2}$	$R_{m+2,n-2}$	$R_{m+4,n-2}$
$R_{m-2,n}$	$R_{m,n}$	$R_{m+2,n}$	$R_{m+4,n}$
$R_{m-2,n+2}$	$R_{m,n+2}$	$R_{m+2,n+2}$	$R_{m+4,n+2}$
$R_{m-2,n+4}$	$R_{m,n+4}$	$R_{m+2,n+4}$	$R_{m+4,n+4}$

RED

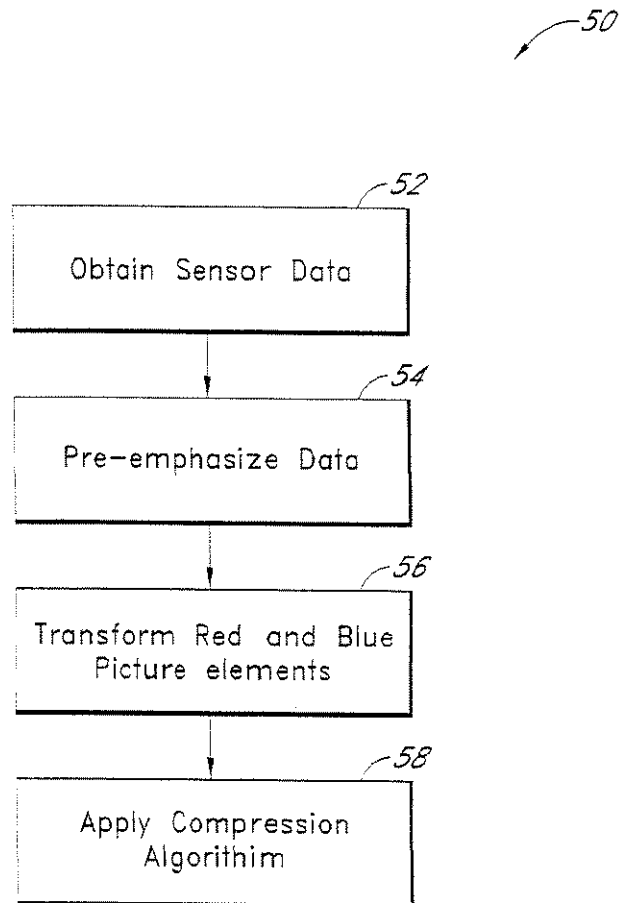
$G_{m-2,n-3}$	$G_{m,n-3}$	$G_{m+2,n-3}$	$G_{m+4,n-3}$
$G_{m-2,n-1}$	$G_{m,n-1}$	$G_{m+2,n-1}$	$G_{m+4,n-1}$
$G_{m-2,n+1}$	$G_{m,n+1}$	$G_{m+2,n+1}$	$G_{m+4,n+1}$
$G_{m-2,n+3}$	$G_{m,n+3}$	$G_{m+2,n+3}$	$G_{m+4,n+3}$

GREEN 1

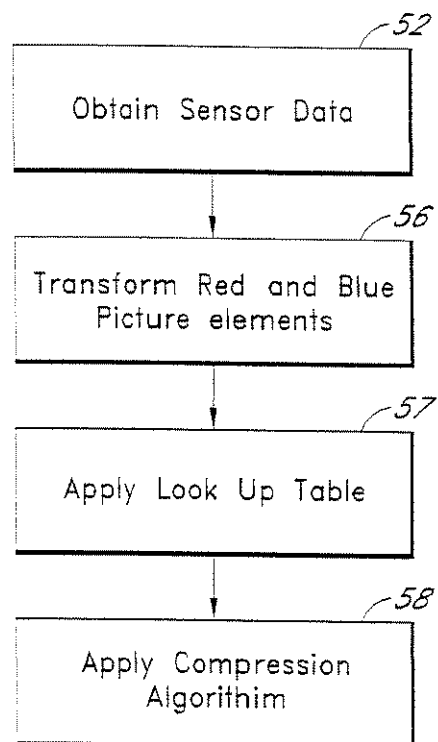
$B_{m-3,n-3}$	$B_{m-1,n-3}$	$B_{m+1,n-3}$	$B_{m+3,n-3}$
$B_{m-3,n-1}$	$B_{m-1,n-1}$	$B_{m+1,n-1}$	$B_{m+3,n-1}$
$B_{m-3,n+1}$	$B_{m-1,n+1}$	$B_{m+1,n+1}$	$B_{m+3,n+1}$
$B_{m-3,n+3}$	$B_{m-1,n+3}$	$B_{m+1,n+3}$	$B_{m+3,n+3}$

BLUE

FIG. 7

*FIG. 8*

50'

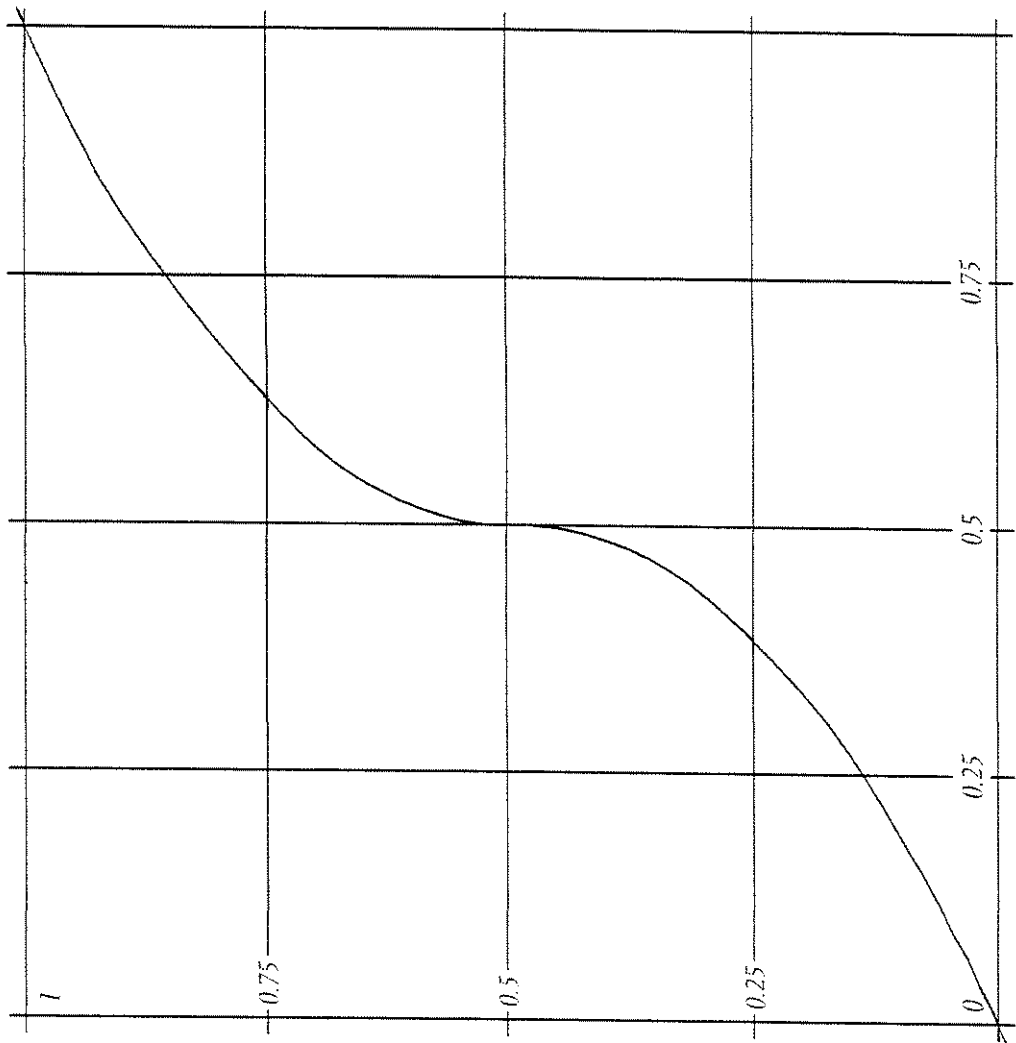
*FIG. 8A*

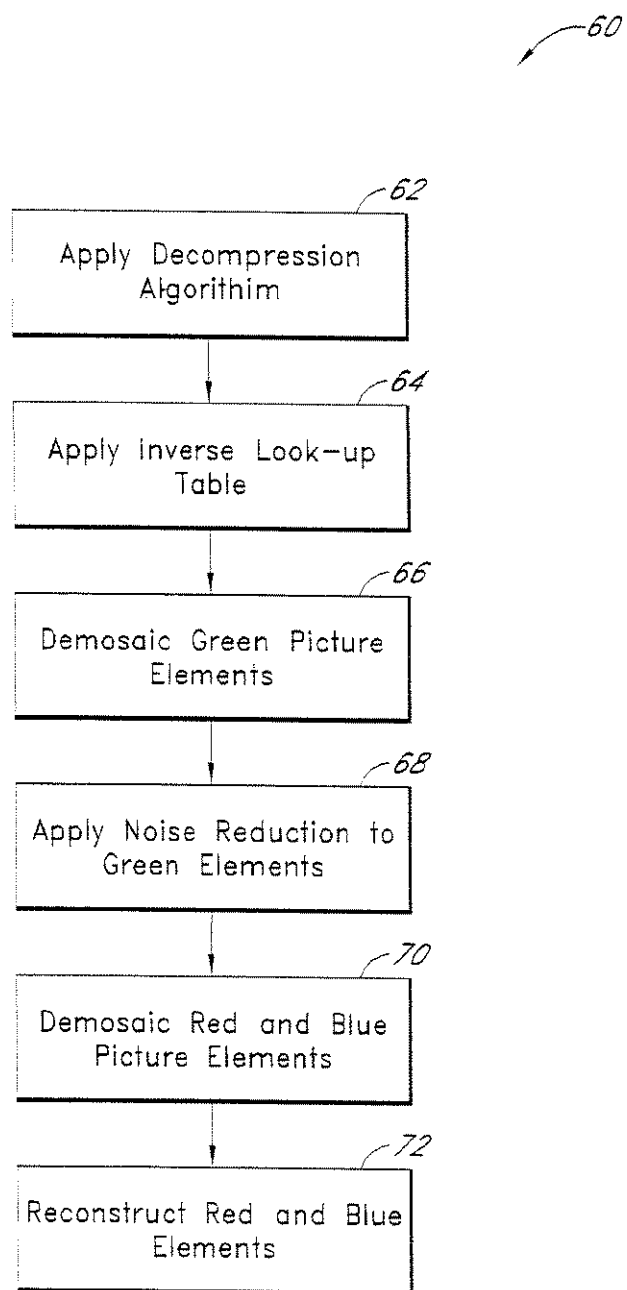
	$B'_{m-1, n-1} =$ $B_{m-1, n-1} -$ $(G_{m-1, n-2} + G_{m, n-1} +$ $G_{m-1, n} + G_{m-2, n-1})/4$		

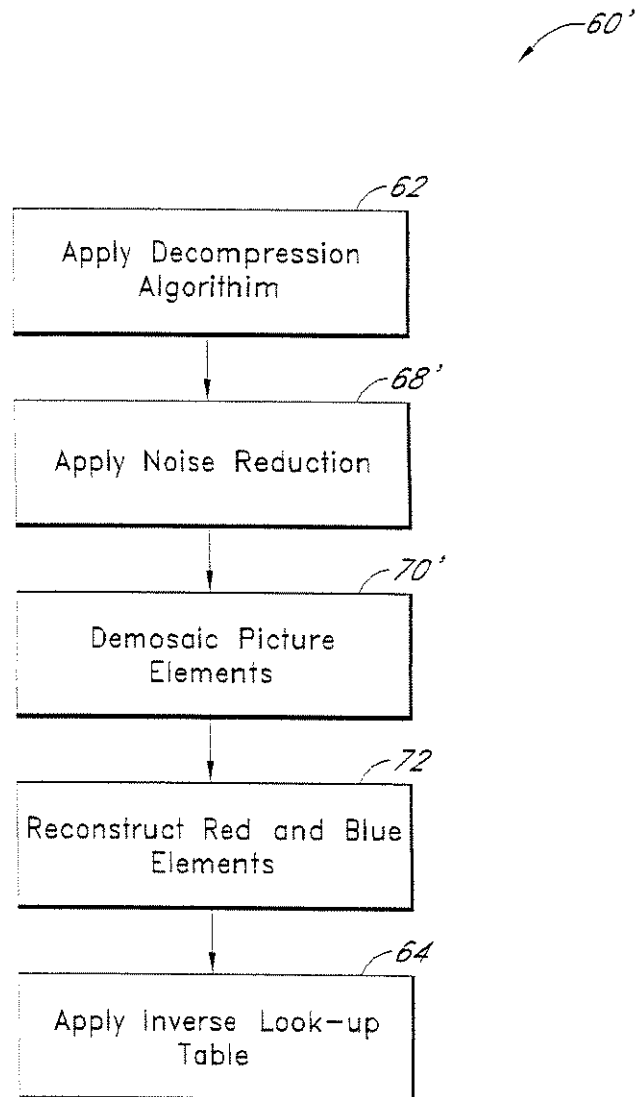
FIG. 9

	$R'_{m-2, n-2} =$ $R_{m-2, n-2} =$ $(G_{m-2, n-3} + G_{m-1, n-2} +$ $G_{m-2, n-1} + G_{m-3, n-2})/4$		

FIG. 10

*FIG. 11*

*FIG. 12*

*FIG. 12A*

	$m-3$	$m-2$	$m-1$	m	$m+1$	$m+2$	$m+3$	$m+4$
$n-3$	$DC_{m-3,n-3}$	$G_{m-2,n-3}$	$DC_{m-1,n-3}$	$G_{m,n-3}$	$DC_{m+1,n-3}$	$G_{m+2,n-3}$	$DC_{m+3,n-3}$	$G_{m+4,n-3}$
$n-2$	$G_{m-3,n-2}$	$DC_{m-2,n-2}$	$G_{m-1,n-2}$	$DC_{m,n-2}$	$G_{m+1,n-2}$	$DC_{m+2,n-2}$	$G_{m+3,n-2}$	$DC_{m+4,n-2}$
$n-1$	$DC_{m-3,n-1}$	$G_{m-2,n-1}$	$DC_{m-1,n-1}$	$G_{m,n-1}$	$DC_{m+1,n-1}$	$G_{m+2,n-1}$	$DC_{m+3,n-1}$	$G_{m+4,n-1}$
n	$G_{m-3,n}$	$DC_{m-2,n}$	$G_{m-1,n}$	$DC_{m,n}$	$G_{m+1,n}$	$DC_{m+2,n}$	$G_{m+3,n}$	$DC_{m+4,n}$
$n+1$	$DC_{m-3,n+1}$	$G_{m-2,n+1}$	$DC_{m-1,n+1}$	$G_{m,n+1}$	$DC_{m+1,n+1}$	$G_{m+2,n+1}$	$DC_{m+3,n+1}$	$G_{m+4,n+1}$
$n+2$	$G_{m-3,n+2}$	$DC_{m-2,n+2}$	$G_{m-1,n+2}$	$DC_{m,n+2}$	$G_{m+1,n+2}$	$DC_{m+2,n+2}$	$G_{m+3,n+2}$	$DC_{m+4,n+2}$
$n+3$	$DC_{m-3,n+3}$	$G_{m-2,n+3}$	$DC_{m-1,n+3}$	$G_{m,n+3}$	$DC_{m+1,n+3}$	$G_{m+2,n+3}$	$DC_{m+3,n+3}$	$G_{m+4,n+3}$
$n+4$	$G_{m-3,n+4}$	$DC_{m-2,n+4}$	$G_{m-1,n+4}$	$DC_{m,n+4}$	$G_{m+1,n+4}$	$DC_{m+2,n+4}$	$G_{m+3,n+4}$	$DC_{m+4,n+4}$

FIG. 13

	$m-3$	$m-2$	$m-1$	m	$m+1$	$m+2$	$m+3$	$m+4$
$n-3$	$DC_{m-3,n-3}$	$DC_{m-2,n-3}$	$DC_{m-1,n-3}$	$DC_{m,n-3}$	$DC_{m+1,n-3}$	$DC_{m+2,n-3}$	$DC_{m+3,n-3}$	$DC_{m+4,n-3}$
$n-2$	$G_{m-3,n-2}$	$DC_{m-2,n-2}$	$G_{m-1,n-2}$	$DC_{m,n-2}$	$G_{m+1,n-2}$	$DC_{m+2,n-2}$	$G_{m+3,n-2}$	$DC_{m+4,n-2}$
$n-1$	$DC_{m-3,n-1}$	$DC_{m-2,n-1}$	$DC_{m-1,n-1}$	$DC_{m,n-1}$	$DC_{m+1,n-1}$	$DC_{m+2,n-1}$	$DC_{m+3,n-1}$	$DC_{m+4,n-1}$
n	$G_{m-3,n}$	$DC_{m-2,n}$	$G_{m-1,n}$	$DC_{m,n}$	$G_{m+1,n}$	$DC_{m+2,n}$	$G_{m+3,n}$	$DC_{m+4,n}$
$n+1$	$DC_{m-3,n+1}$	$DC_{m-2,n+1}$	$DC_{m-1,n+1}$	$DC_{m,n+1}$	$DC_{m+1,n+1}$	$DC_{m+2,n+1}$	$DC_{m+3,n+1}$	$DC_{m+4,n+1}$
$n+2$	$G_{m-3,n+2}$	$DC_{m-2,n+2}$	$G_{m-1,n+2}$	$DC_{m,n+2}$	$G_{m+1,n+2}$	$DC_{m+2,n+2}$	$G_{m+3,n+2}$	$DC_{m+4,n+2}$
$n+3$	$DC_{m-3,n+3}$	$DC_{m-2,n+3}$	$DC_{m-1,n+3}$	$DC_{m,n+3}$	$DC_{m+1,n+3}$	$DC_{m+2,n+3}$	$DC_{m+3,n+3}$	$DC_{m+4,n+3}$
$n+4$	$G_{m-3,n+4}$	$DC_{m-2,n+4}$	$G_{m-1,n+4}$	$DC_{m,n+4}$	$G_{m+1,n+4}$	$DC_{m+2,n+4}$	$G_{m+3,n+4}$	$DC_{m+4,n+4}$

FIG. 14

	$m-3$	$m-2$	$m-1$	m	$m+1$	$m+2$	$m+3$	$m+4$
$n-3$	$B_{m-3,n-3}$		$B_{m-1,n-3}$		$B_{m+1,n-3}$		$B_{m+3,n-3}$	
$n-2$								
$n-1$	$B_{m-3,n-1}$		$B_{m-1,n-1}$		$B_{m+1,n-1}$		$B_{m+3,n-1}$	
n								
$n+1$	$B_{m-3,n+1}$		$B_{m-1,n+1}$		$B_{m+1,n+1}$		$B_{m+3,n+1}$	
$n+2$								
$n+3$	$B_{m-3,n+3}$		$B_{m-1,n+3}$		$B_{m+1,n+3}$		$B_{m+3,n+3}$	
$n+4$								

FIG. 15

	$m-3$	$m-2$	$m-1$	m	$m+1$	$m+2$	$m+3$	$m+4$
$n-3$	$B_{m-3,n-3}$	$DB_{m-2,n-3}$	$B_{m-1,n-3}$	$DB_{m,n-3}$	$B_{m+1,n-3}$	$DB_{m+2,n-3}$	$B_{m+3,n-3}$	$DB_{m+4,n-3}$
$n-2$	$DB_{m-3,n-2}$	$DB_{m-2,n-2}$	$DB_{m-1,n-2}$	$DB_{m,n-2}$	$DB_{m+1,n-2}$	$DB_{m+2,n-2}$	$DB_{m+3,n-2}$	$DB_{m+4,n-2}$
$n-1$	$B_{m-3,n-1}$	$DB_{m-2,n-1}$	$B_{m-1,n-1}$	$DB_{m,n-1}$	$B_{m+1,n-1}$	$DB_{m+2,n-1}$	$B_{m+3,n-1}$	$DB_{m+4,n-1}$
n	$DB_{m-3,n}$	$DB_{m-2,n}$	$DB_{m-1,n}$	$DB_{m,n}$	$DB_{m+1,n}$	$DB_{m+2,n}$	$DB_{m+3,n}$	$DB_{m+4,n}$
$n+1$	$B_{m-3,n+1}$	$DB_{m-2,n+1}$	$B_{m-1,n+1}$	$DB_{m,n+1}$	$B_{m+1,n+1}$	$DB_{m+2,n+1}$	$B_{m+3,n+1}$	$DB_{m+4,n+1}$
$n+2$	$DB_{m-3,n+2}$	$DB_{m-2,n+2}$	$DB_{m-1,n+2}$	$DB_{m,n+2}$	$DB_{m+1,n+2}$	$DB_{m+2,n+2}$	$DB_{m+3,n+2}$	$DB_{m+4,n+2}$
$n+3$	$B_{m-3,n+3}$	$DB_{m-2,n+3}$	$B_{m-1,n+3}$	$DB_{m,n+3}$	$B_{m+1,n+3}$	$DB_{m+2,n+3}$	$B_{m+3,n+3}$	$DB_{m+4,n+3}$
$n+4$	$DB_{m-3,n+4}$	$DB_{m-2,n+4}$	$DB_{m-1,n+4}$	$DB_{m,n+4}$	$DB_{m+1,n+4}$	$DB_{m+2,n+4}$	$DB_{m+3,n+4}$	$DB_{m+4,n+4}$

FIG. 16