

FIG. 1

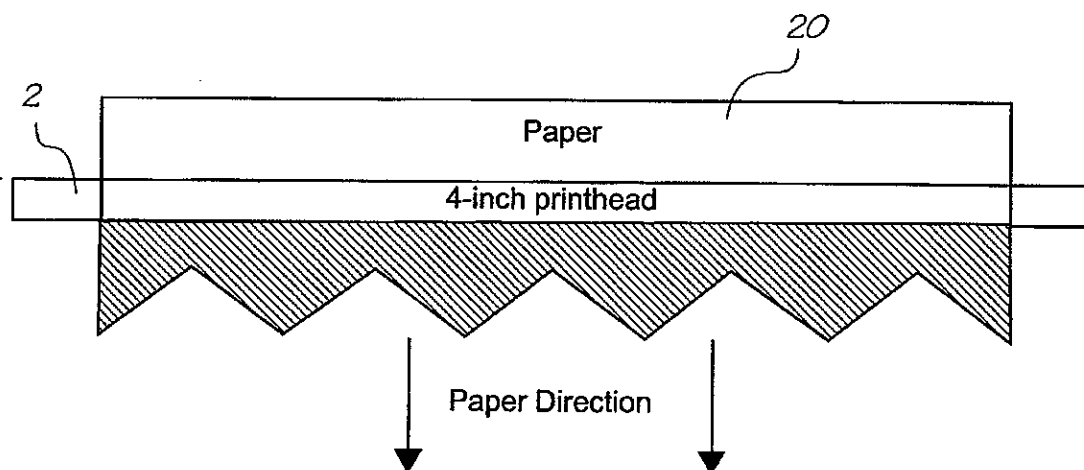


FIG. 4

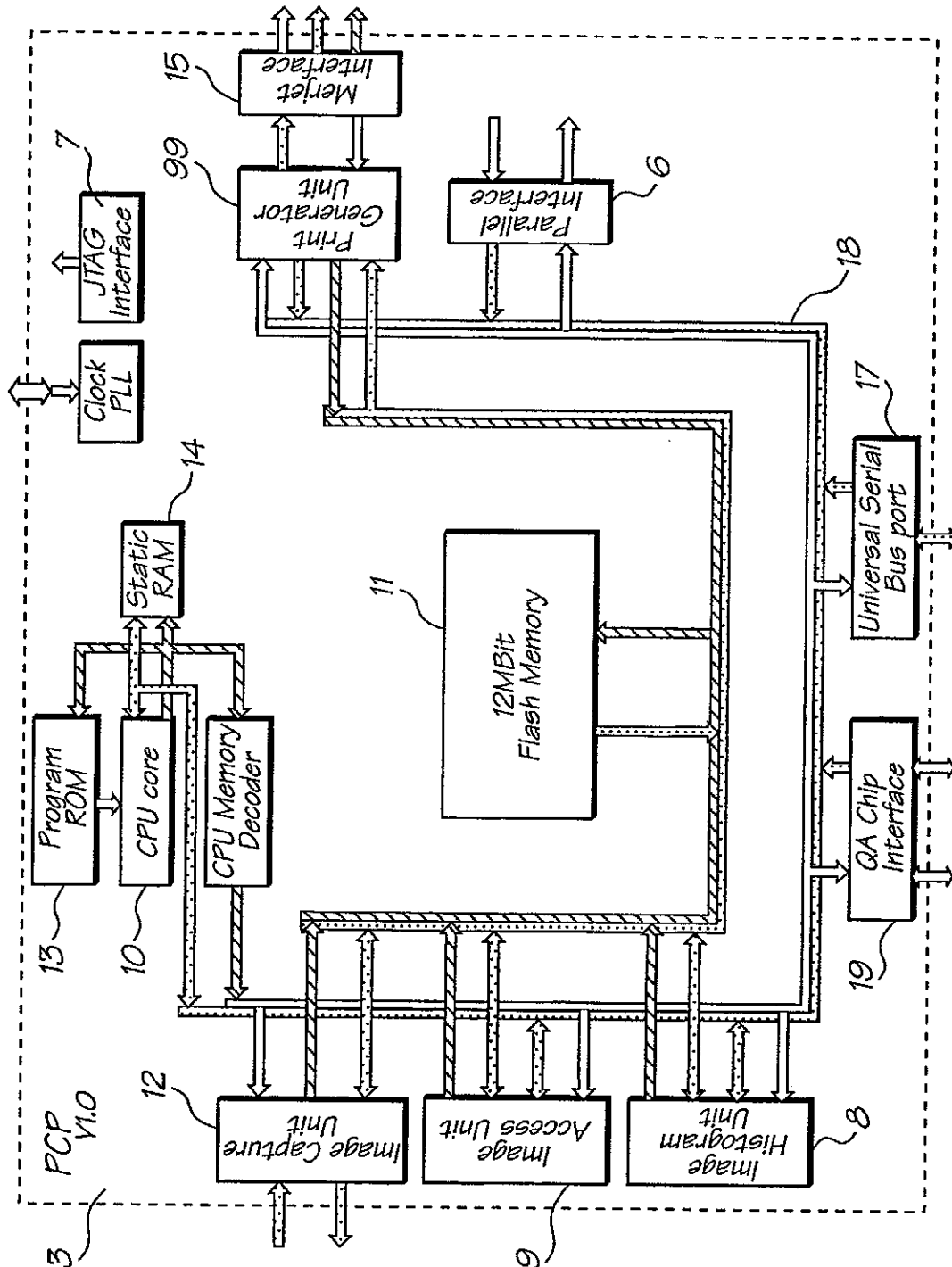
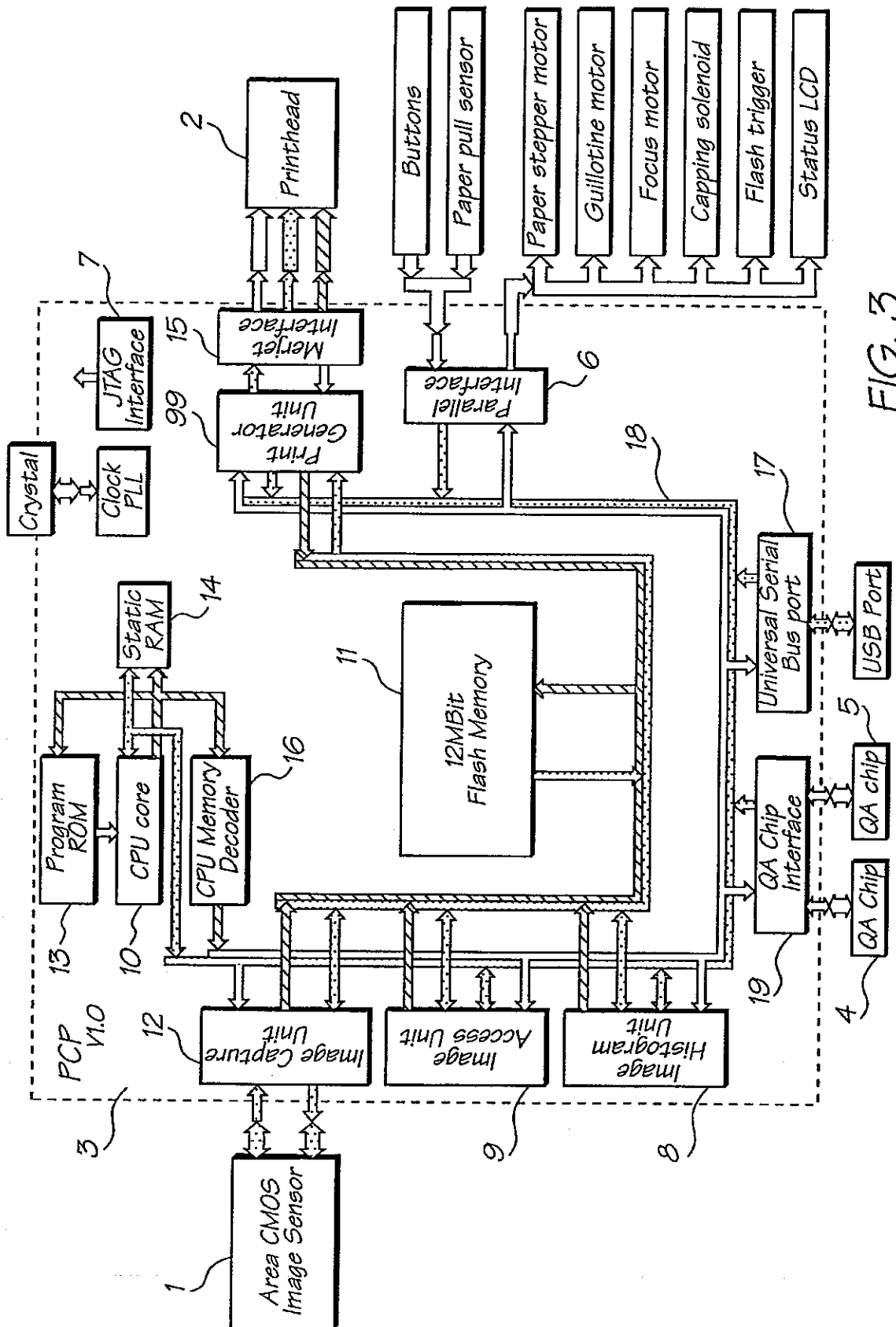
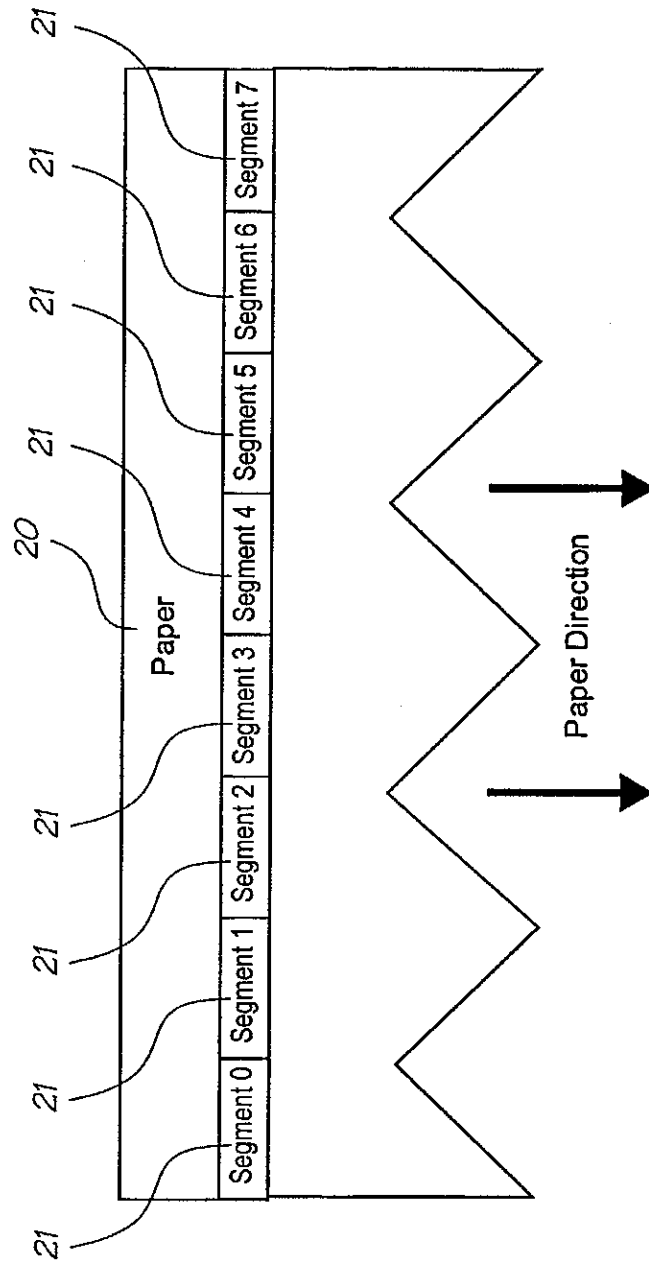


FIG. 2





1 segment
= 0.5 inch
= 12700 μm

FIG. 5

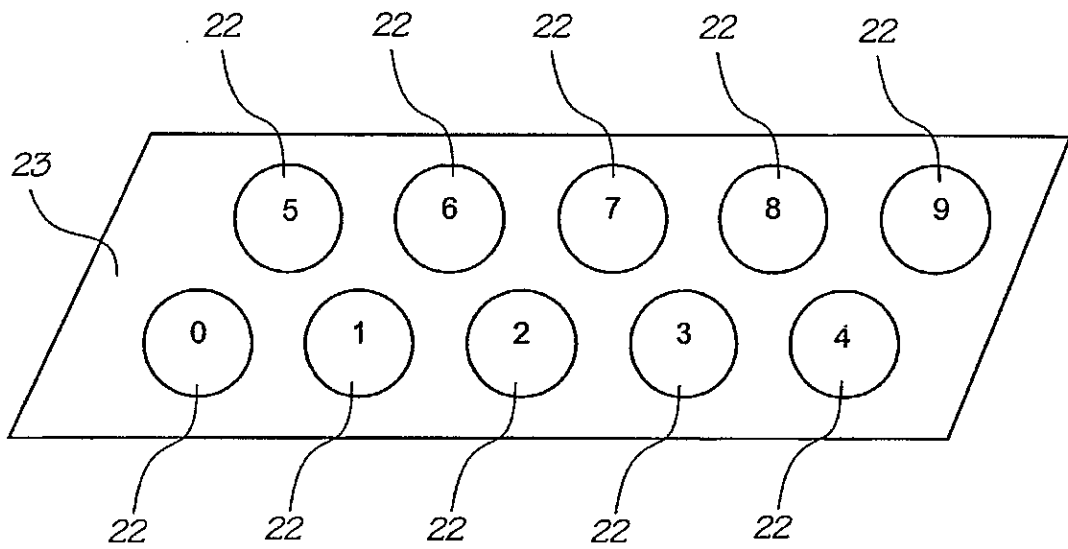


FIG. 6

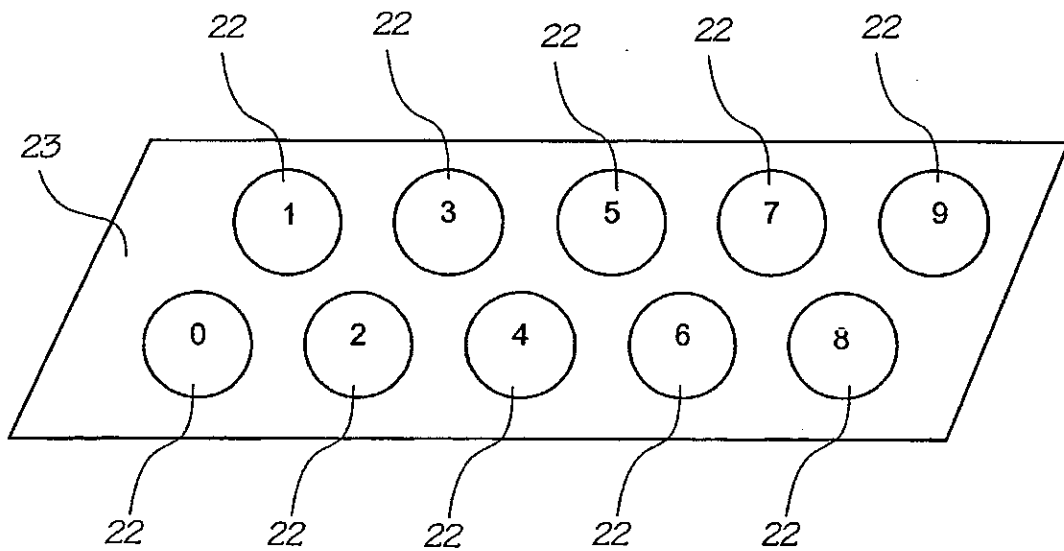


FIG. 7

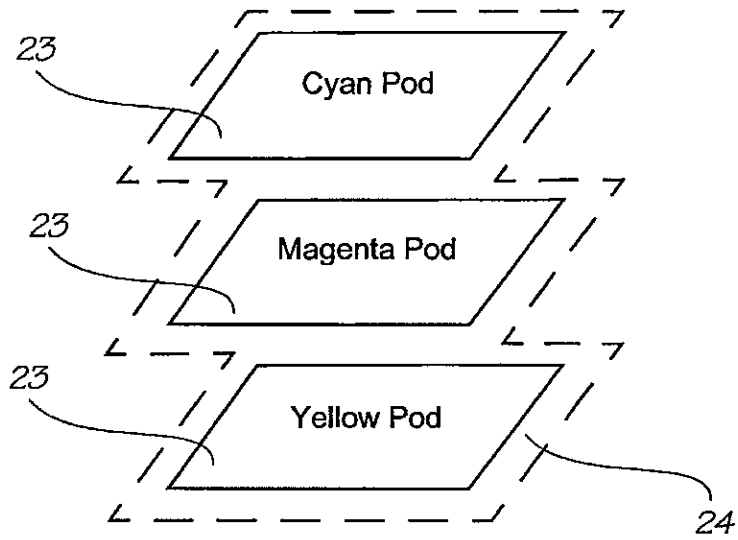


FIG. 8

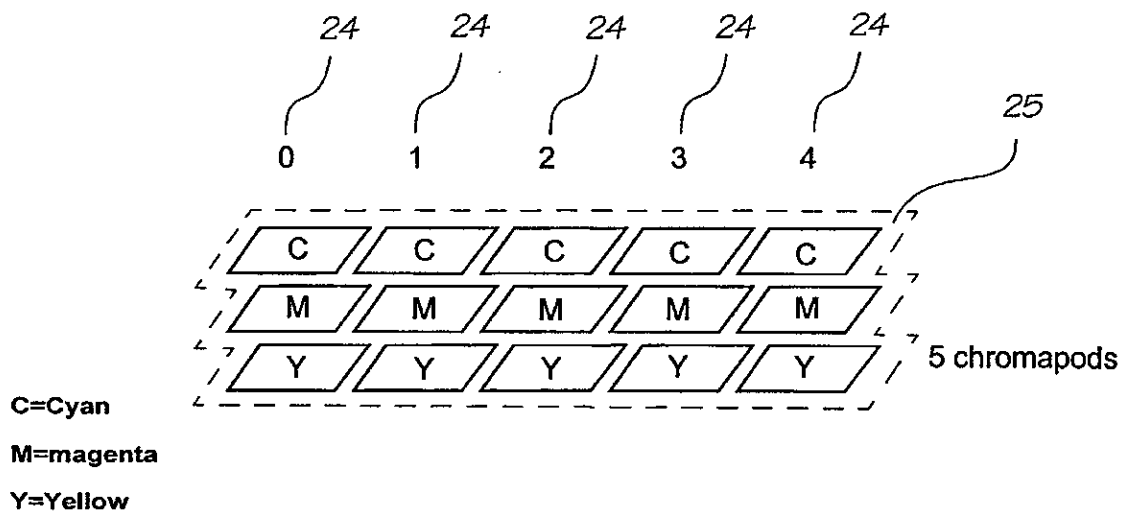


FIG. 9

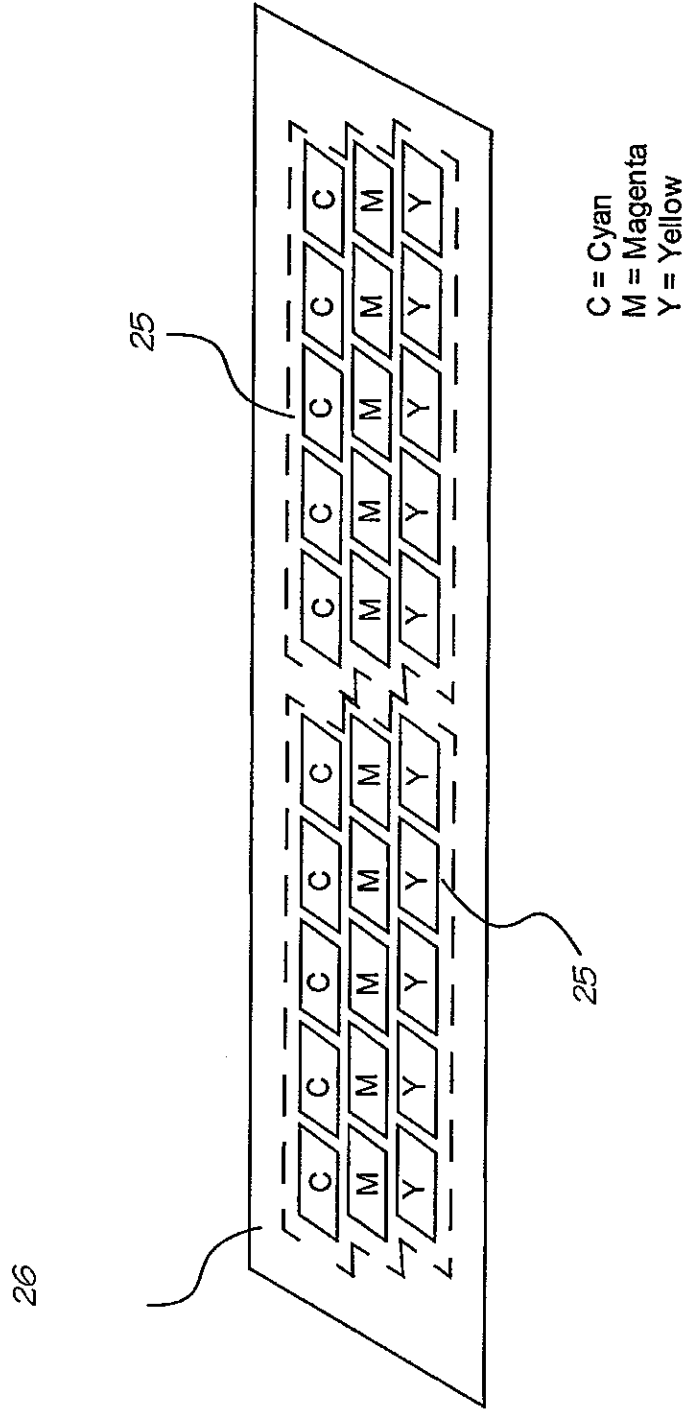


FIG. 10

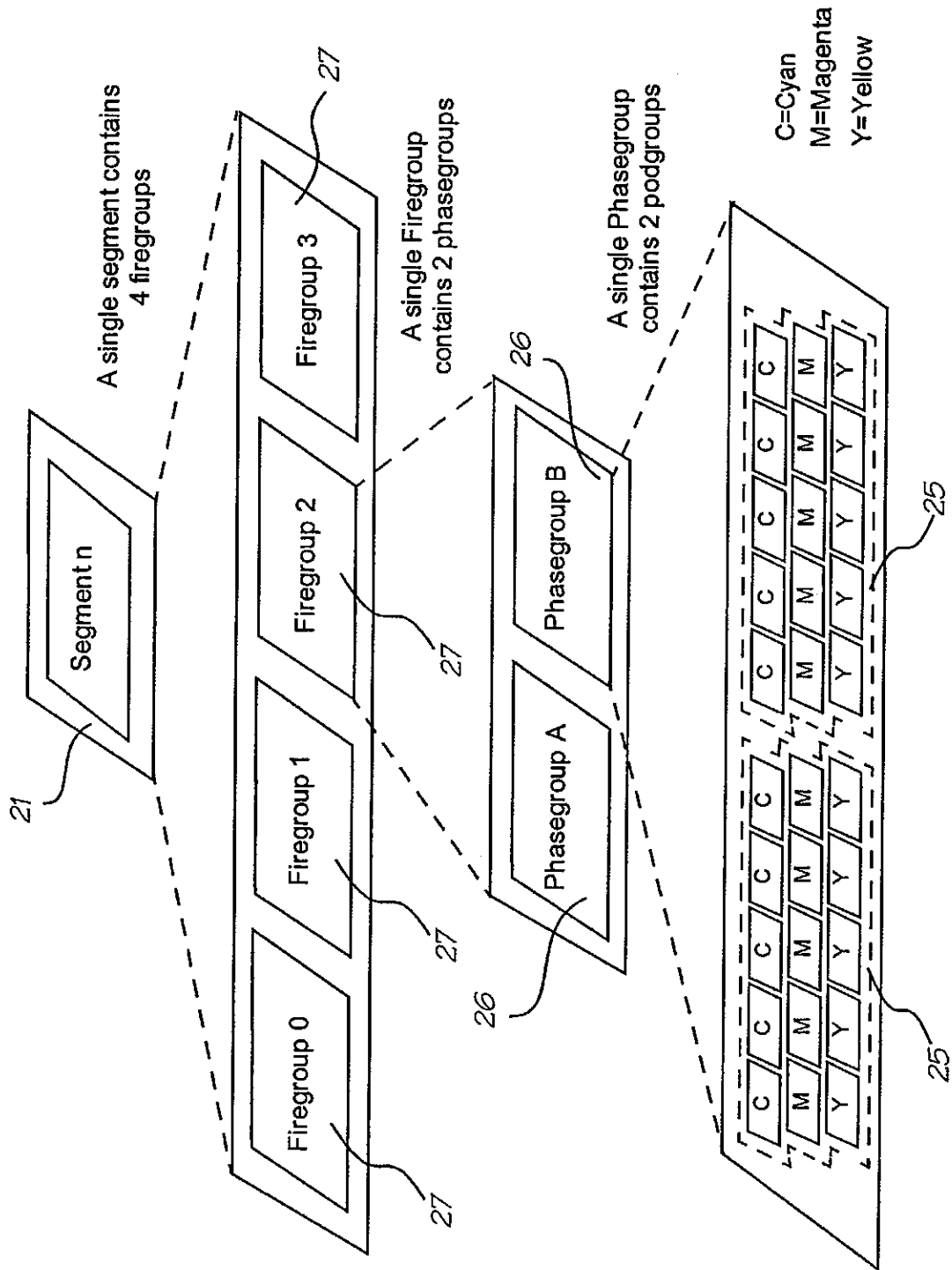


FIG. 11

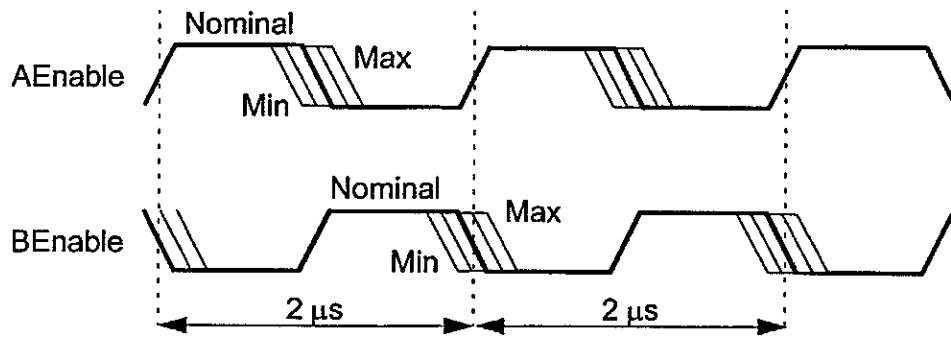


FIG. 12

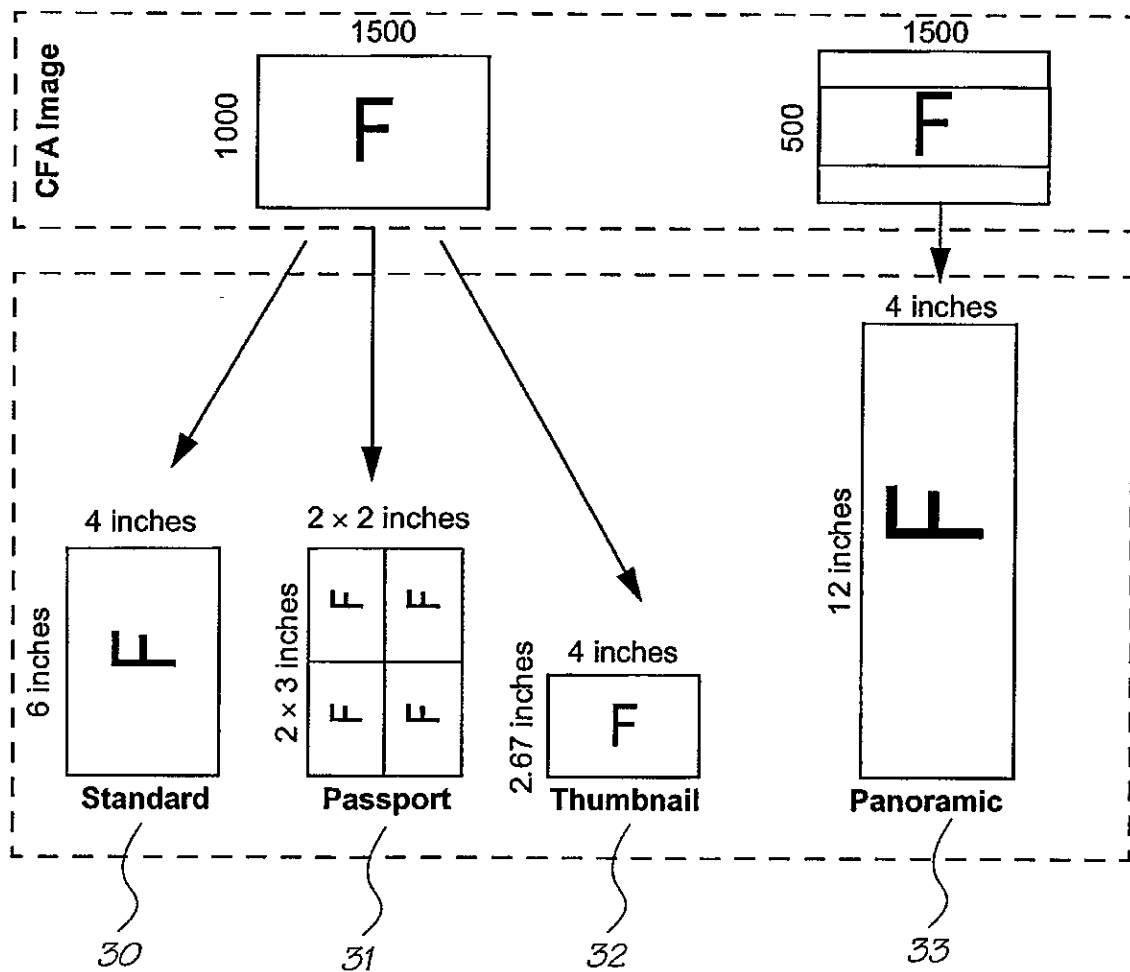


FIG. 13

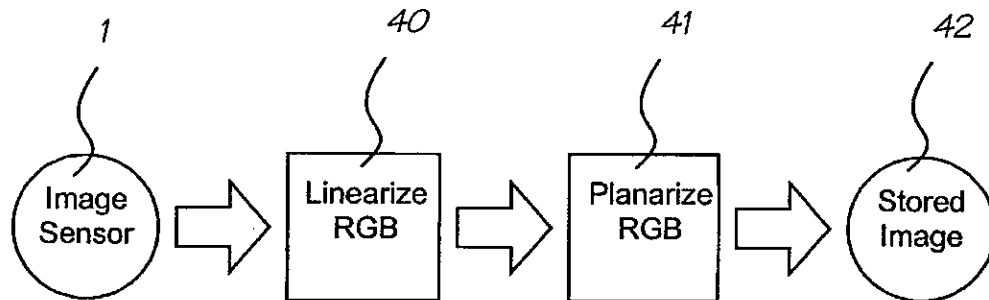


FIG. 14

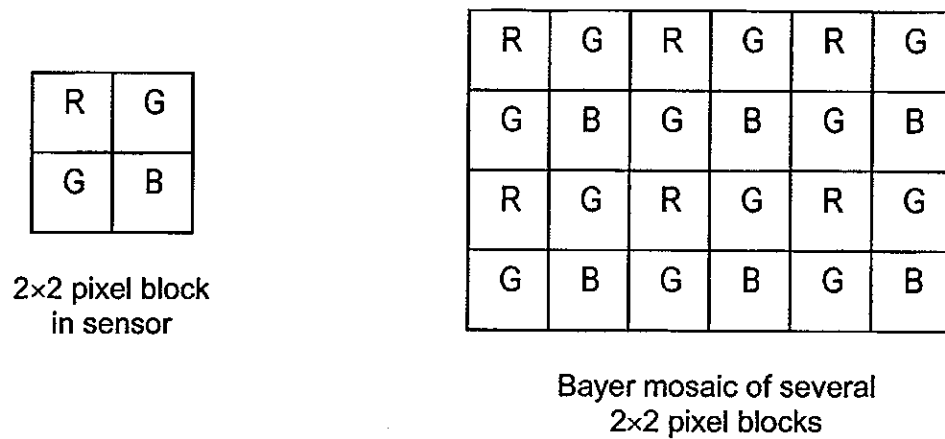


FIG. 15

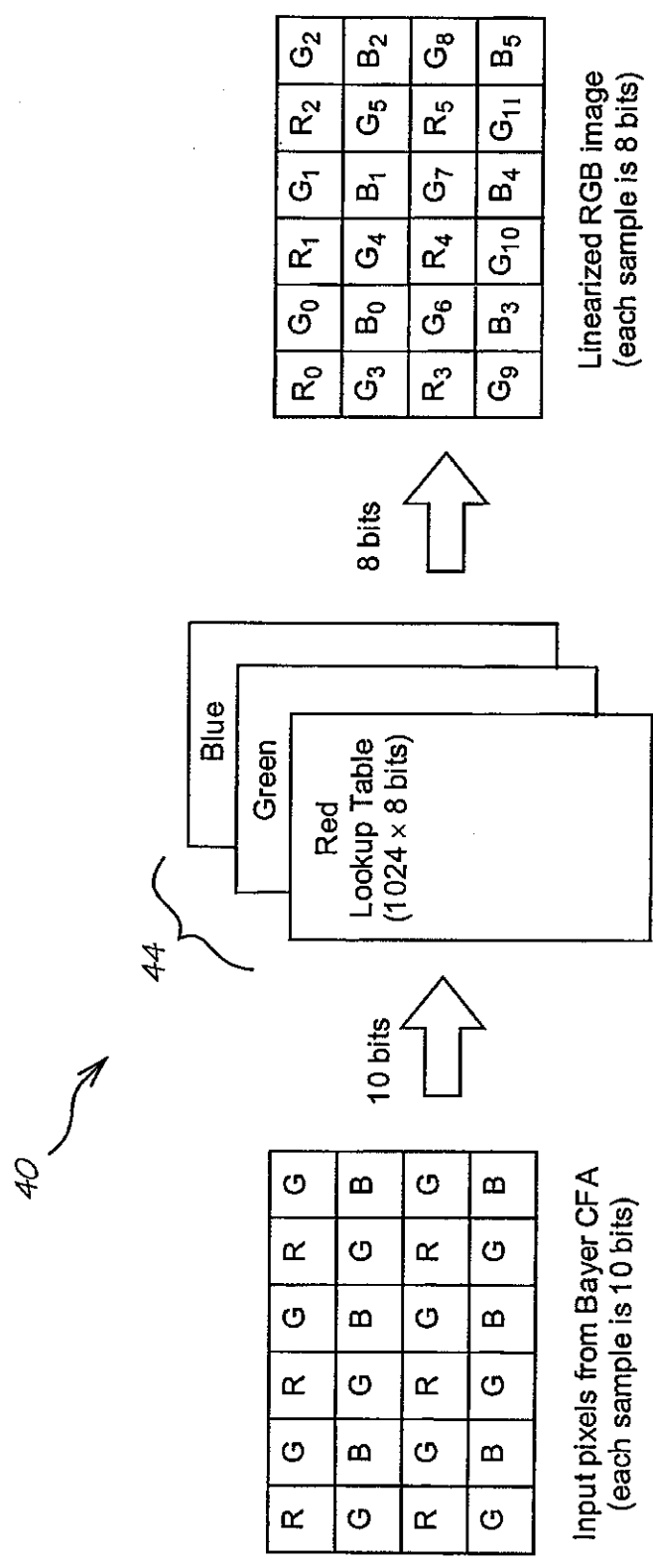


FIG. 16

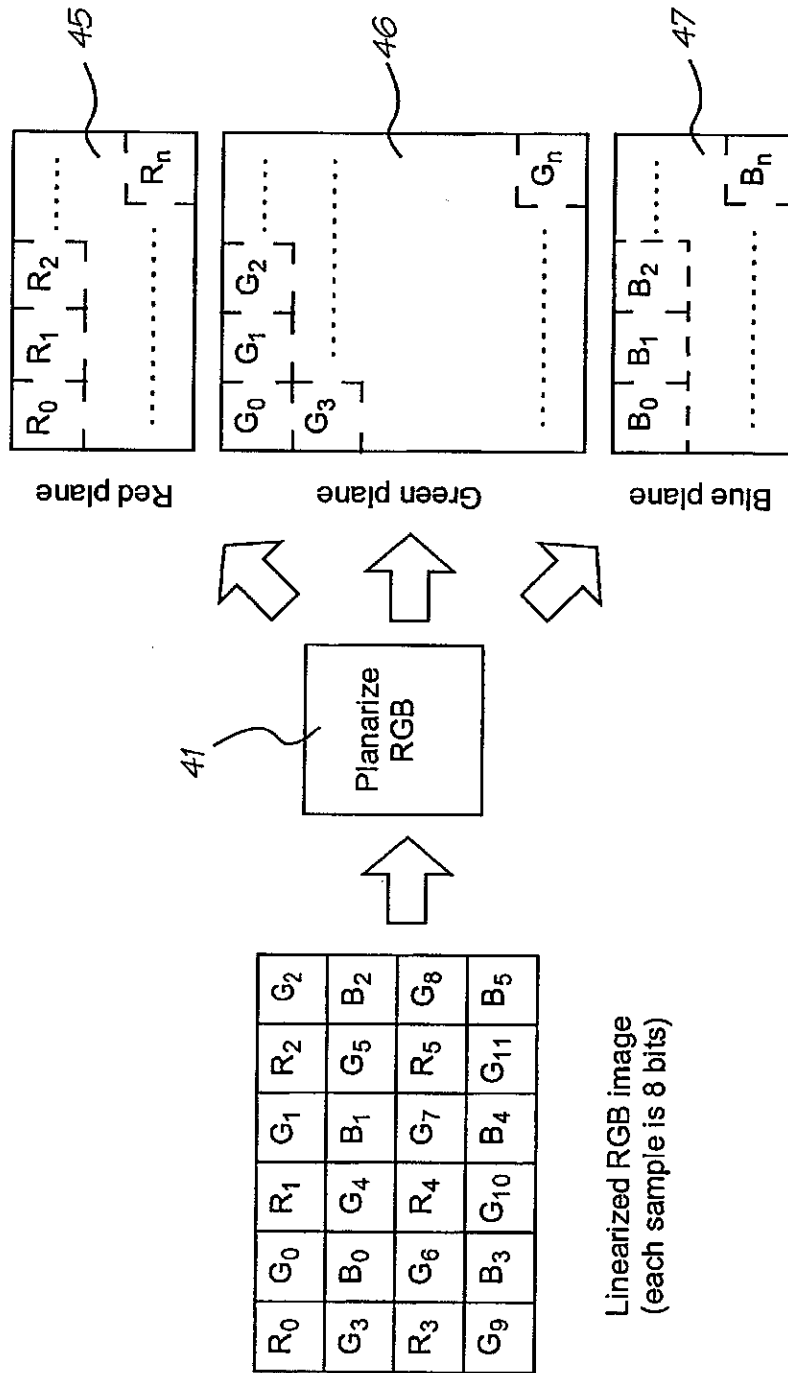


FIG. 17

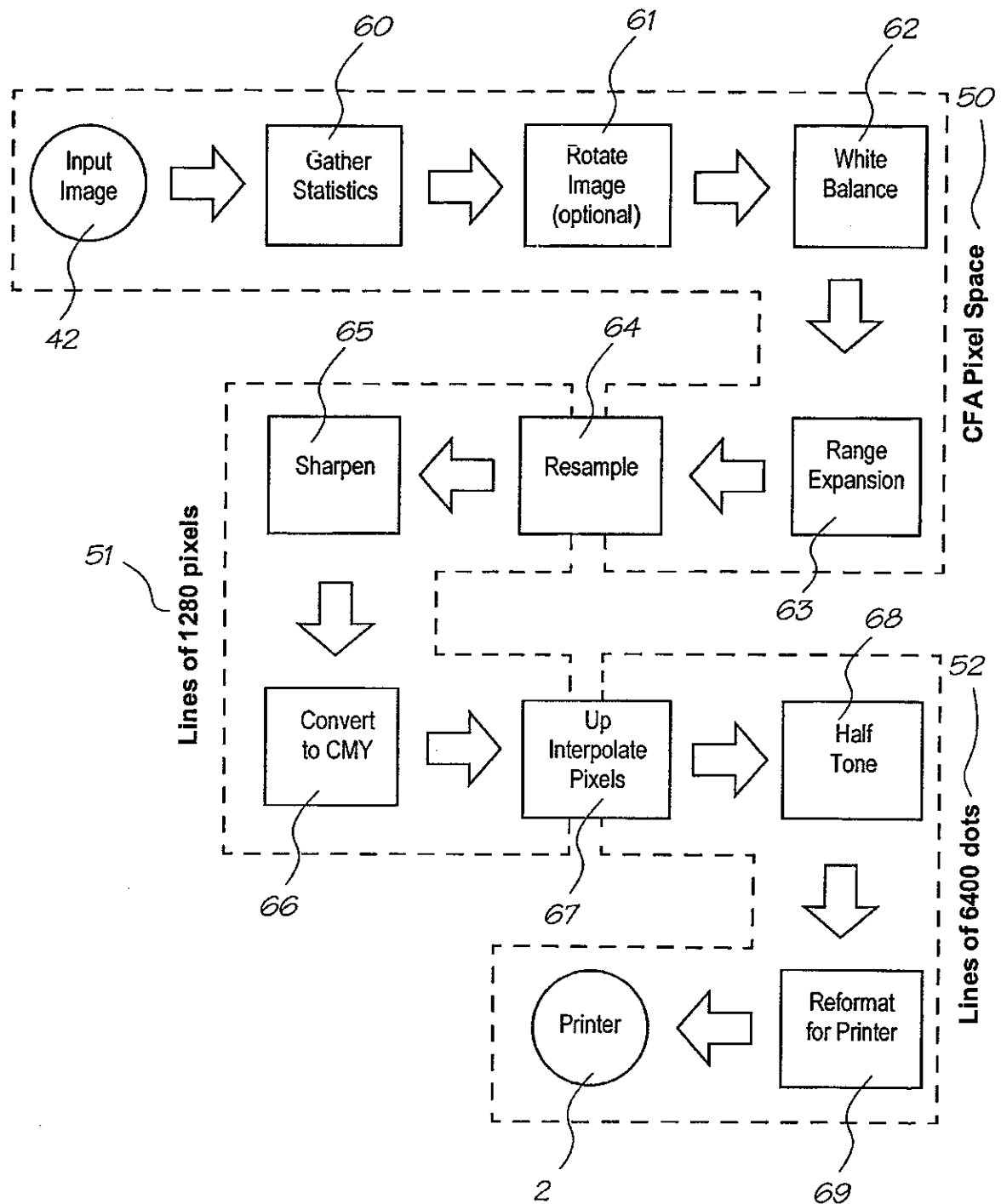


FIG. 18

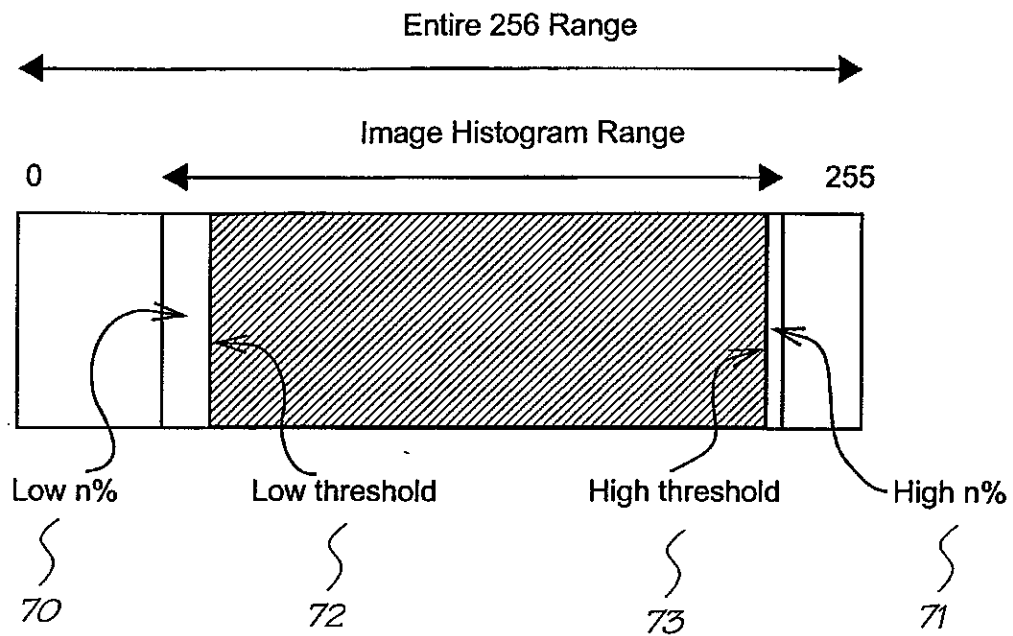


FIG. 19

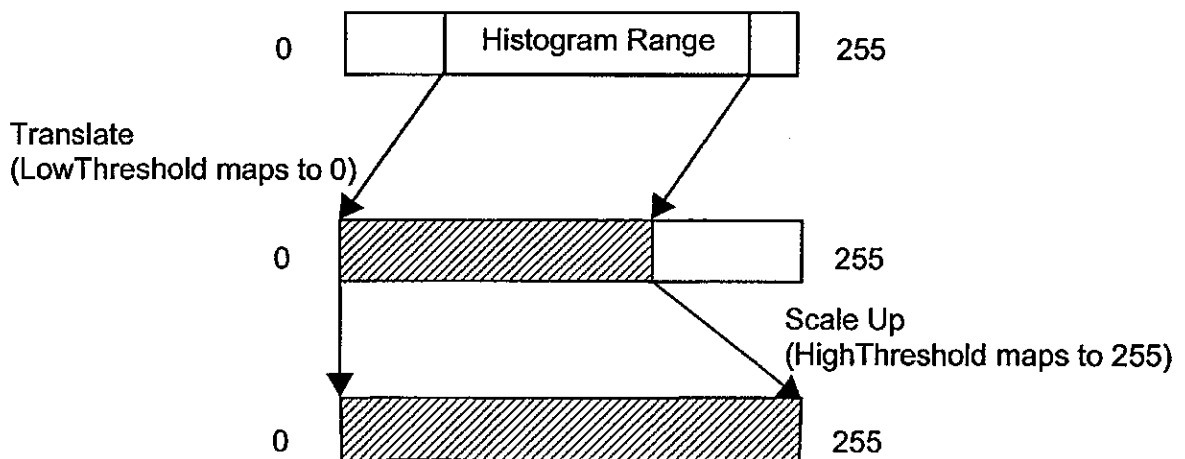


FIG. 20

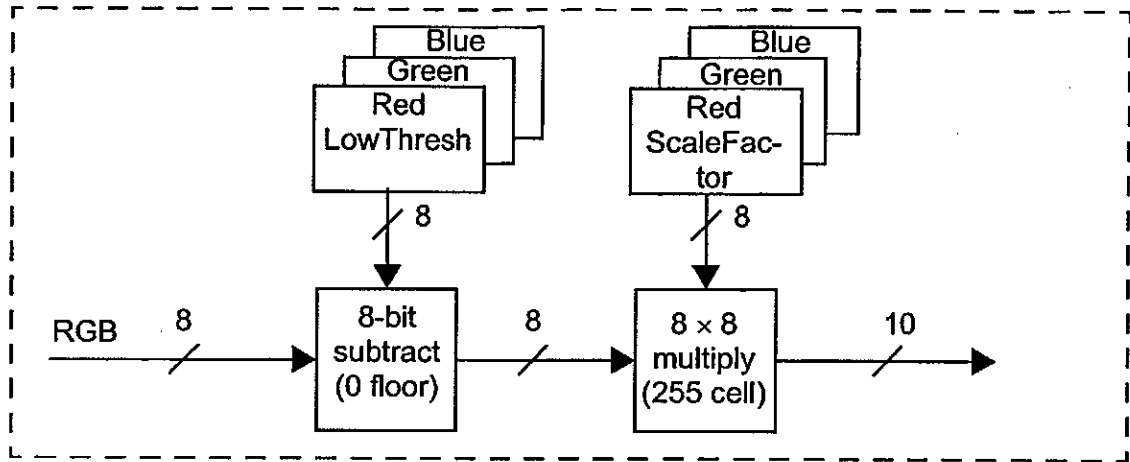


FIG. 21

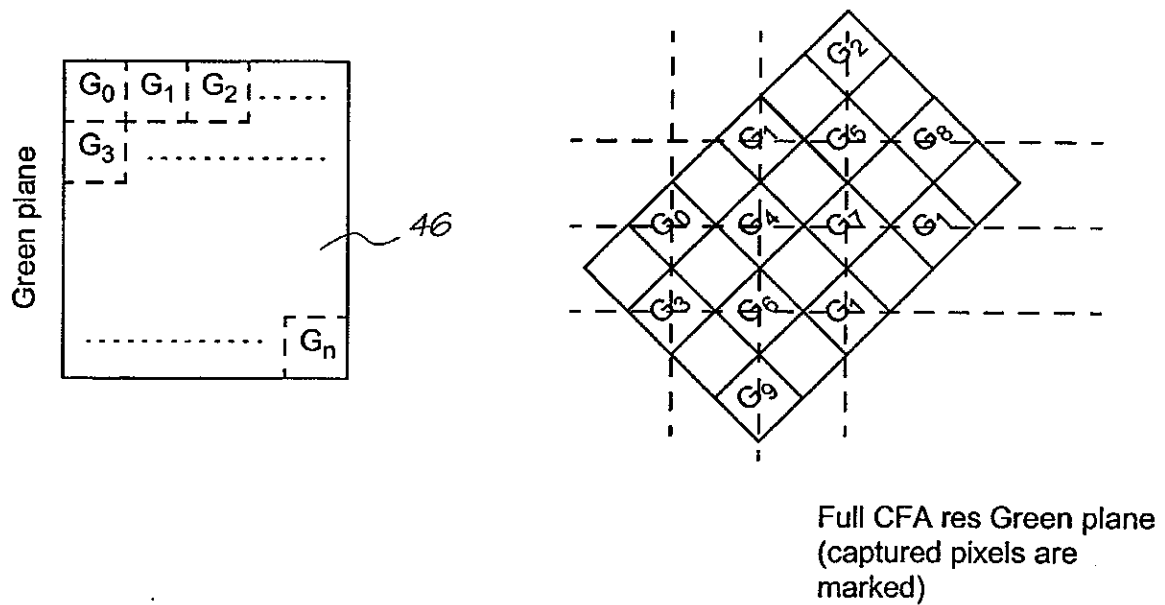


FIG. 23

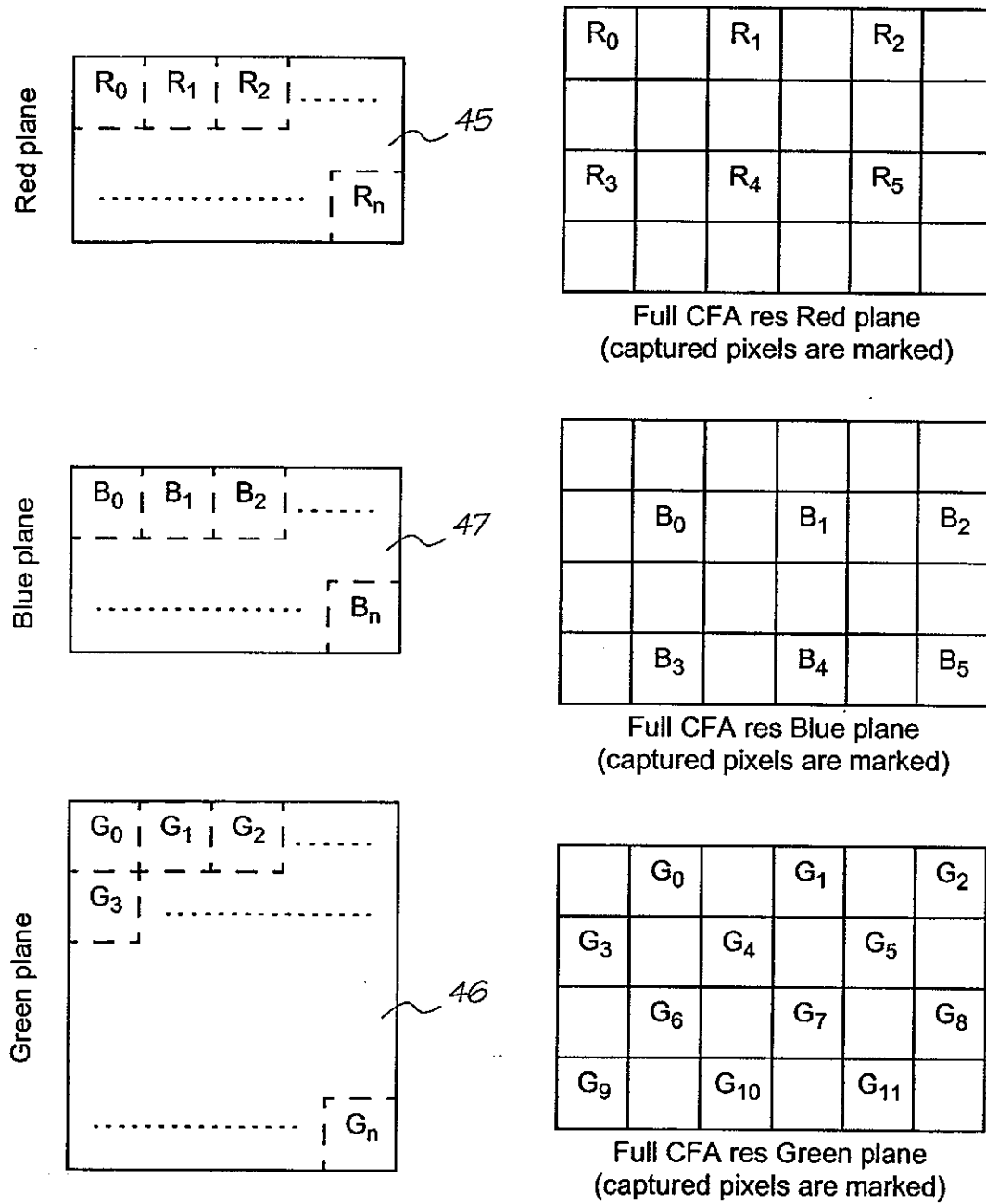


FIG. 22

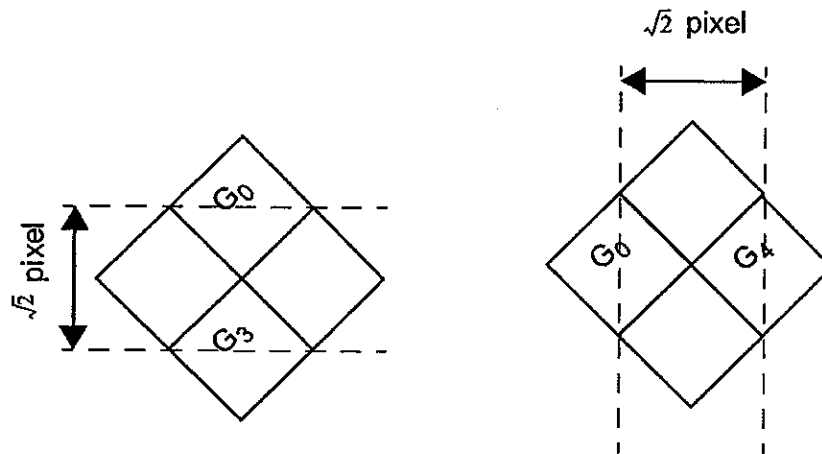


FIG. 24

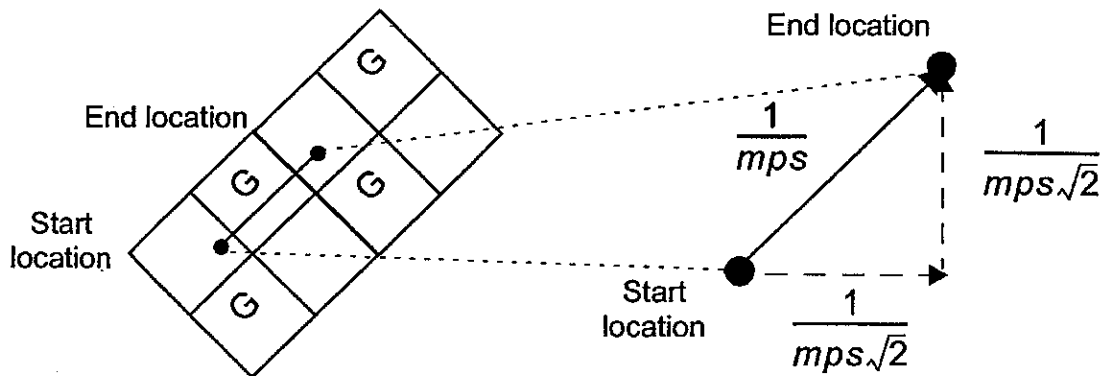


FIG. 25

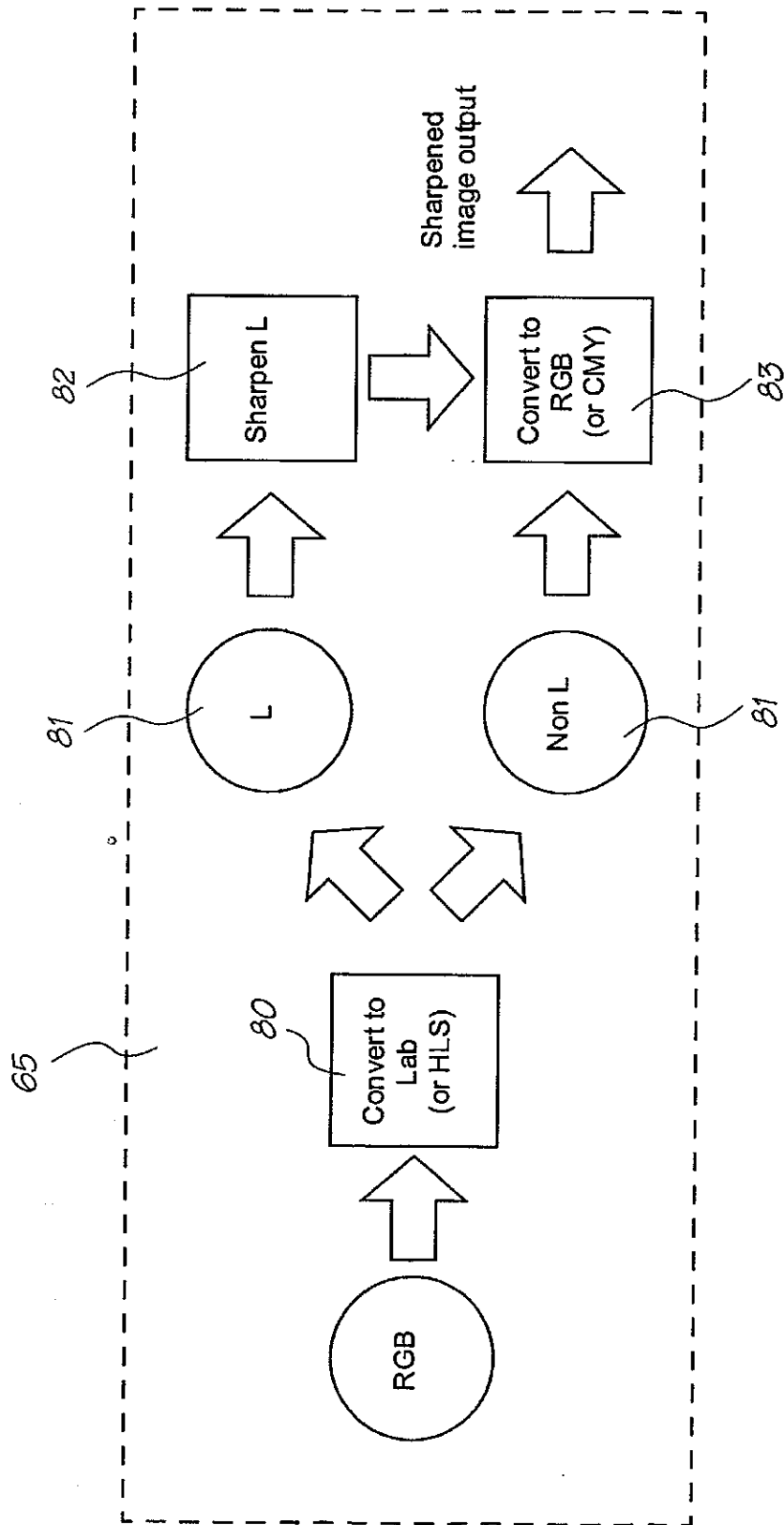


FIG. 26

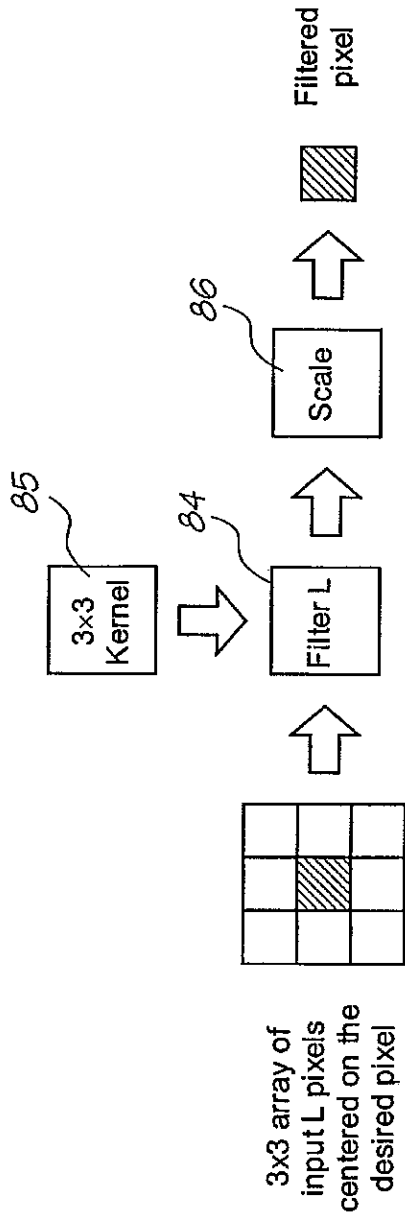


FIG. 27

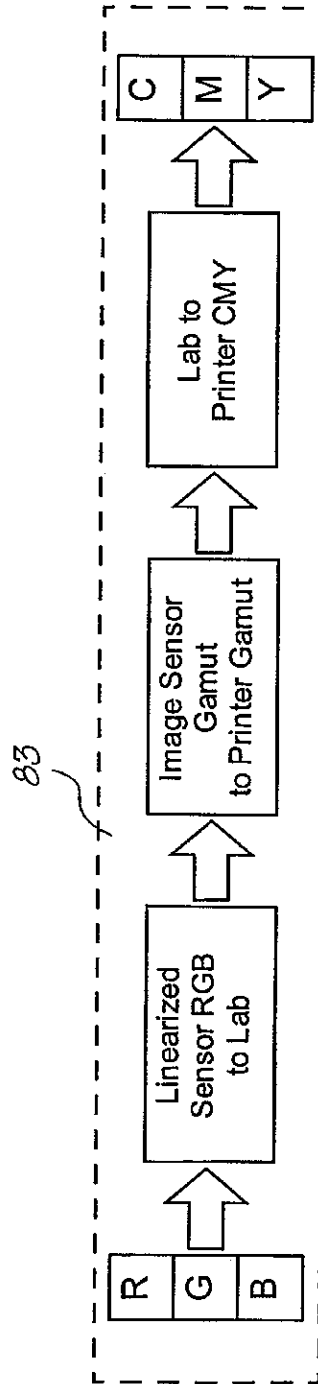


FIG. 28

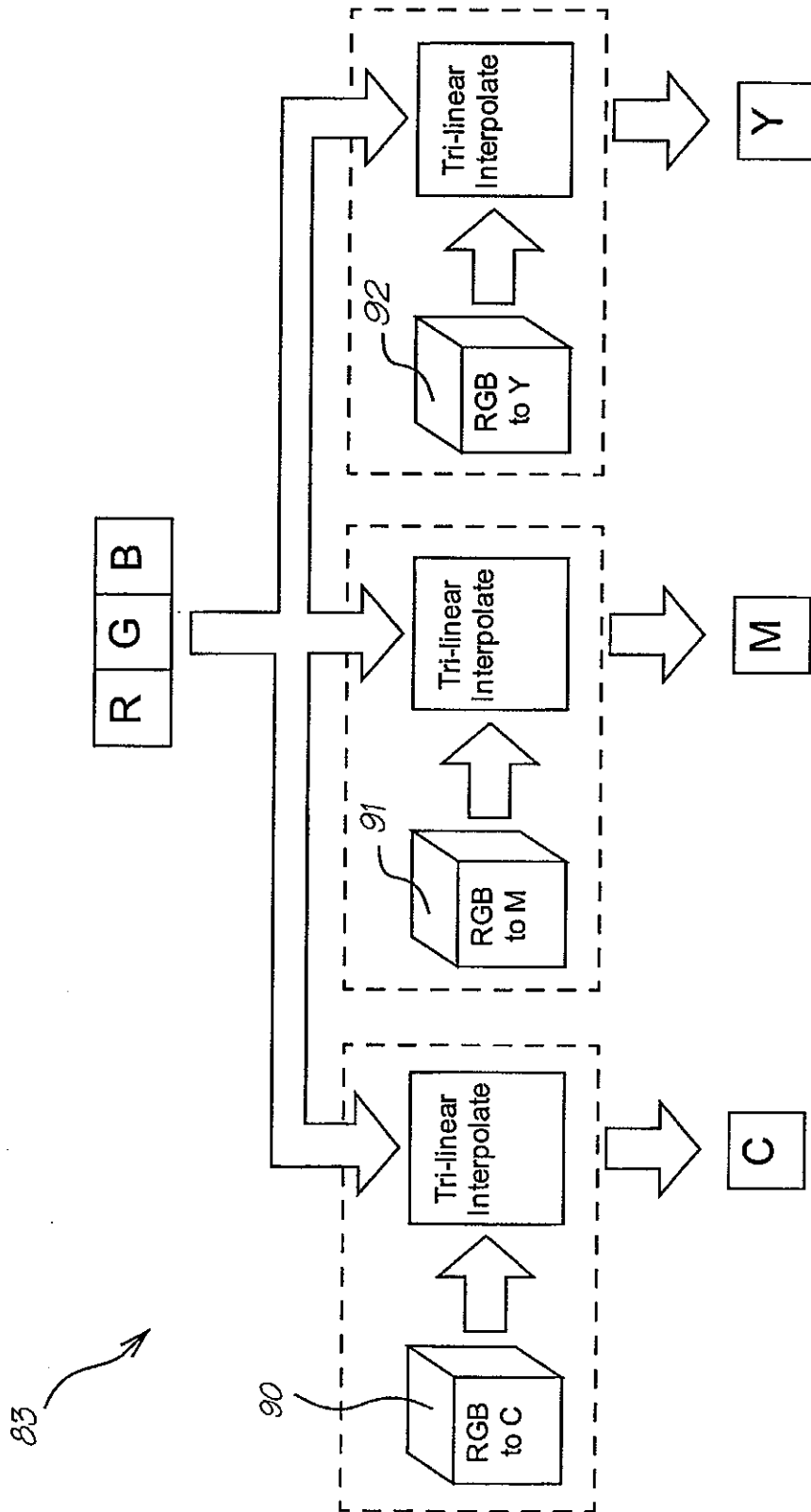


FIG. 29

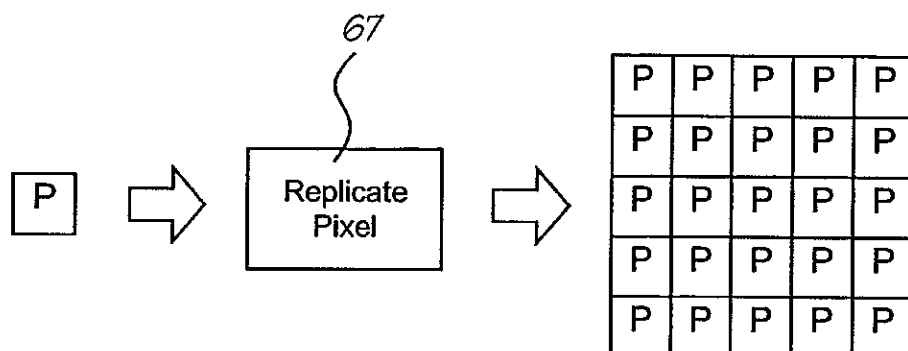


FIG. 30

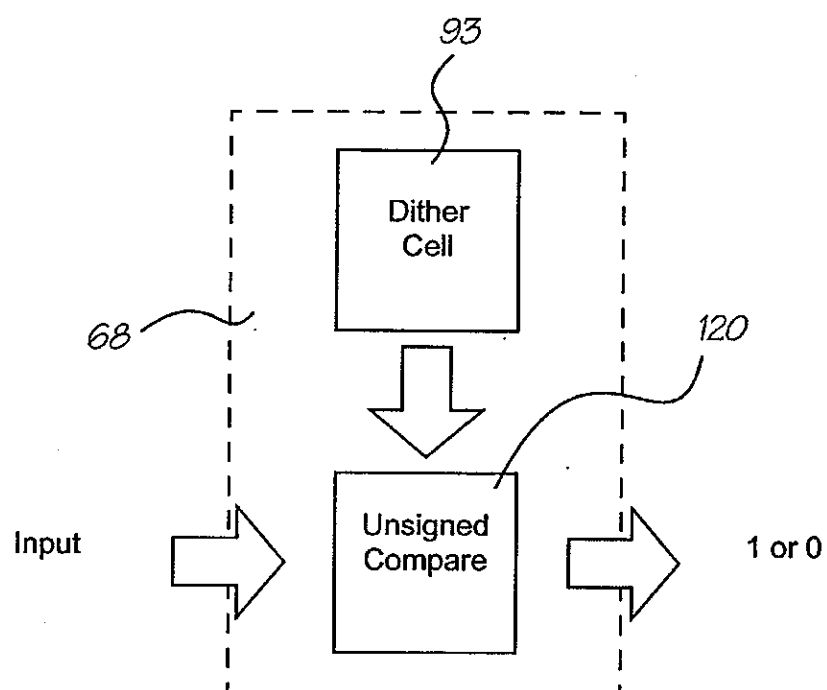


FIG. 31

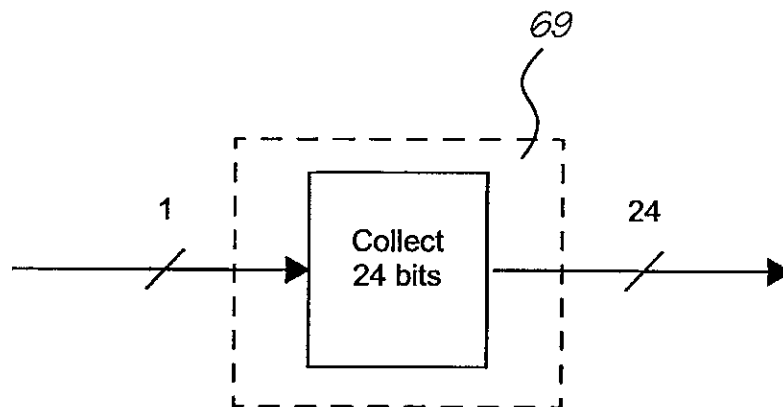


FIG. 32

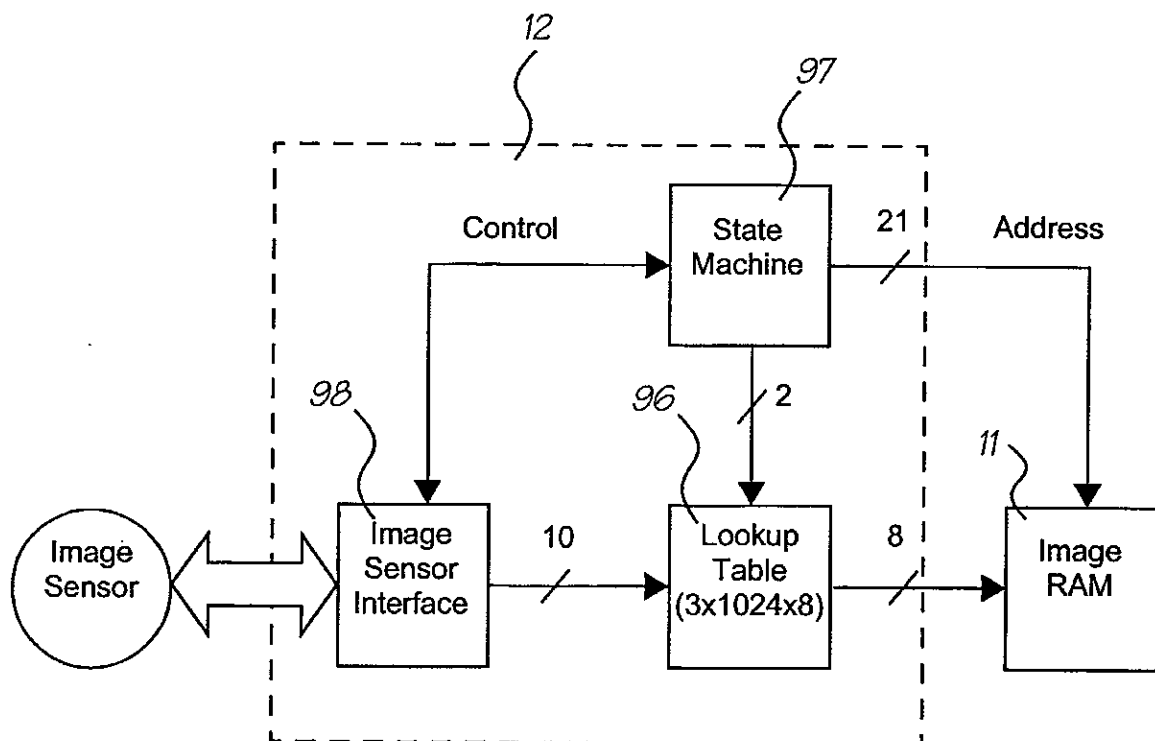


FIG. 33

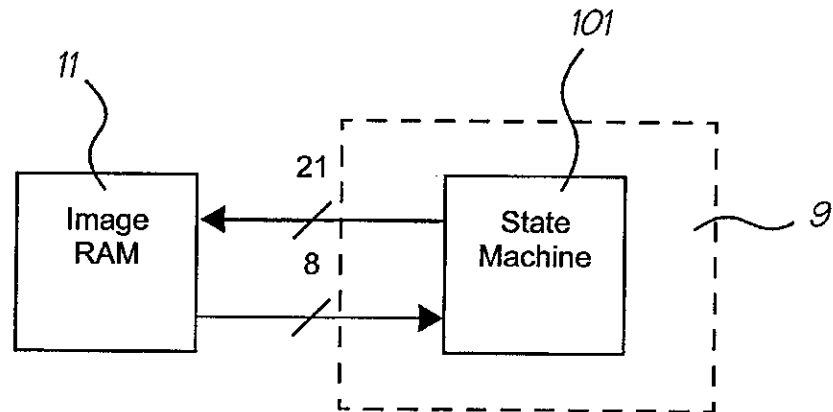


FIG. 35

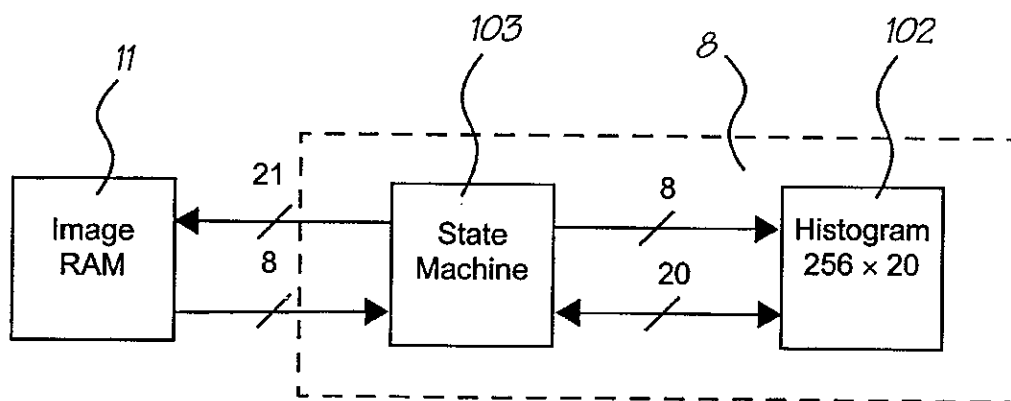


FIG. 36

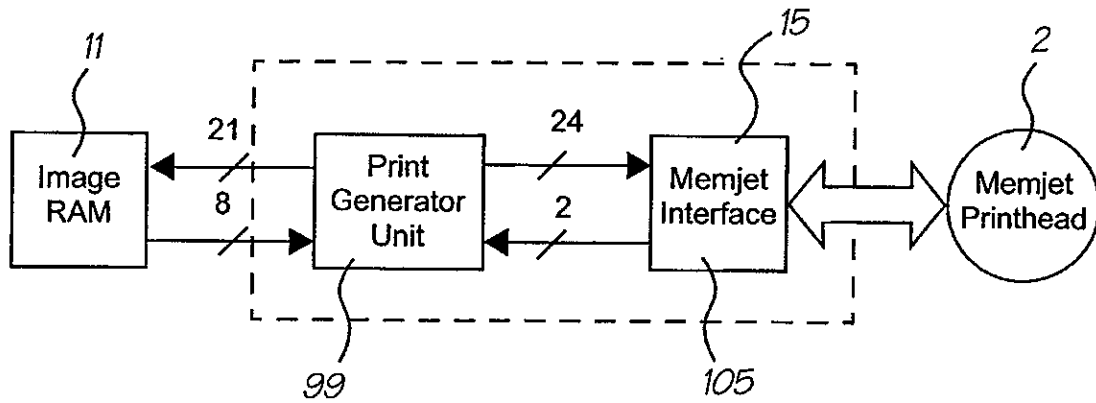


FIG. 37

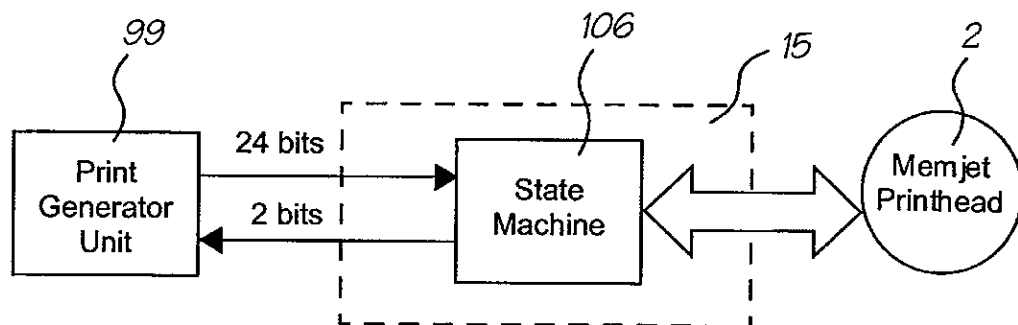


FIG. 38

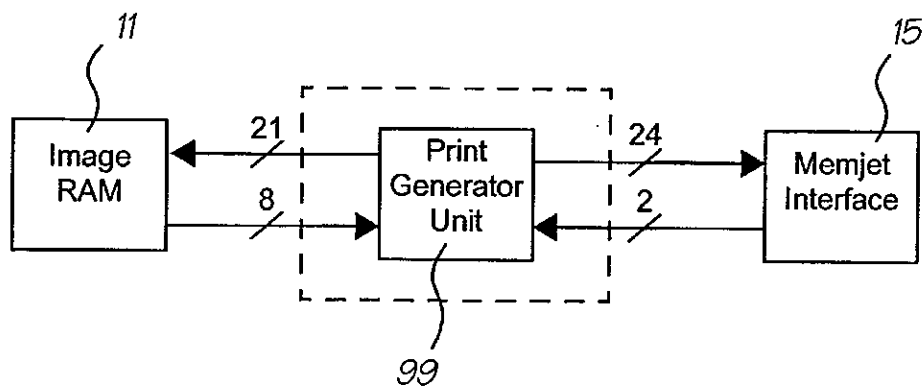


FIG. 41

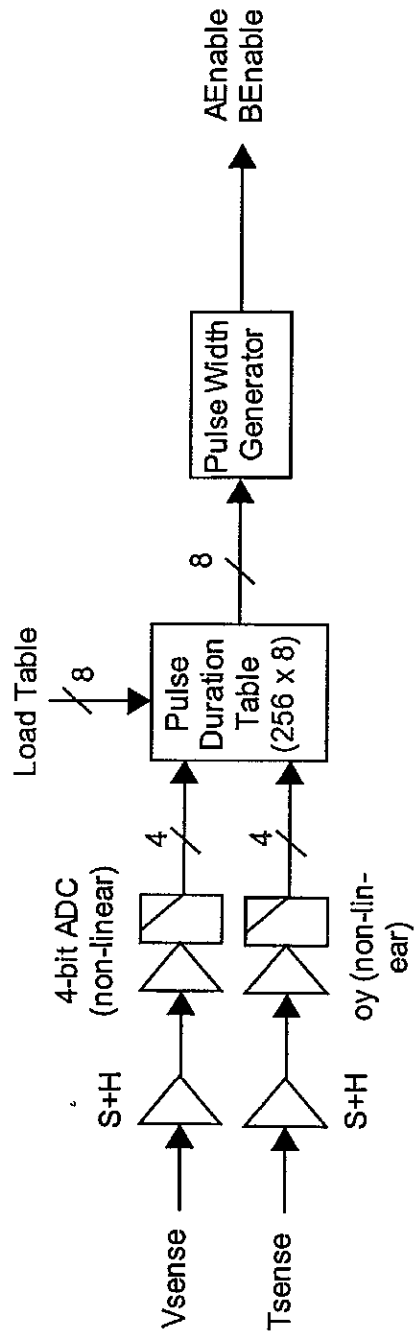


FIG. 39

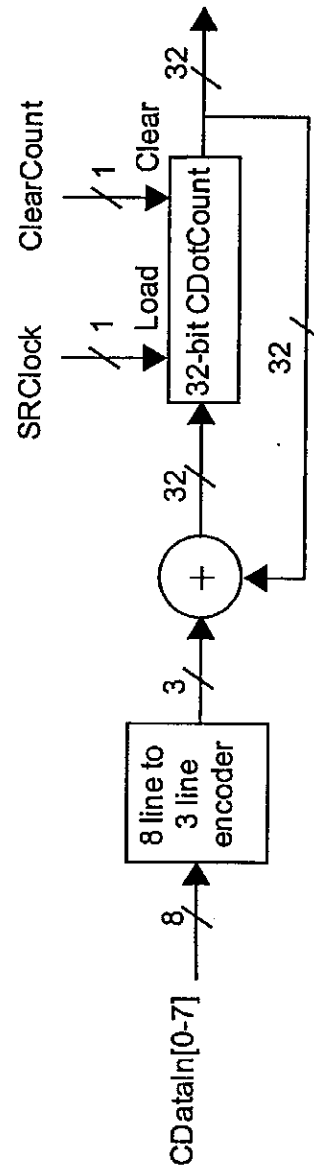


FIG. 40

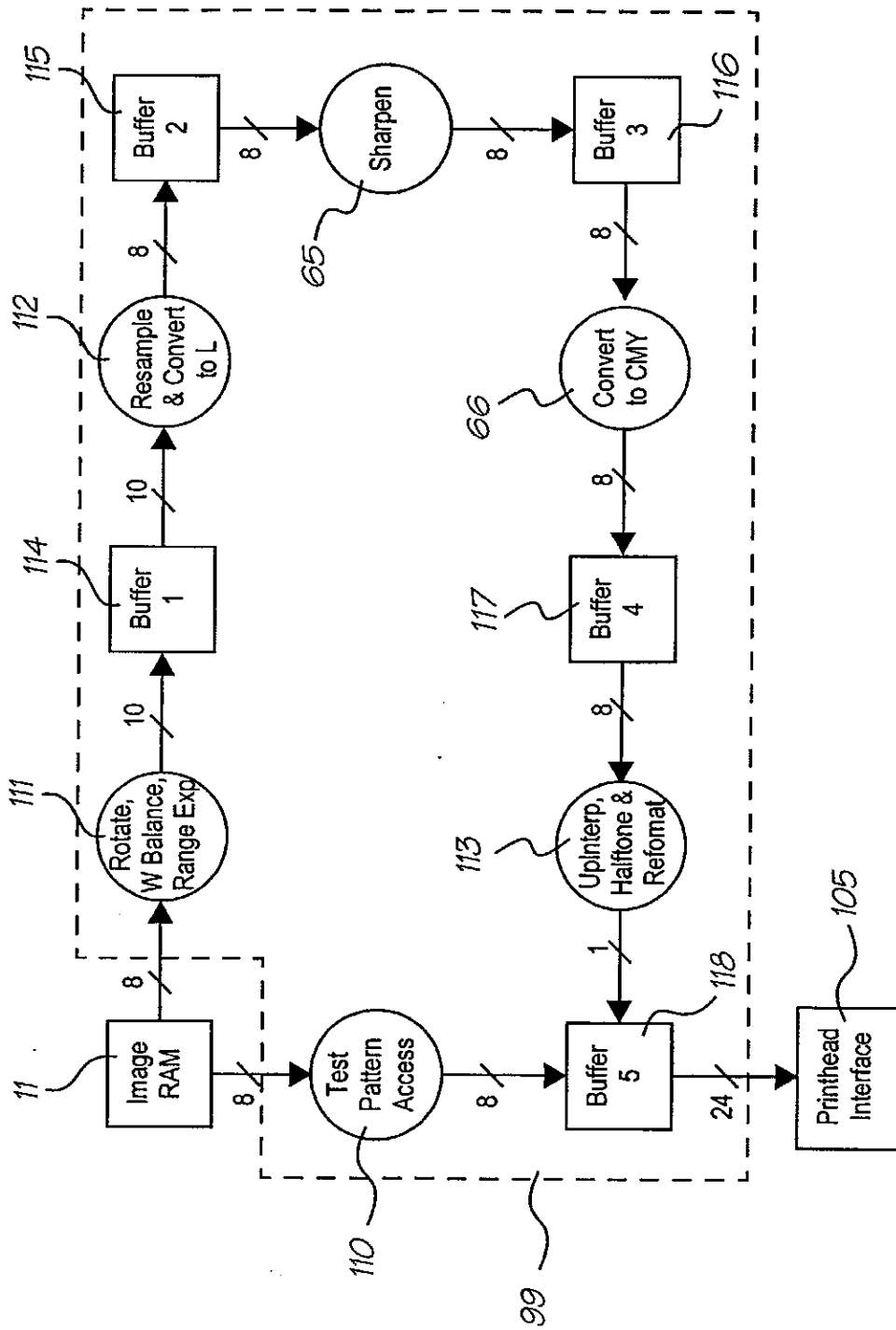


FIG. 42

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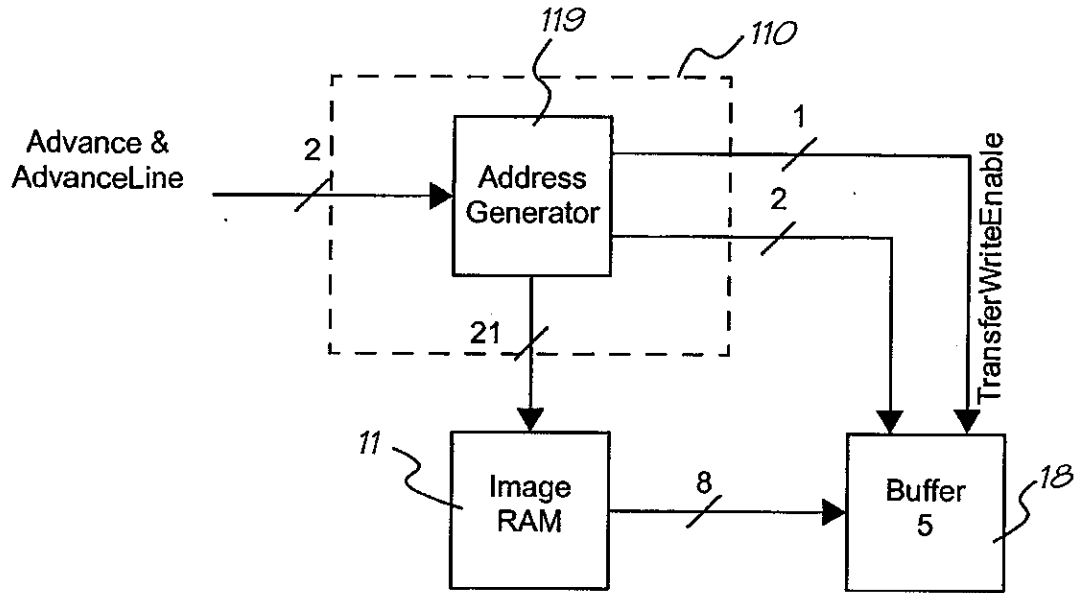


FIG. 43

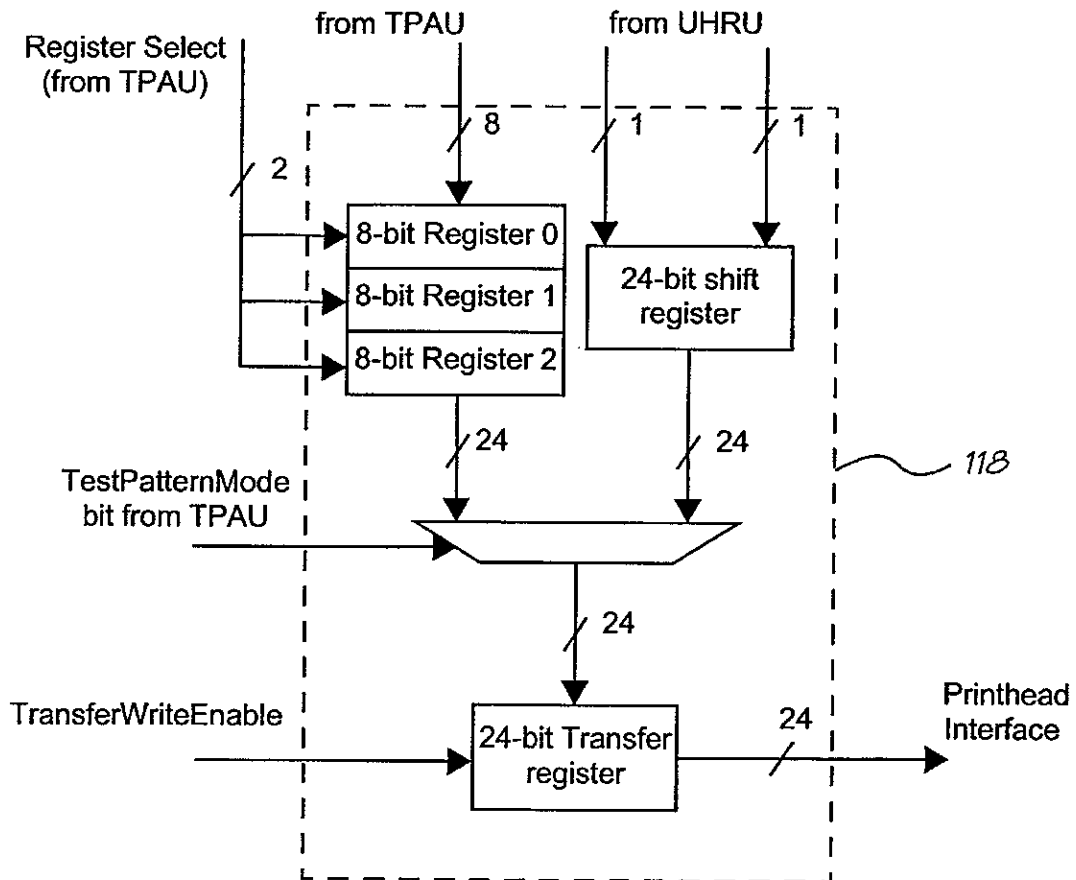


FIG. 44

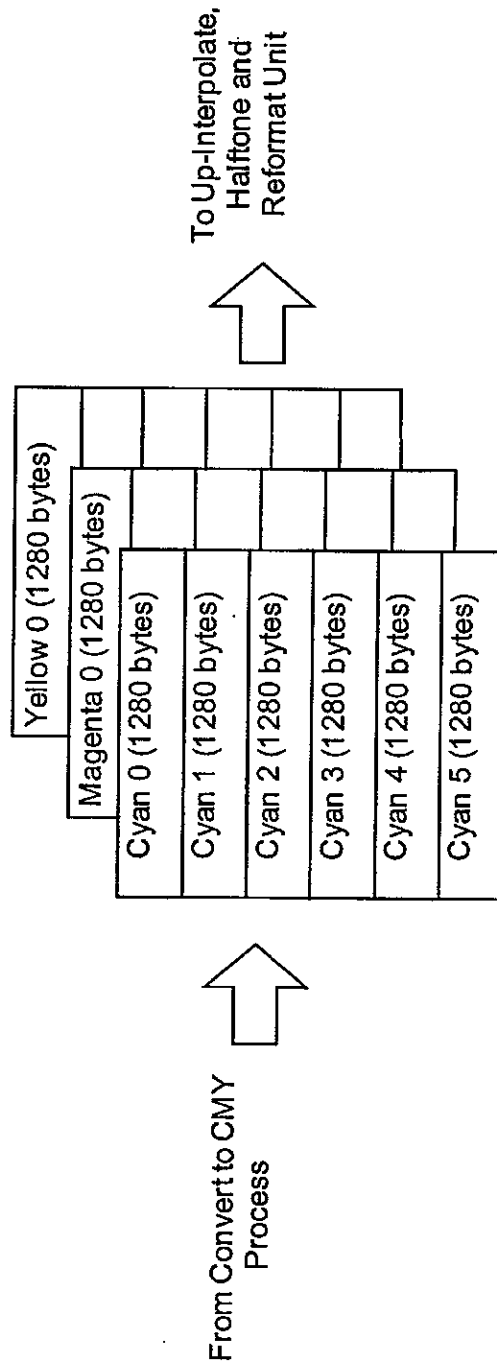


FIG. 45

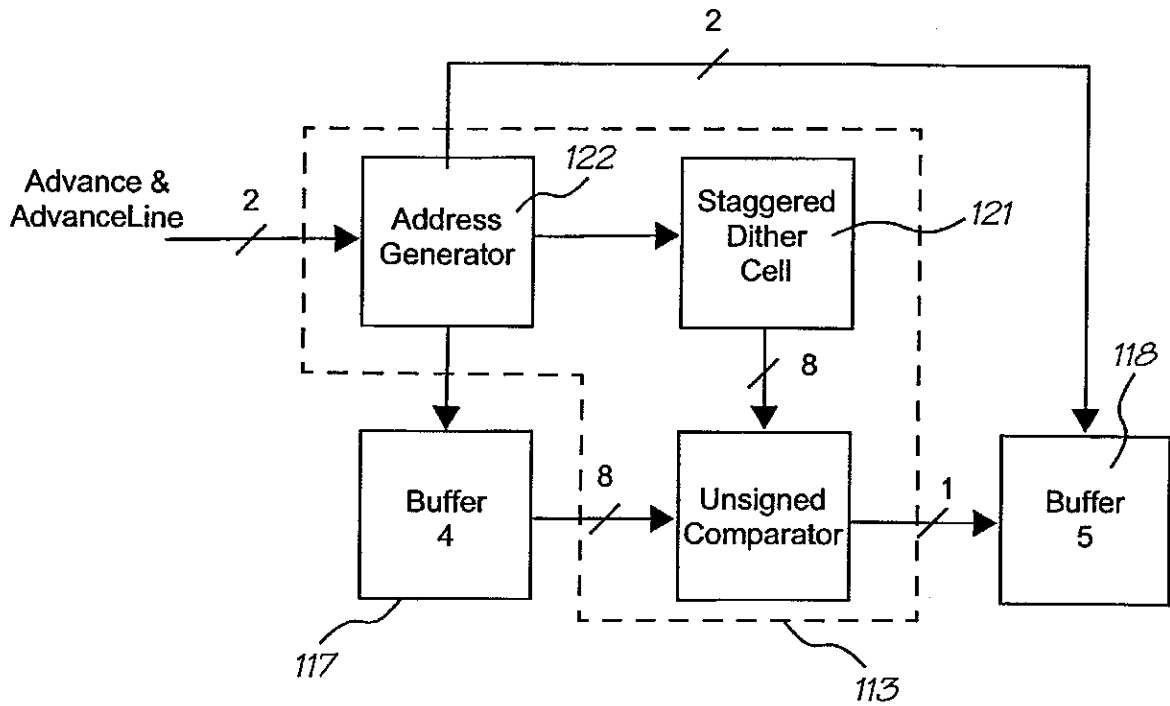


FIG. 46

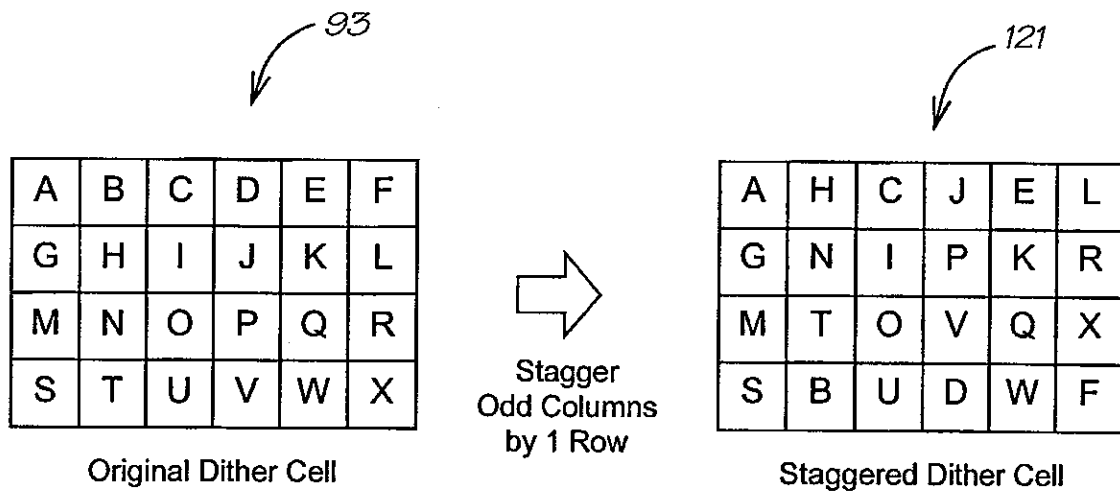


FIG. 47

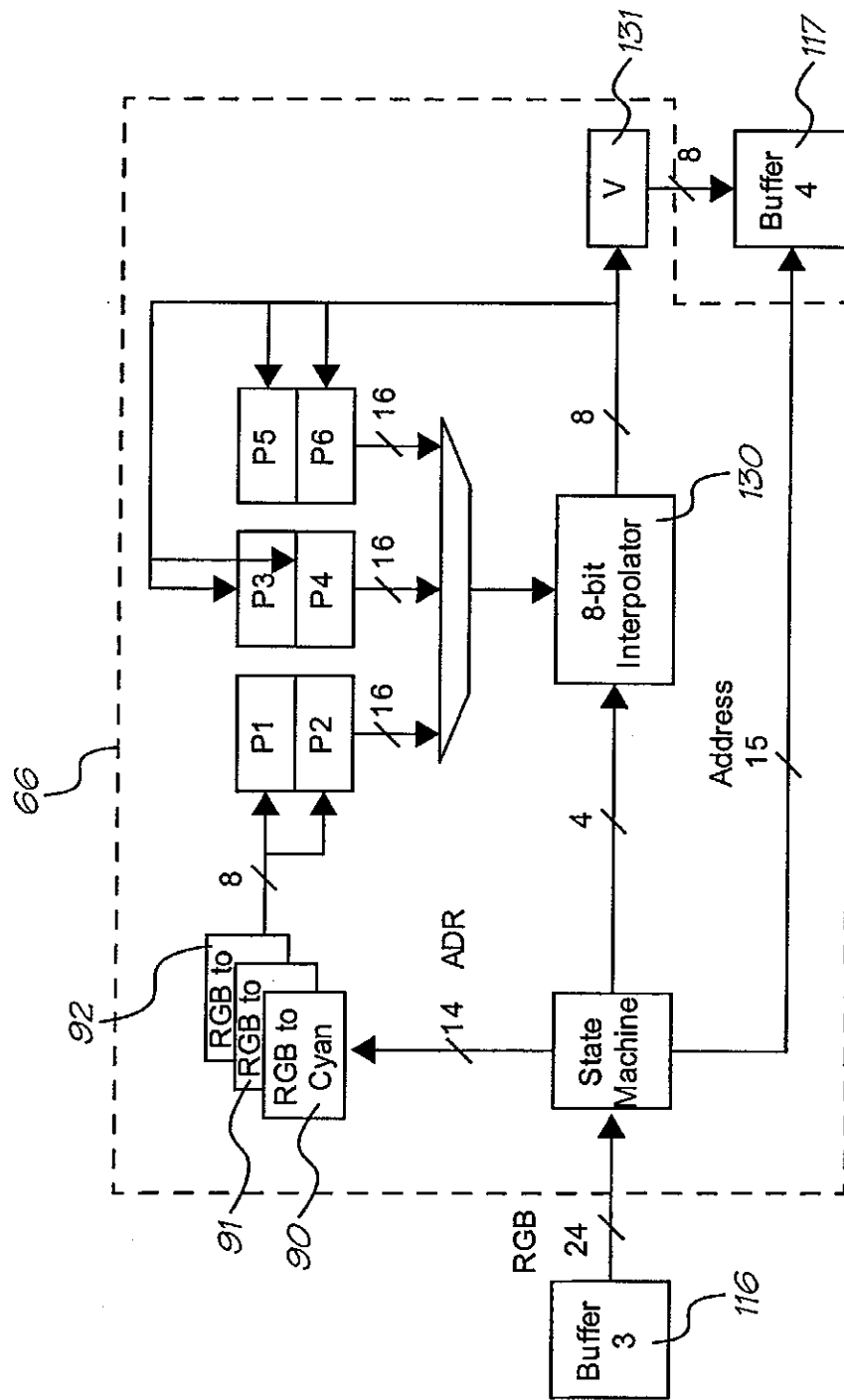


FIG. 48

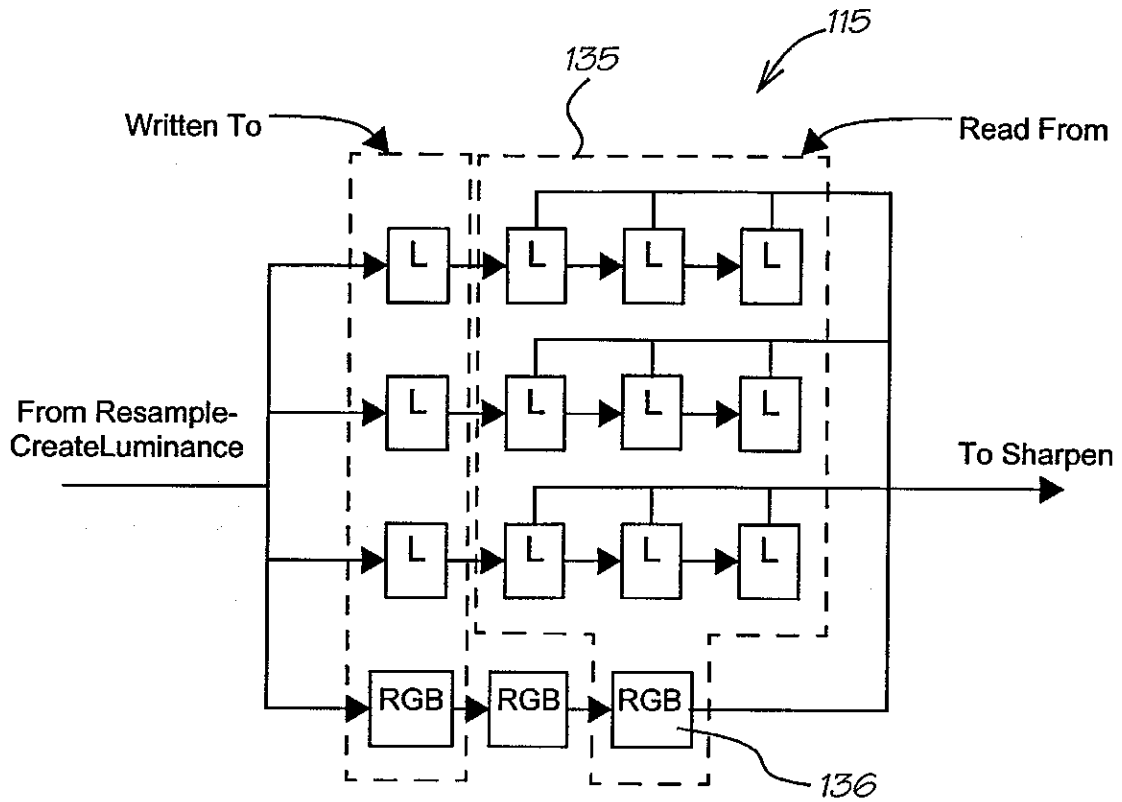


FIG. 49

 $\frac{1}{9} \times$

-1	-1	-1
-1	8	-1
-1	-1	-1

FIG. 50

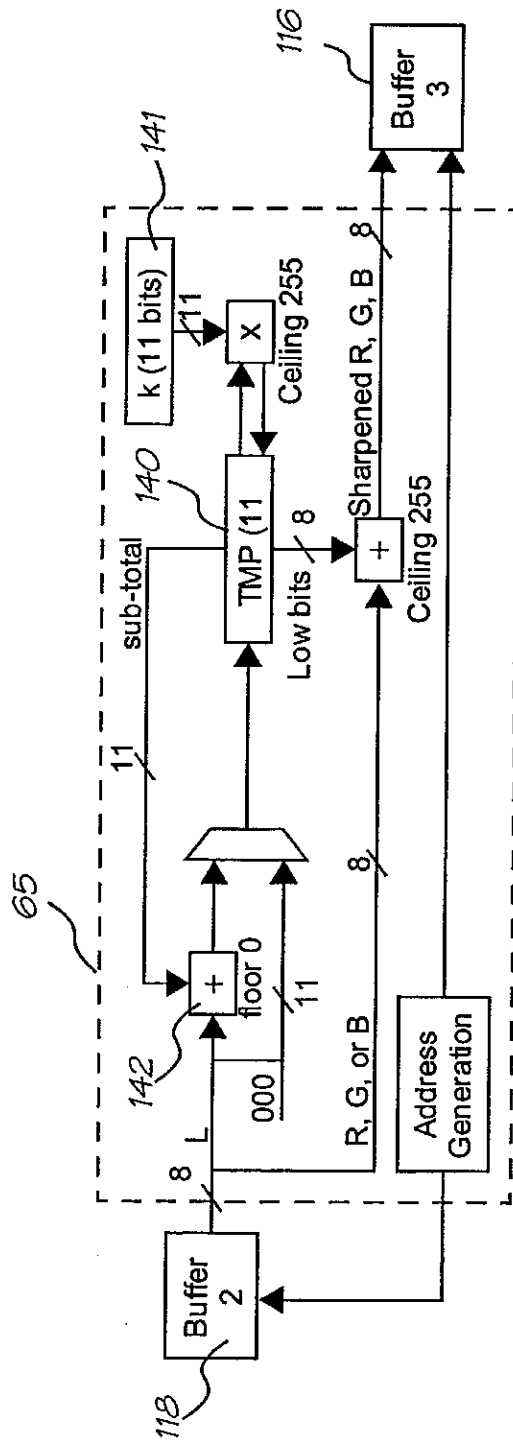


FIG. 51

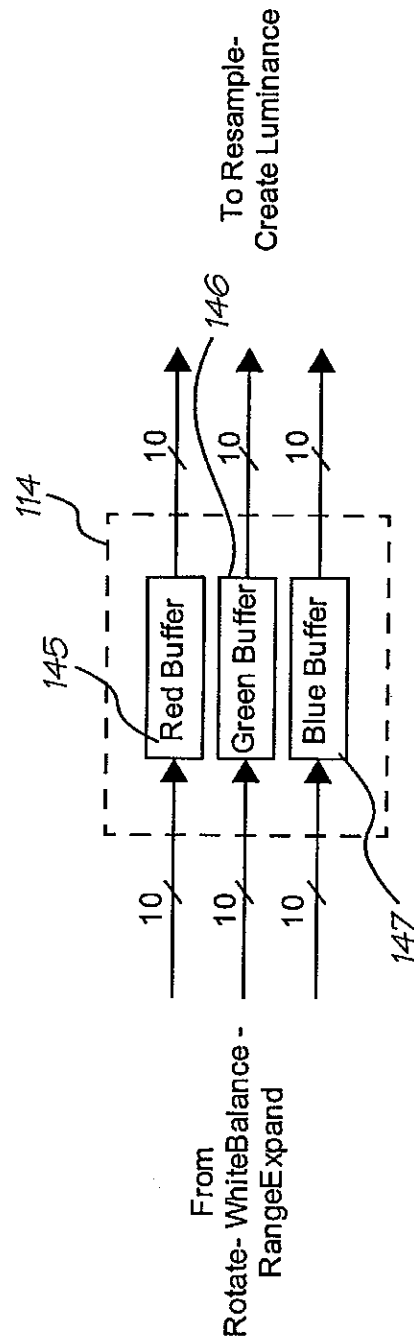


FIG. 52

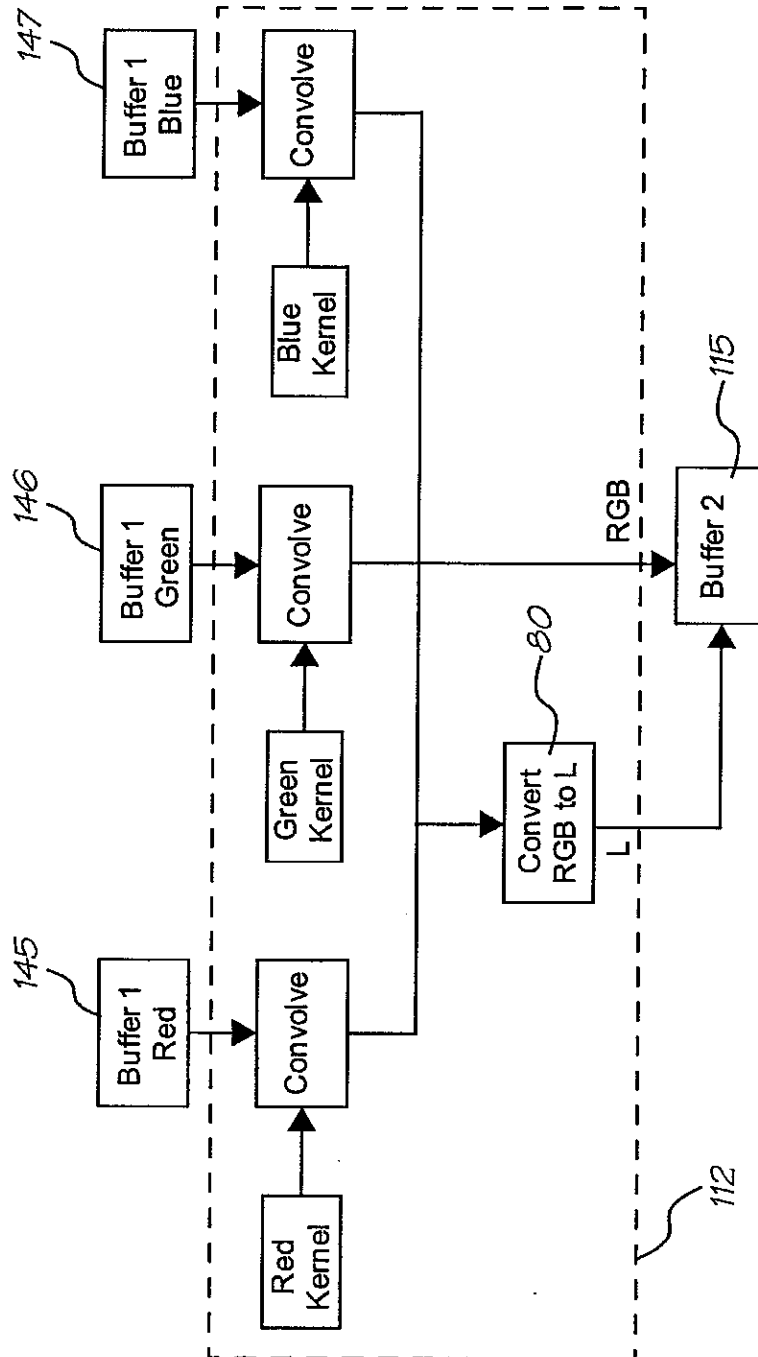


FIG. 53

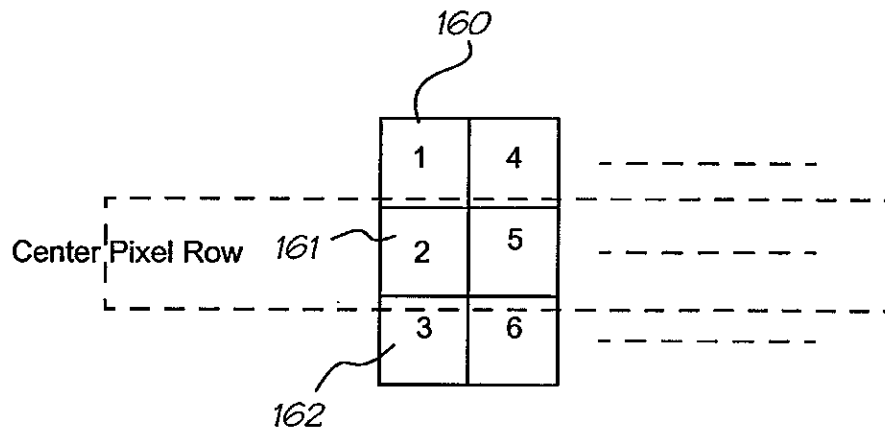


FIG. 55

0	13	26	39	52	65
1	14	27	40	53	66
10	23	36	49	62	75
11	24	37	50	63	76
12	25	38	51	64	77

FIG. 57

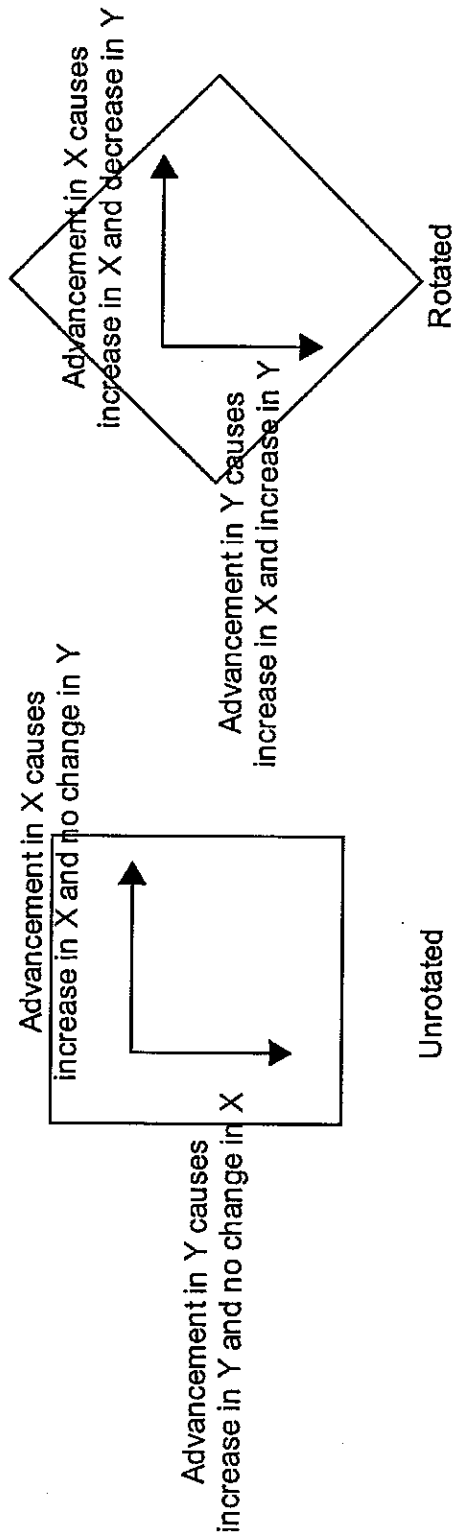


FIG. 56

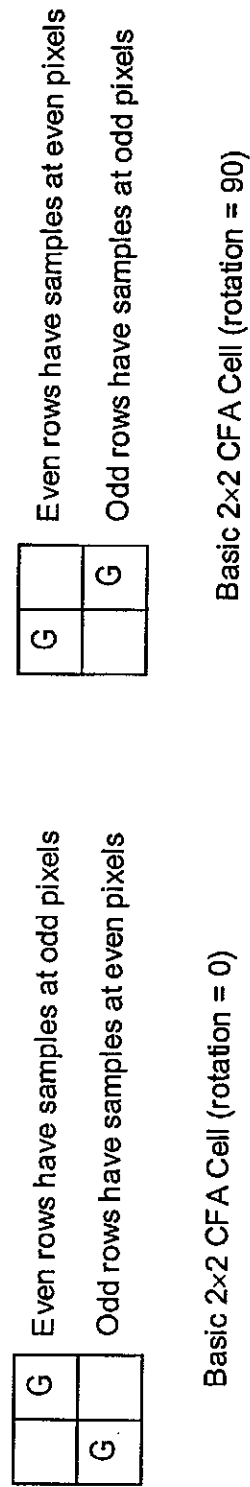
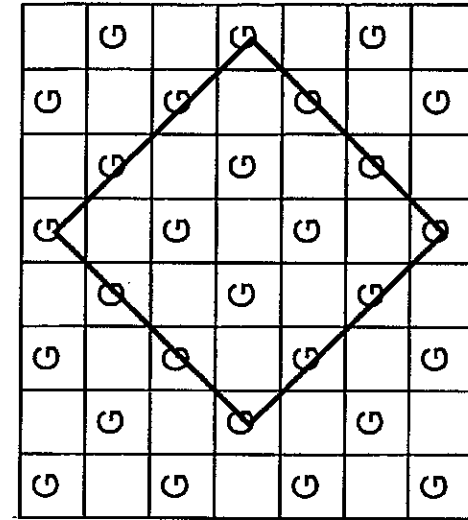
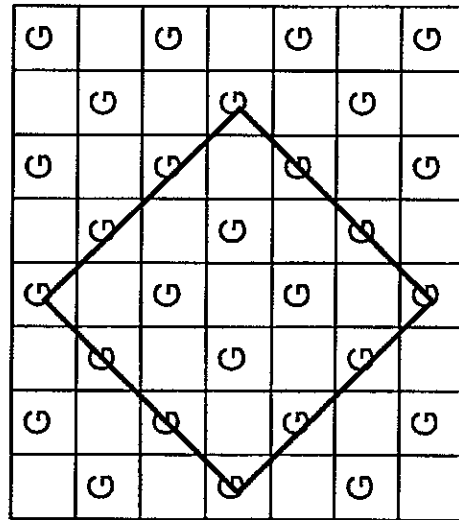


FIG. 58



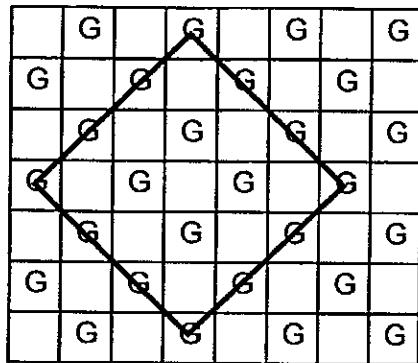
4x4 sampling Green sampling Type 2



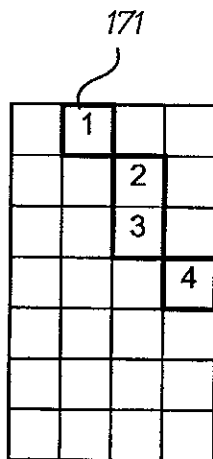
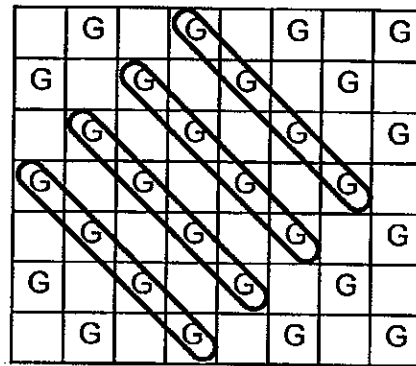
4x4 green sampling Type 1

Odd row (3)

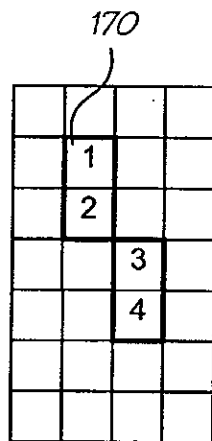
FIG. 59



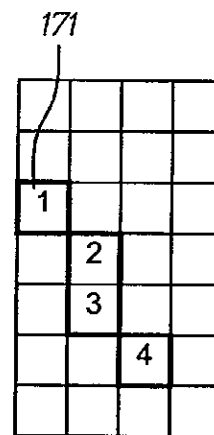
4x4 green sampling Type 1



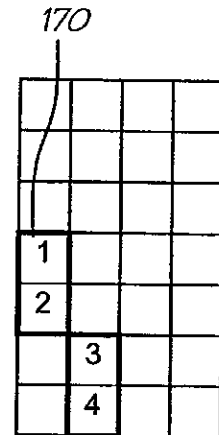
Row 1



Row 2

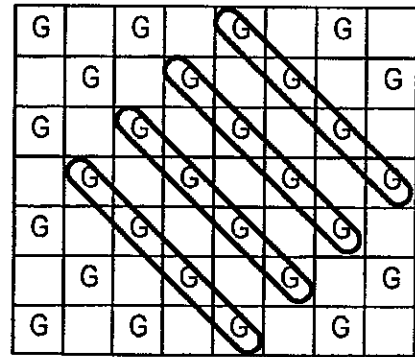
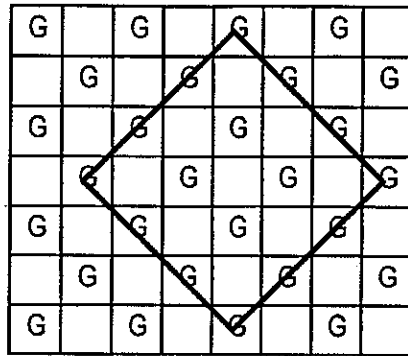


Row 3

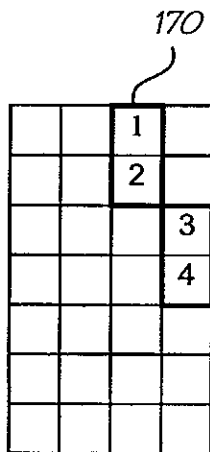


Row 4

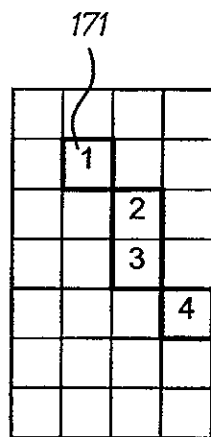
FIG. 60



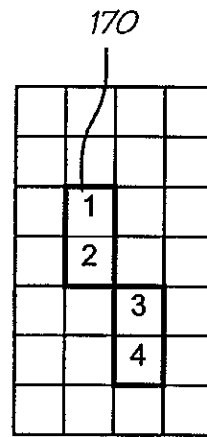
4x4 green sampling Type 2



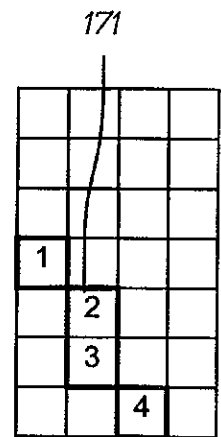
Row 1



Row 2



Row 3



Row 4

FIG. 61

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1	
2	
	3
	4

Type A ~ 170

1		
	2	
	3	
		4

Type B ~ 171

FIG. 62

0	6	12	18	24	30
1	7	13	19	25	31
2	8	14	20	26	32
3	9	15	21	27	33
4	10	16	22	28	34
5	11	17	23	29	35

FIG. 63

1	2	3	4		
5	6	7	8		
9	10	11	12		
13	14	15	16		

FIG. 64

1	2	3	4	
5	6	7	8	
9	10	11	12	
13	14	15	16	

16 samples read for 3rd Pixel

1	2	3	4	
5	6	7	8	
9	10	11	12	
13	14	15	16	

16 samples read for 2nd Pixel

1	2	3	4	
5	6	7	8	
9	10	11	12	
13	14	15	16	

16 samples read for 1st Pixel)

FIG. 65

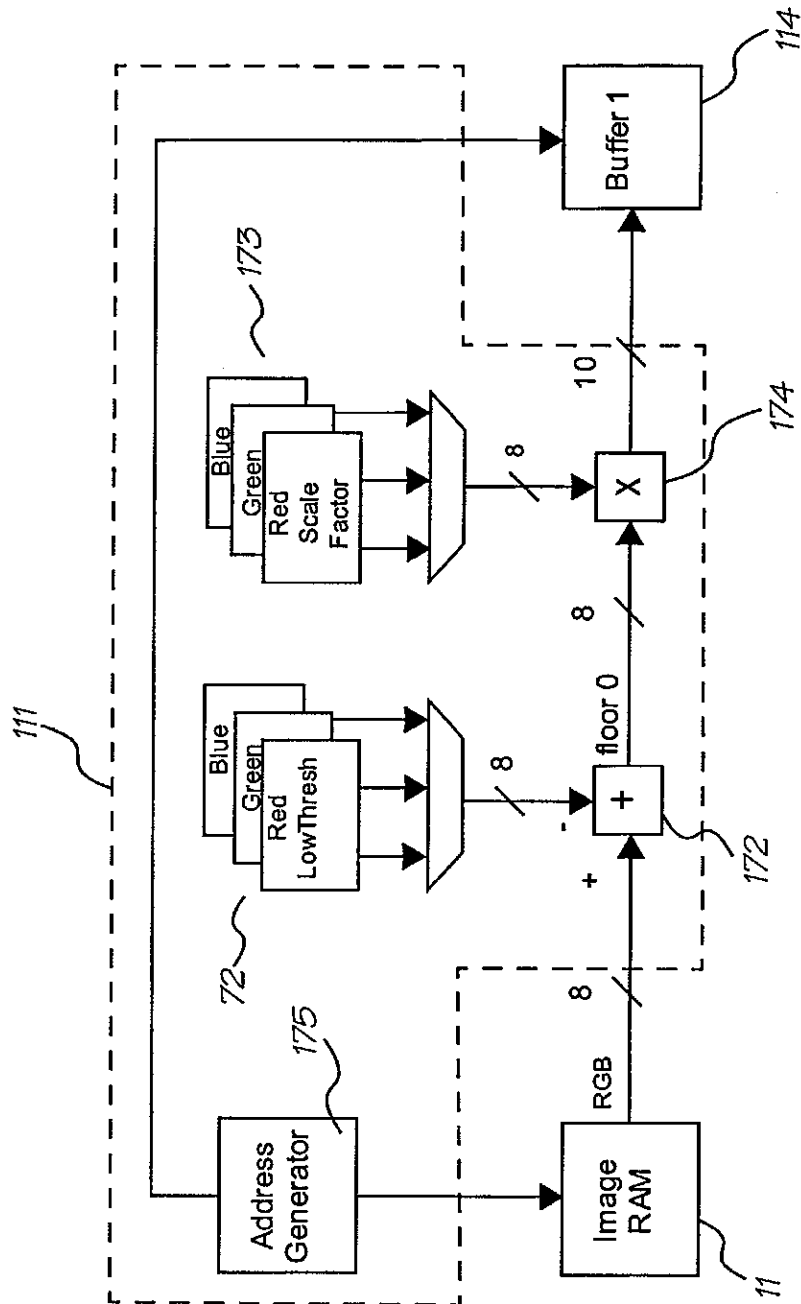


FIG. 66

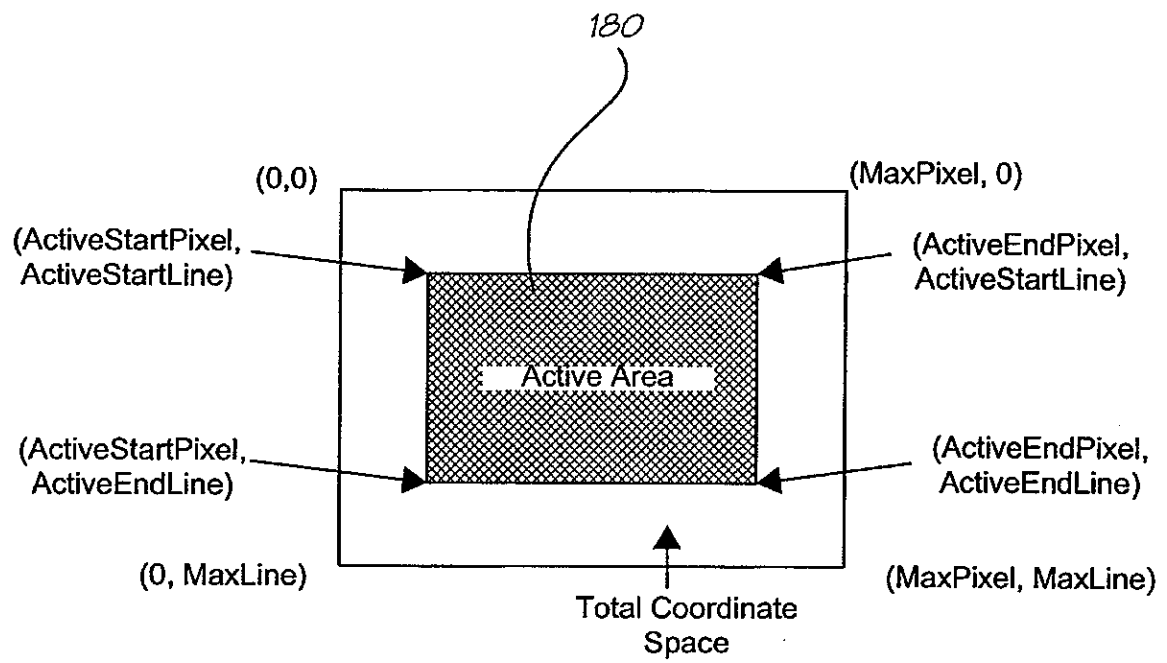


FIG. 67