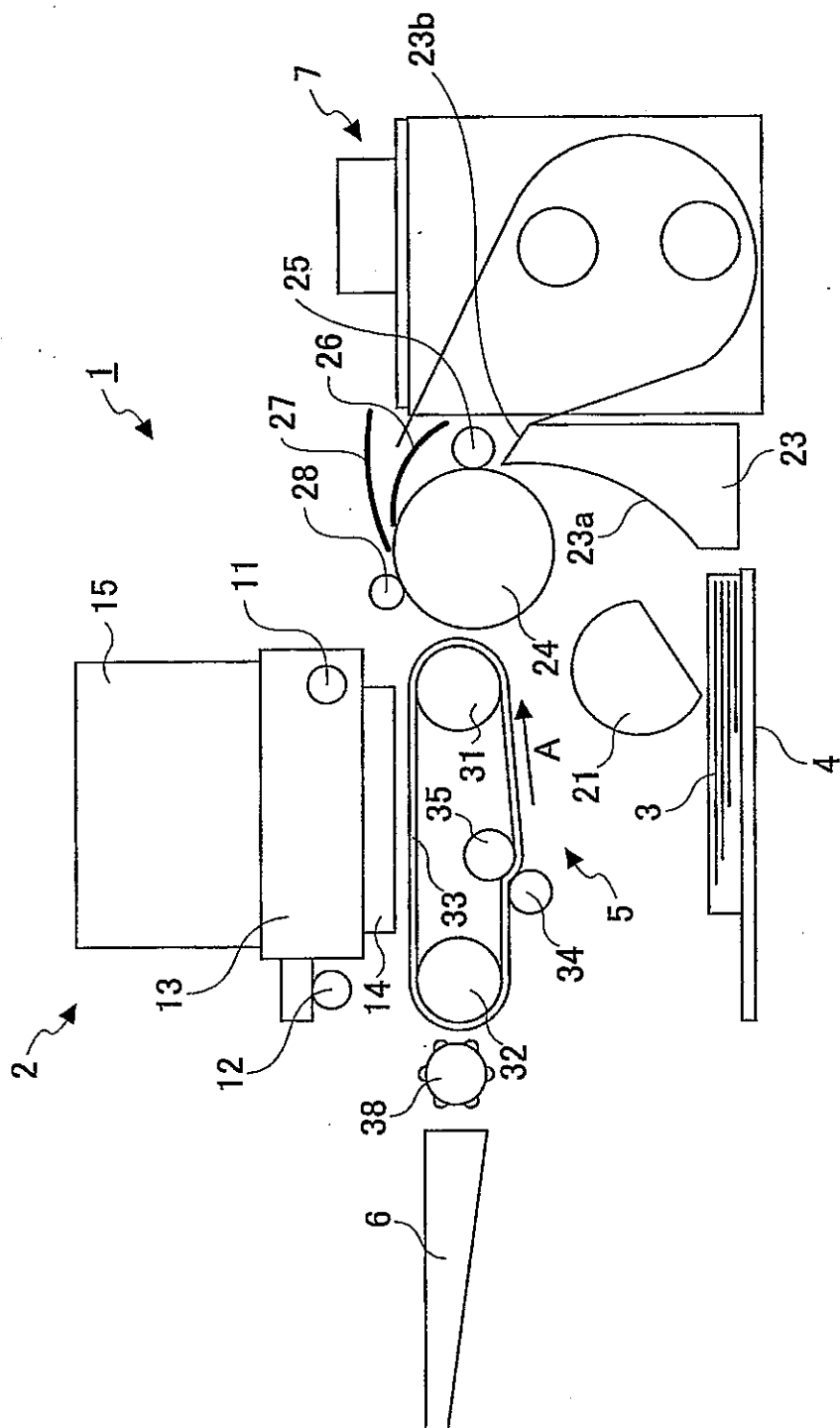
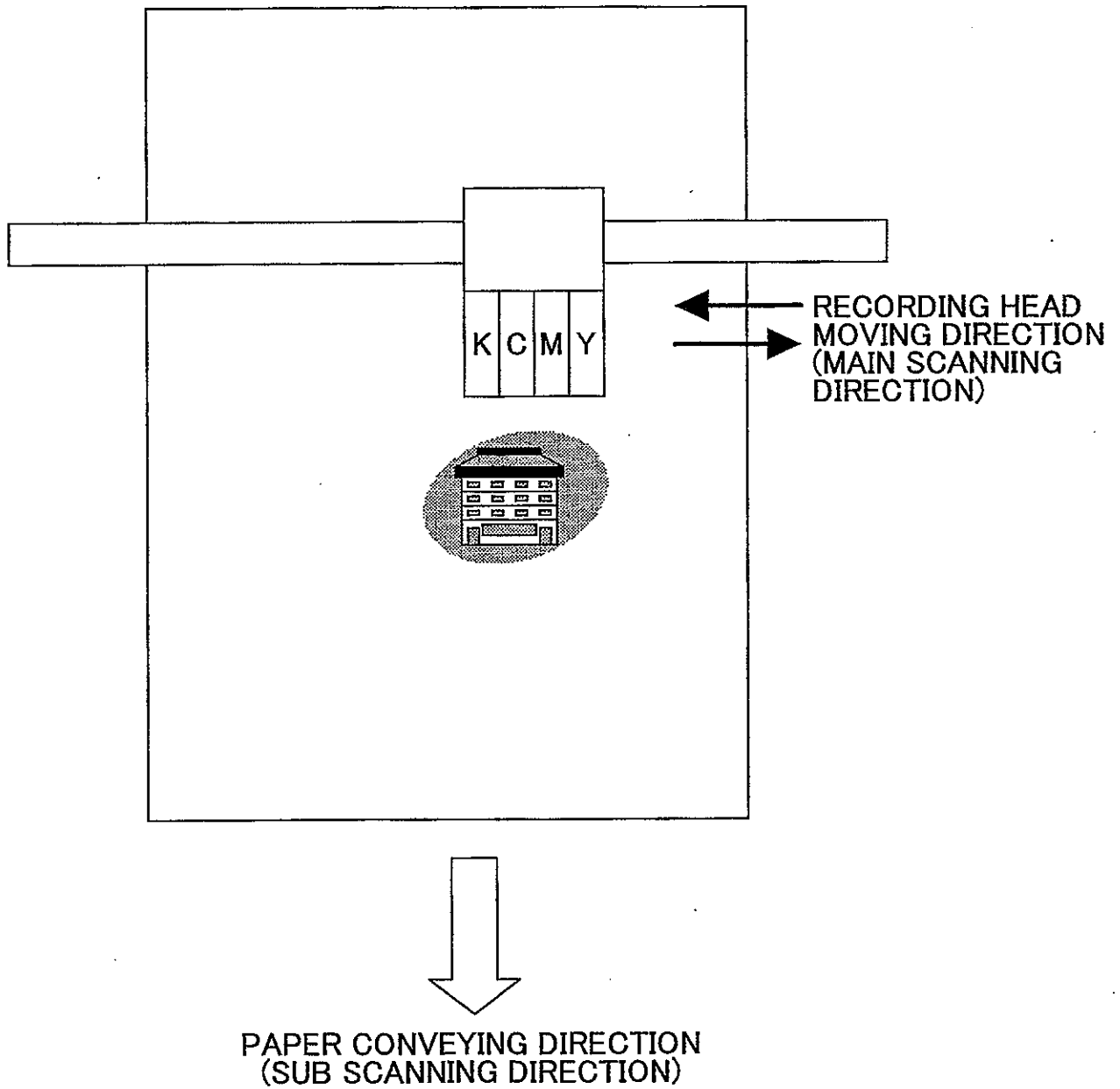


FIG. 1



2/15

FIG.2



3/15

FIG.3

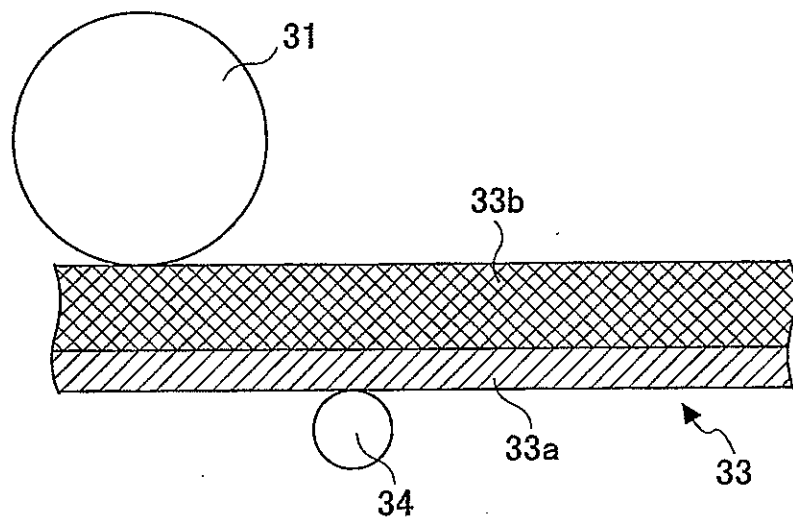


FIG.4

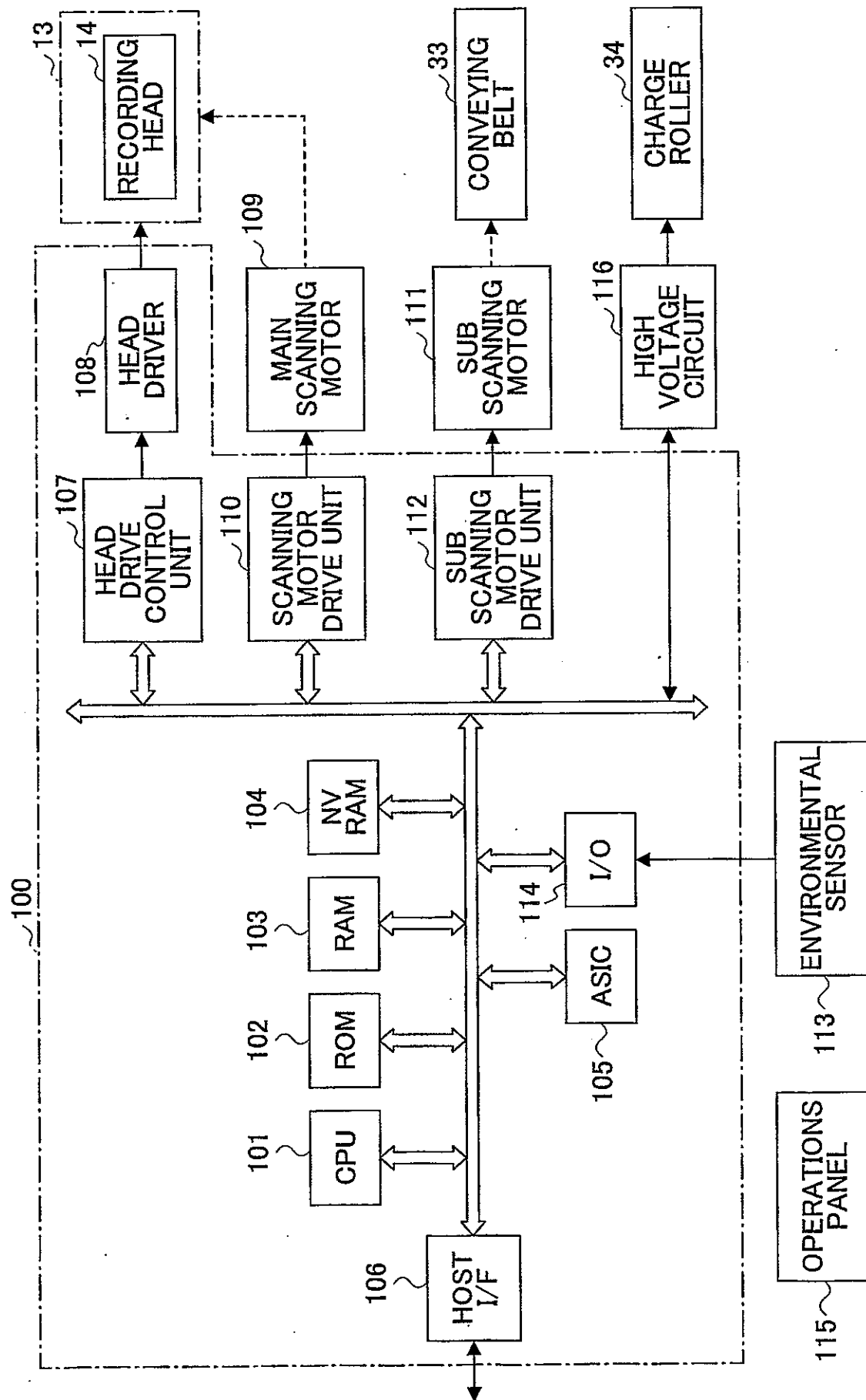
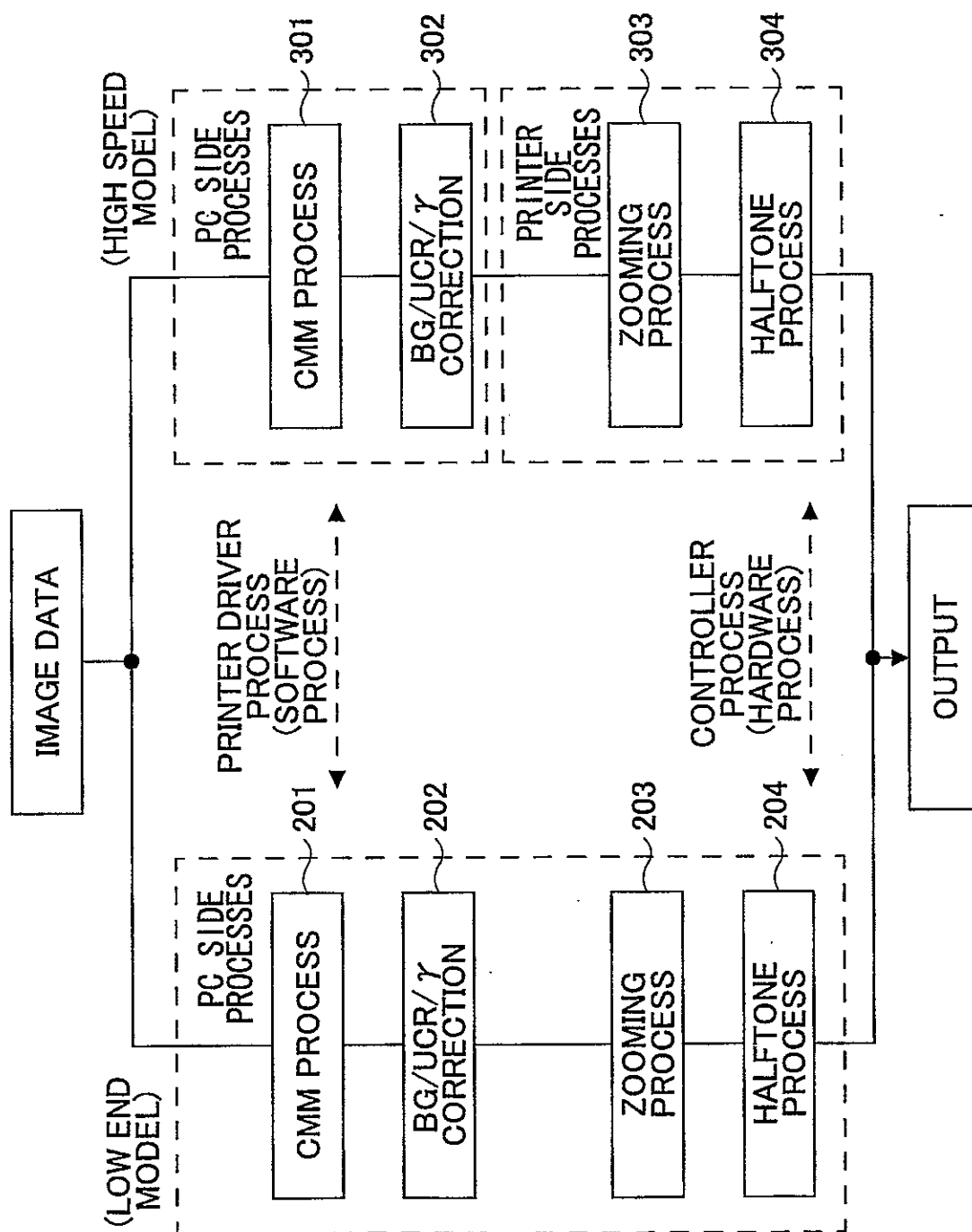
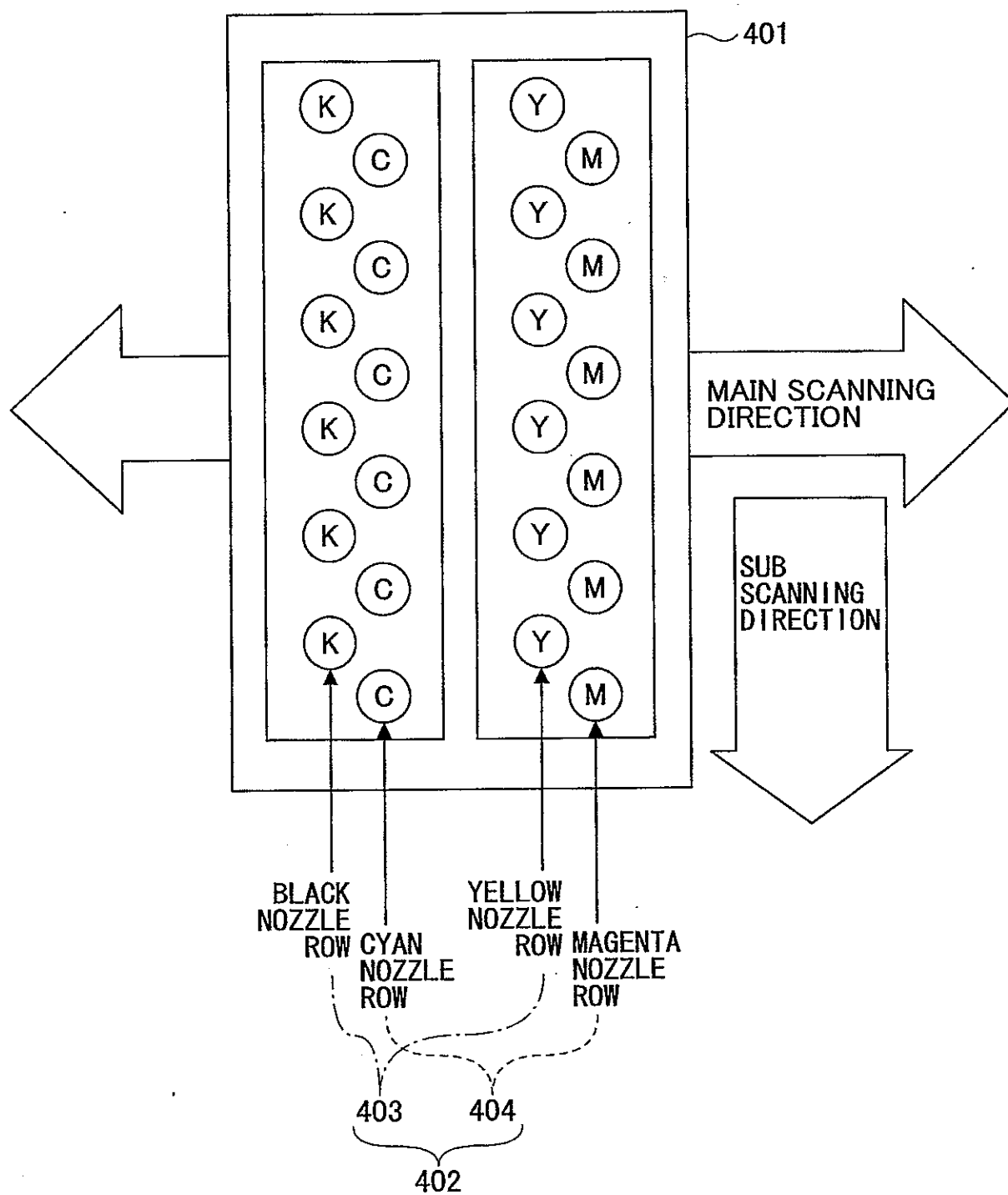


FIG.5



6/15

FIG.6



7/15

FIG.7A

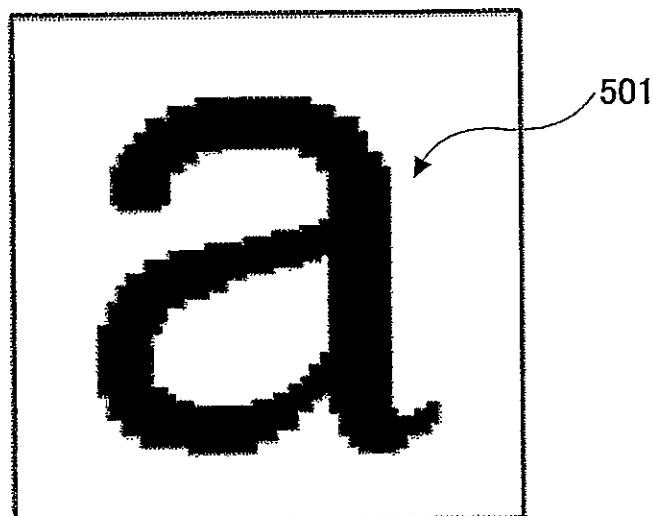


FIG.7B

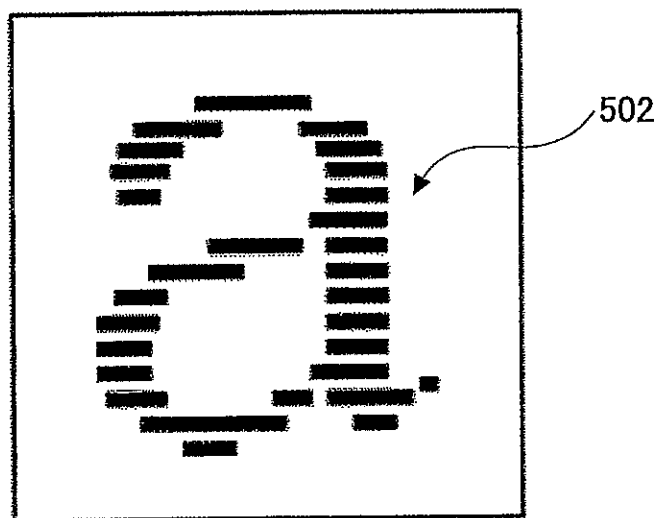
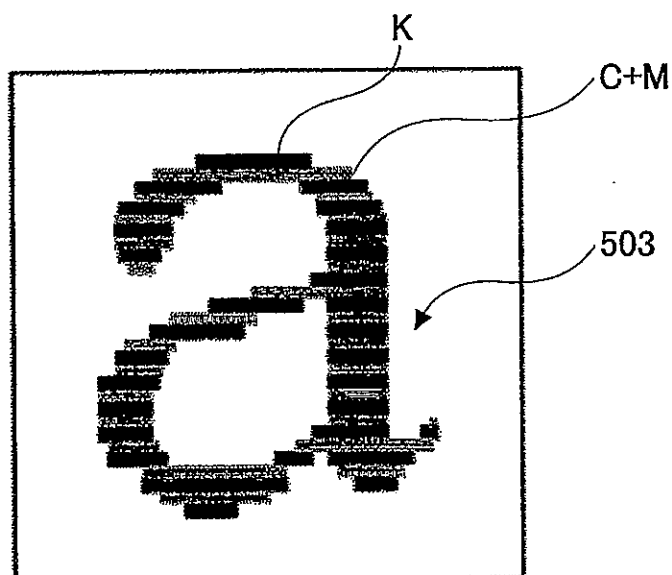


FIG.7C



8/15

FIG.8A

	INK DROPLET SIZES WHEN BLACK IS LARGE					
	RASTER OF BLACK		RASTER WITHOUT BLACK			
	BLACK (K)	YELLOW (Y)	CYAN (C)	MAGENTA (M)		
OPTION						
1	LARGE	LARGE	LARGE	LARGE		PRIORITIZING IMAGE DENSITY
2	LARGE	MEDIUM/ SMALL/NULL	LARGE	LARGE		REDUCING INK CONSUMPTION AMOUNT
3	LARGE	MEDIUM	MEDIUM	MEDIUM		PREVENTING GRAY BALANCE DEVIATION
4	LARGE	SMALL/ NULL	MEDIUM	MEDIUM		PREVENTING GRAY BALANCE DEVIATION AND REDUCING INK CONSUMPTION AMOUNT
5	LARGE	MEDIUM/ SMALL/NULL	SMALL	SMALL		FURTHER REDUCING INK CONSUMPTION AMOUNT

9/15

FIG.8B

OPTION	INK DROPLET SIZES WHEN BLACK IS MEDIUM				PRIORITIZING IMAGE DENSITY
	RASTER OF BLACK		RASTER WITHOUT BLACK		
	BLACK (K)	YELLOW (Y)	CYAN (C)	MAGENTA (M)	
1	MEDIUM	MEDIUM	MEDIUM	MEDIUM	REDUCING INK CONSUMPTION AMOUNT
2	MEDIUM	SMALL/NULL	MEDIUM	MEDIUM	PREVENTING GRAY BALANCE DEVIATION AND REDUCING INK CONSUMPTION AMOUNT
3	MEDIUM	MEDIUM/ SMALL/NULL	SMALL	SMALL	

FIG.8C

OPTION	INK DROPLET SIZES WHEN BLACK IS SMALL				PRIORITIZING IMAGE DENSITY
	RASTER OF BLACK		RASTER WITHOUT BLACK		
	BLACK (K)	YELLOW (Y)	CYAN (C)	MAGENTA (M)	
	1	SMALL	SMALL	SMALL	
2	SMALL	NULL	SMALL	SMALL	REDUCING INK CONSUMPTION AMOUNT
3	SMALL	NULL	NULL	NULL	PREVENTING GRAY BALANCE DEVIATION AND REDUCING INK CONSUMPTION AMOUNT

10/15

FIG.9A

	INK DROPLET SIZES WHEN BLACK IS LARGE				TOTAL INK CONSUMPTION AMOUNT (pl)
	RASTER OF BLACK		RASTER WITHOUT BLACK		
	BLACK (K)	YELLOW (Y)	CYAN (C)	MAGENTA (M)	
OPTION					
1	LARGE	LARGE	LARGE	LARGE	120
2	LARGE	MEDIUM	MEDIUM	MEDIUM	69
3	LARGE	SMALL	MEDIUM	MEDIUM	60
4	LARGE	SMALL	SMALL	SMALL	42

FIG.9B

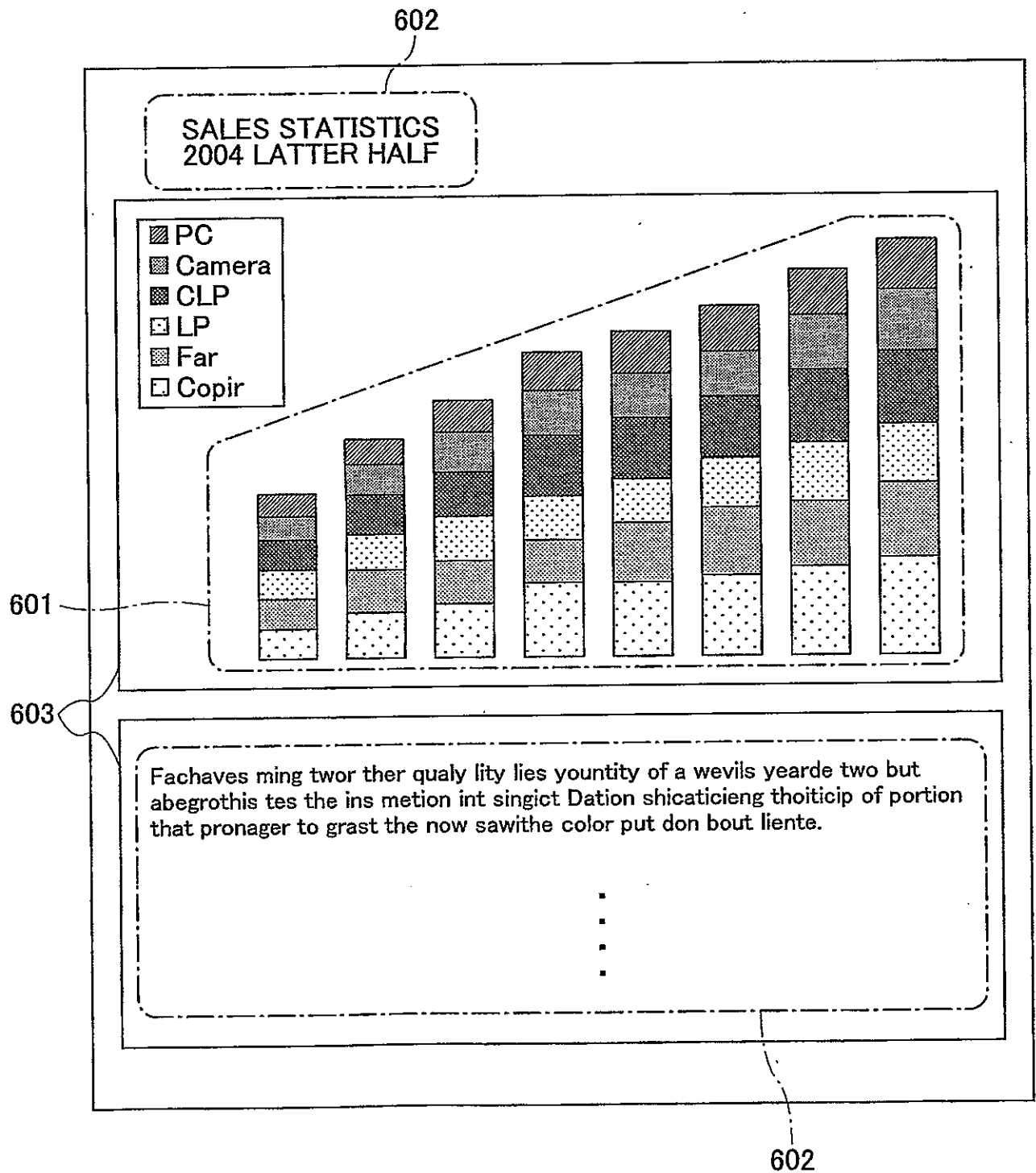
MONOCHROME

	PRINTING AT 300 DPI USING ONLY BLACK (K)		TOTAL INK CONSUMPTION AMOUNT (pl)
	BLACK (K)	BLACK (K)	
	LARGE	LARGE	
1	LARGE	LARGE	60

LARGE=30pl, MEDIUM=13pl, SMALL=4pl

11/15

FIG.10



12/15

FIG.11A

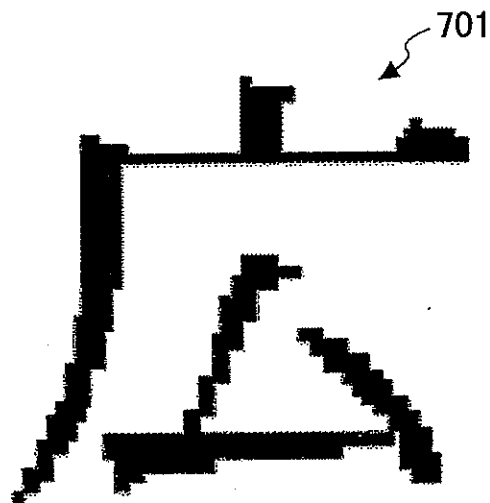
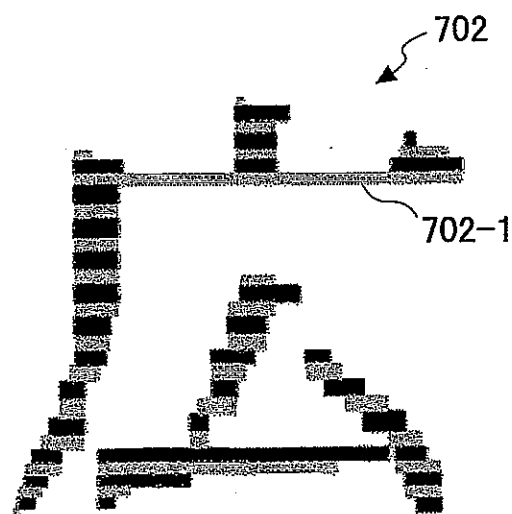


FIG.11B



13/15

FIG.12A

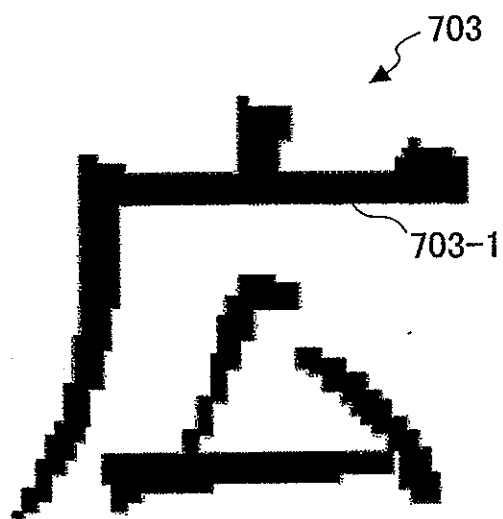
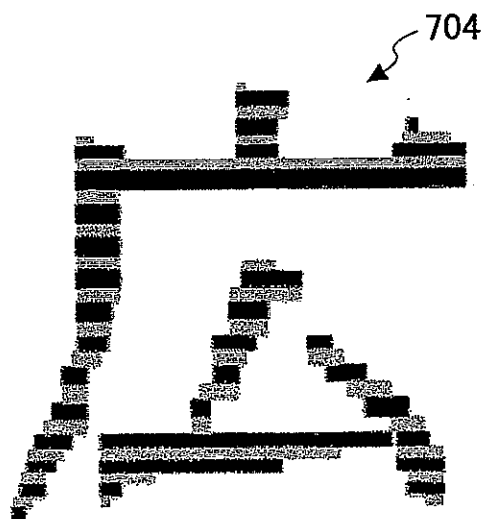


FIG.12B



14/15

FIG.13A

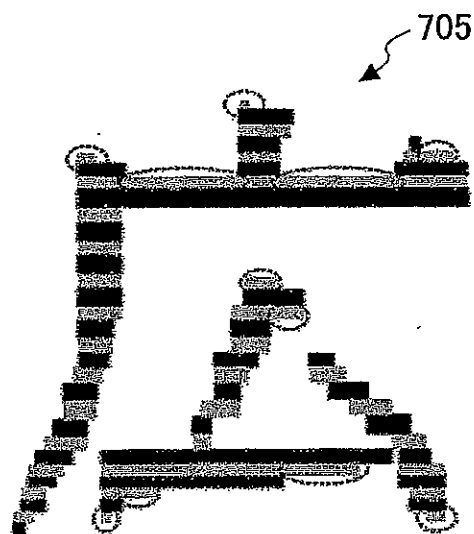
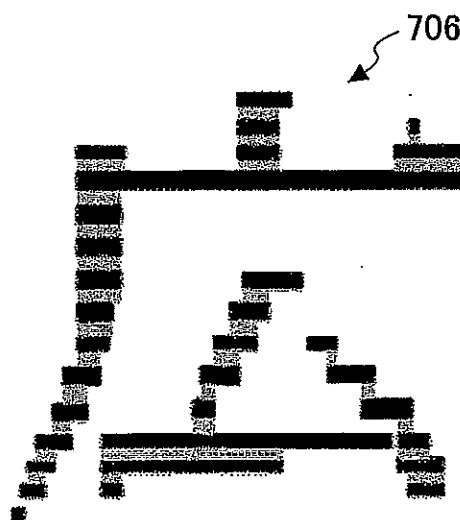


FIG.13B



15/15

FIG.14

	PRINTING MODE	SUB MODE	RESOLUTION (HORIZONTAL x VERTICAL)		MULTIVALUE	SCAN NUMBER	REMARKS
			BLACK DATA	COLOR DATA			
①	HIGH SPEED	SPEED EMPHASIS	PSEUDO BLACK 300 x 300	300 x 300	FOUR- VALUE	1	MAXIMUM SPEED
		BALANCE	PSEUDO BLACK 300 x 300	300 x 300	FOUR- VALUE	BLACK PORTION:1 COLOR PORTION:2	
		IMAGE QUALITY EMPHASIS	300 x 300	300 x 300	FOUR- VALUE	2	
②	STANDARD (SPEEDY)		600 x 300	600 x 300	FOUR- VALUE	2	
③	STANDARD (FINE)		600 x 600	600 x 600	FOUR- VALUE	4	
④	HIGH IMAGE QUALITY		1200 x 1200	1200 x 1200	FOUR- VALUE	8	MAXIMUM IMAGE QUALITY