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FIG.1

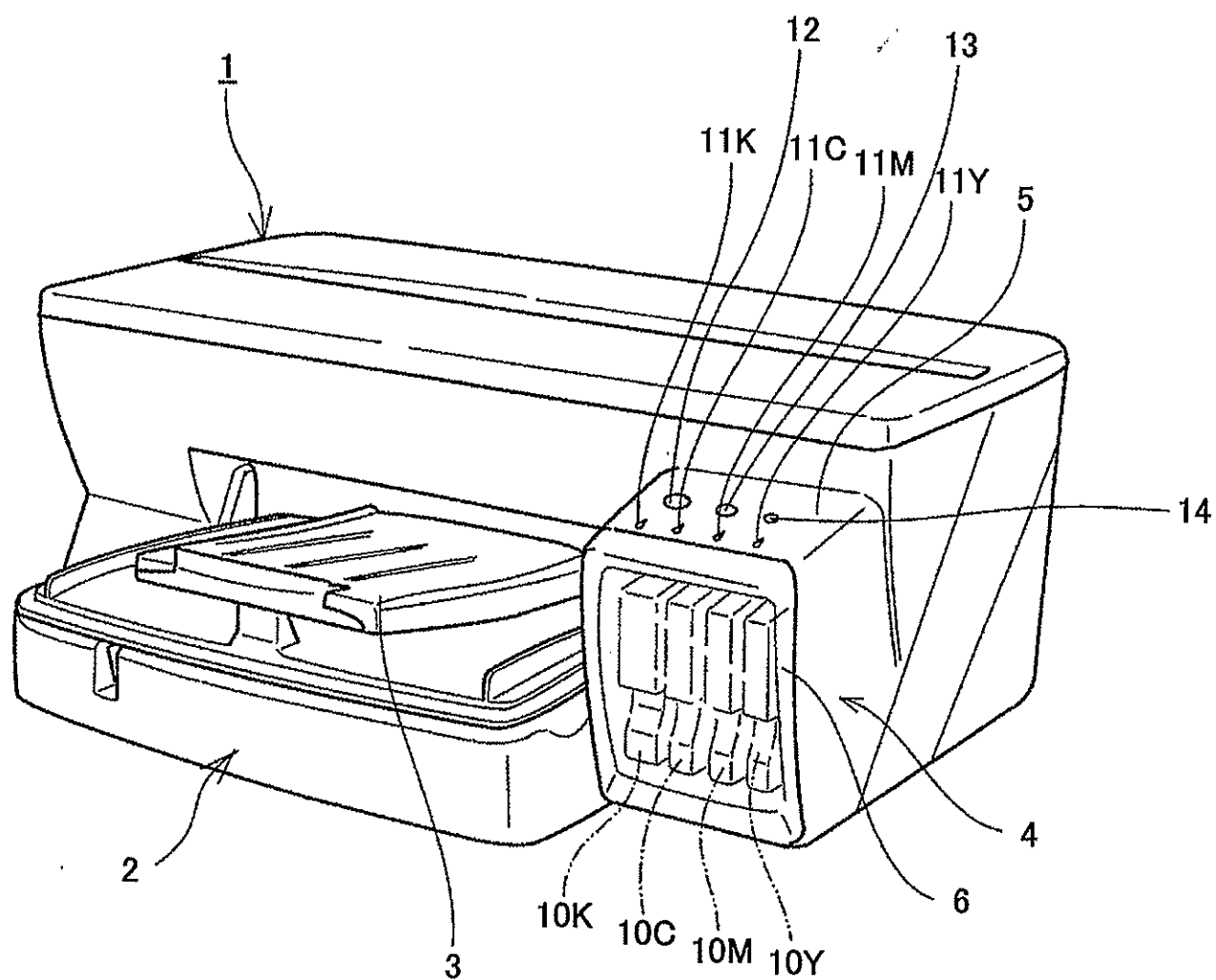


FIG.2

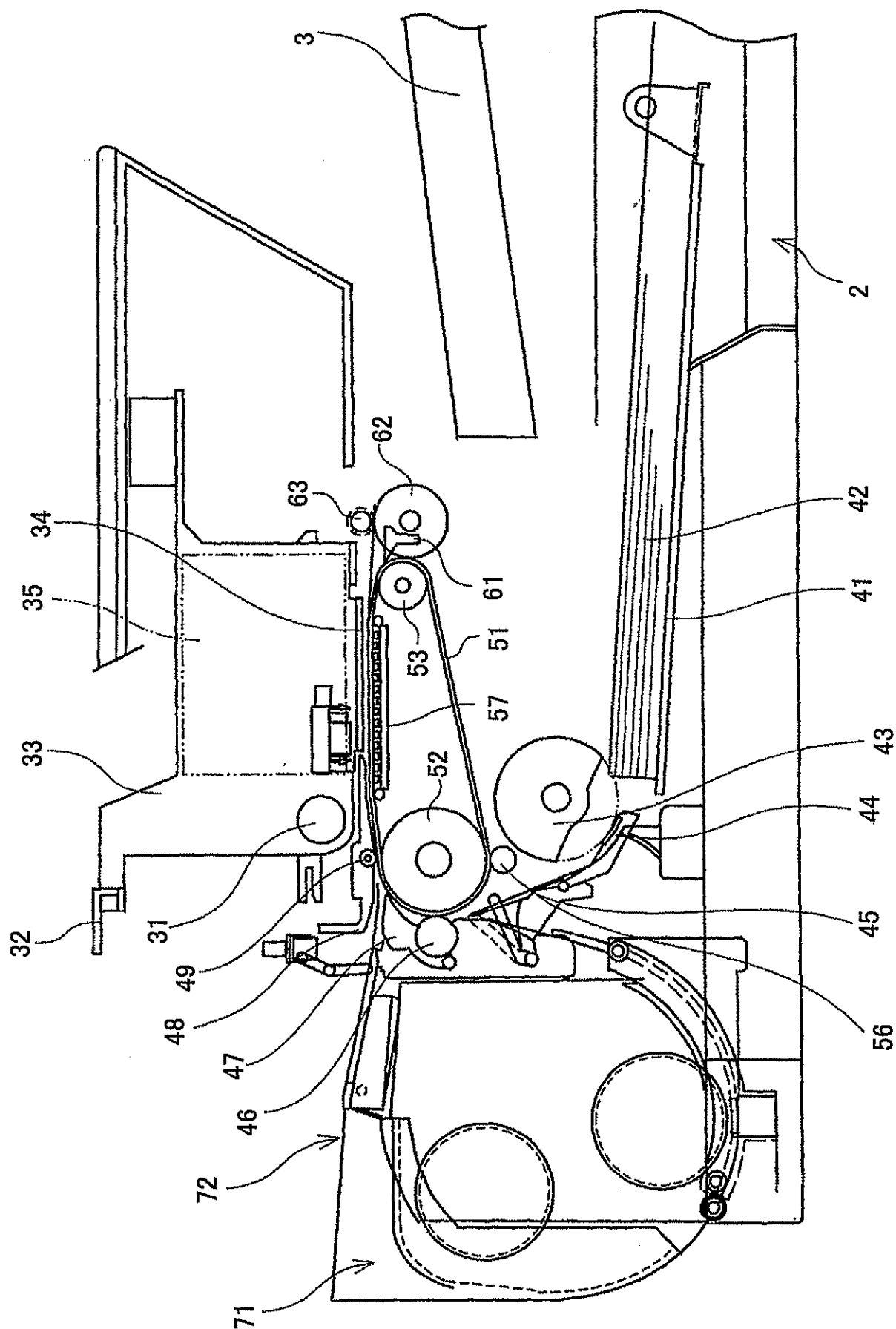
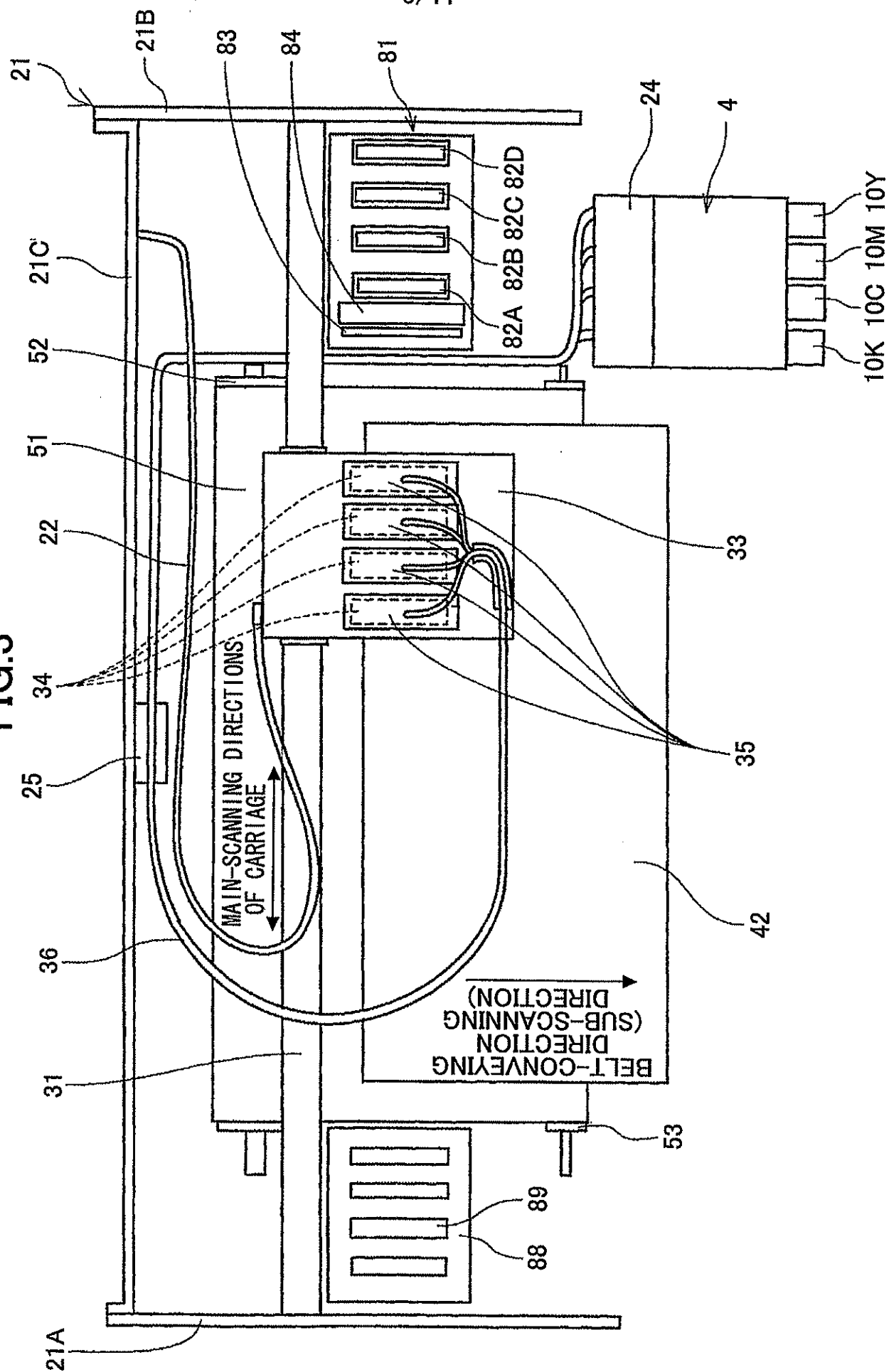


FIG. 3



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FIG.4

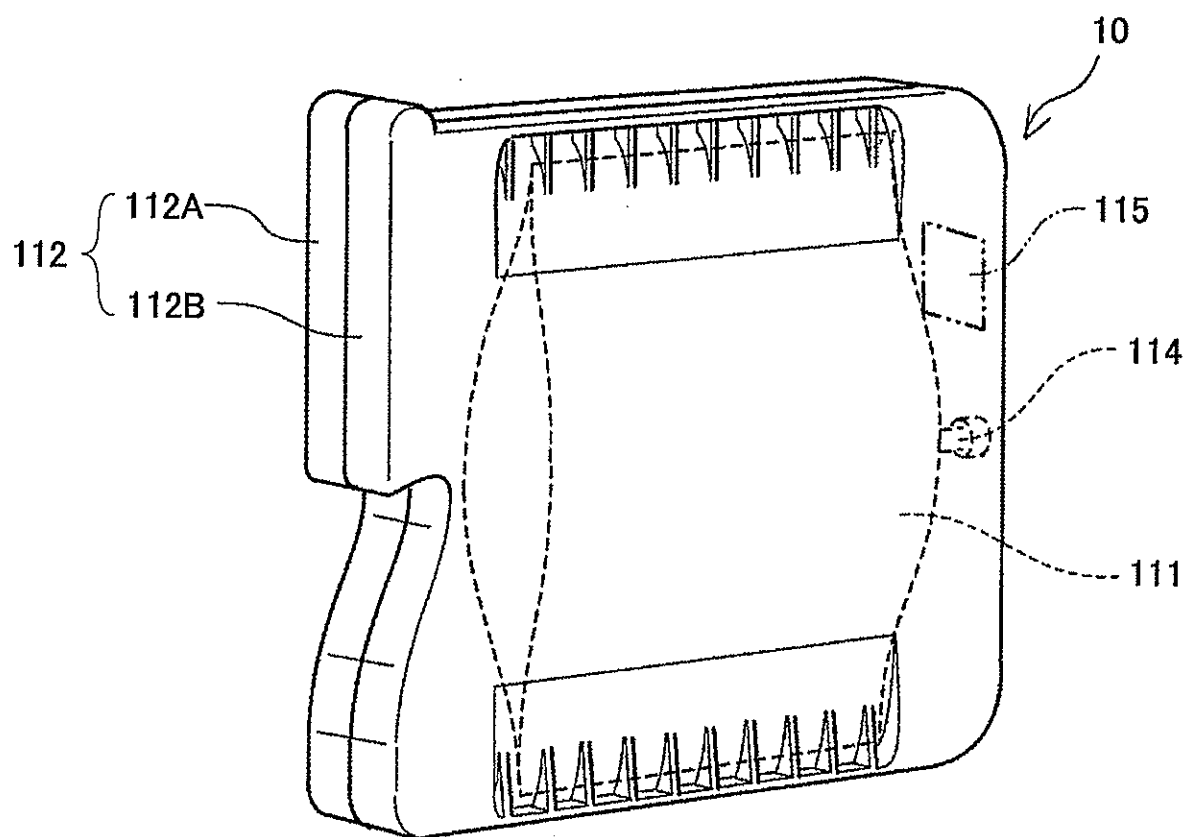


FIG.5

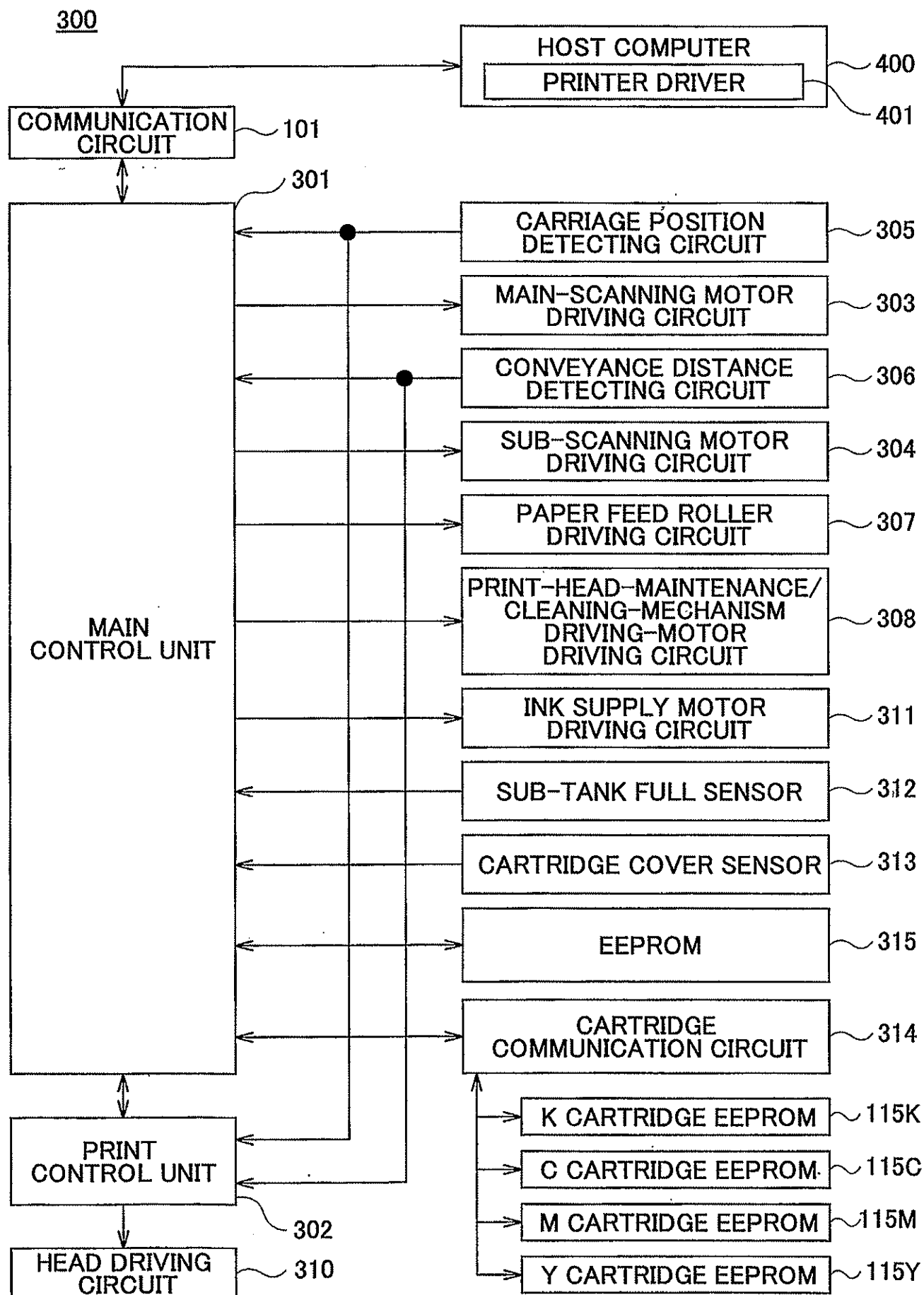


FIG.6A

BLACK										
		CONSUMED AMOUNT PER PAGE						NUMBER OF PRINTABLE PAGES		
USER IDENTIFIER	NUMBER OF PRINTED PAGES	AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE A	AMOUNT OF CONSUMED COLOR MATERIAL SQUARED AND DIVIDED BY NO. PAGES B	STANDARD DEVIATION OF AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE C = SQRT (B-A*A)	MINIMUM AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE D = A-C	MAXIMUM AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE E = A+C	REMAINING COLOR MATERIAL AMOUNT F	AVERAGE G = F/A	MAXIMUM H = F/D	MINIMUM I = F/E
TOTAL	180	8.444	72.237	0.964	7.481	9.408	500.000	59.211	66.837	53.146
HANAKO	100	8.000	64.667	0.816	7.184	8.816	500.000	62.500	69.604	56.712
TARO	80	9.000	81.700	0.837	8.163	9.837	500.000	55.556	61.249	50.830

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FIG.6B

FIG.6B

CYAN										
		CONSUMED AMOUNT PER PAGE						NUMBER OF PRINTABLE PAGES		
USER IDENTIFIER	NUMBER OF PRINTED PAGES	AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE A	AMOUNT OF CONSUMED COLOR MATERIAL SQUARED AND DIVIDED BY NO. PAGES B	STANDARD DEVIATION OF AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE C = SQRT (B-A*A)	MINIMUM AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE D = A-C	MAXIMUM AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE E = A+C	REMAINING COLOR MATERIAL AMOUNT F	AVERAGE G = F/A	MAXIMUM H = F/D	MINIMUM I = F/E
TOTAL	180	8.556	74.130	0.964	7.481	9.408	500.000	59.211	66.837	53.146
HANAKO	100	9.000	81.700	0.837	8.163	9.837	500.000	55.556	61.249	50.830
TARO	80	8.000	64.667	0.816	7.184	8.816	500.000	62.500	69.604	56.712

FIG.7A

MAGENTA									
USER IDENTIFIER	NUMBER OF PRINTED PAGES	CONSUMED AMOUNT PER PAGE					REMAINING COLOR MATERIAL AMOUNT F	NUMBER OF PRINTABLE PAGES	
		AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE A	AMOUNT OF CONSUMED COLOR MATERIAL SQUARED AND DIVIDED BY NO. PAGES B	STANDARD DEVIATION OF AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE C = $\sqrt{B-A*A}$	MINIMUM AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE D = A-C	MAXIMUM AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE E = A+C		AVERAGE G = F/A	MINIMUM I = F/E
TOTAL	180	8.667	78.002	1.700	6.966	10.367	500.000	57.692	48.230
HANAKO	100	10.000	100.670	0.819	9.181	10.819	500.000	50.000	46.217
TARO	80	7.000	49.667	0.816	6.184	7.816	500.000	71.429	63.967

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FIG.7B

YELLOW									
USER IDENTIFIER	NUMBER OF PRINTED PAGES	CONSUMED AMOUNT PER PAGE					REMAINING COLOR MATERIAL AMOUNT F	NUMBER OF PRINTABLE PAGES	
		AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE A	AMOUNT OF CONSUMED COLOR MATERIAL SQUARED AND DIVIDED BY NO. PAGES B	STANDARD DEVIATION OF AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE C = $\sqrt{B-A*A}$	MINIMUM AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE D = A-C	MAXIMUM AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE E = A+C		AVERAGE G = F/A	MINIMUM I = F/E
TOTAL	180	6.111	39.000	1.286	4.825	7.397	500.000	81.818	67.592
HANAKO	100	7.000	49.667	0.816	6.184	7.816	500.000	71.429	63.967
TARO	80	5.000	25.667	0.816	4.184	5.816	500.000	100.000	85.962

FIG.8A

	NUMBER OF PRINTED PAGES	AMOUNT OF CONSUMED COLOR MATERIAL
ADDITIONAL PRINTING	N	P

FIG.8B

	NUMBER OF PRINTED PAGES	AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE A	AMOUNT OF CONSUMED COLOR MATERIAL SQUARED AND DIVIDED BY NO. PAGES B
OLD VALUES	M	Am	Bm
NEW VALUES	M+N	$(M*Am+P)/(M+N)$	$(M*Am+P*P/N)/(M+N)$

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FIG.9A

	NUMBER OF PRINTED PAGES	AMOUNT OF CONSUMED COLOR MATERIAL
ADDITIONAL PRINTING	8	45

FIG.9B

NUMBER OF PRINTED PAGES	CONSUMED AMOUNT PER PAGE					NUMBER OF PRINTABLE PAGES		
	AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE A	AMOUNT OF CONSUMED COLOR MATERIAL SQUARED AND DIVIDED BY NO. PAGES B	STANDARD DEVIATION OF AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE C = $\sqrt{B-A \cdot A}$	MINIMUM AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE D = A-C	MAXIMUM AMOUNT OF CONSUMED COLOR MATERIAL PER PAGE E = A+C	REMAINING COLOR MATERIAL AMOUNT F	AVERAGE G = F/A	MINIMUM I = F/E
80	5.000	25.667	0.816	4.184	5.816	500.000	100.000	85.962
88	5.057	26.210	0.799	4.258	5.856	500.000	98.876	85.386

FIG.10

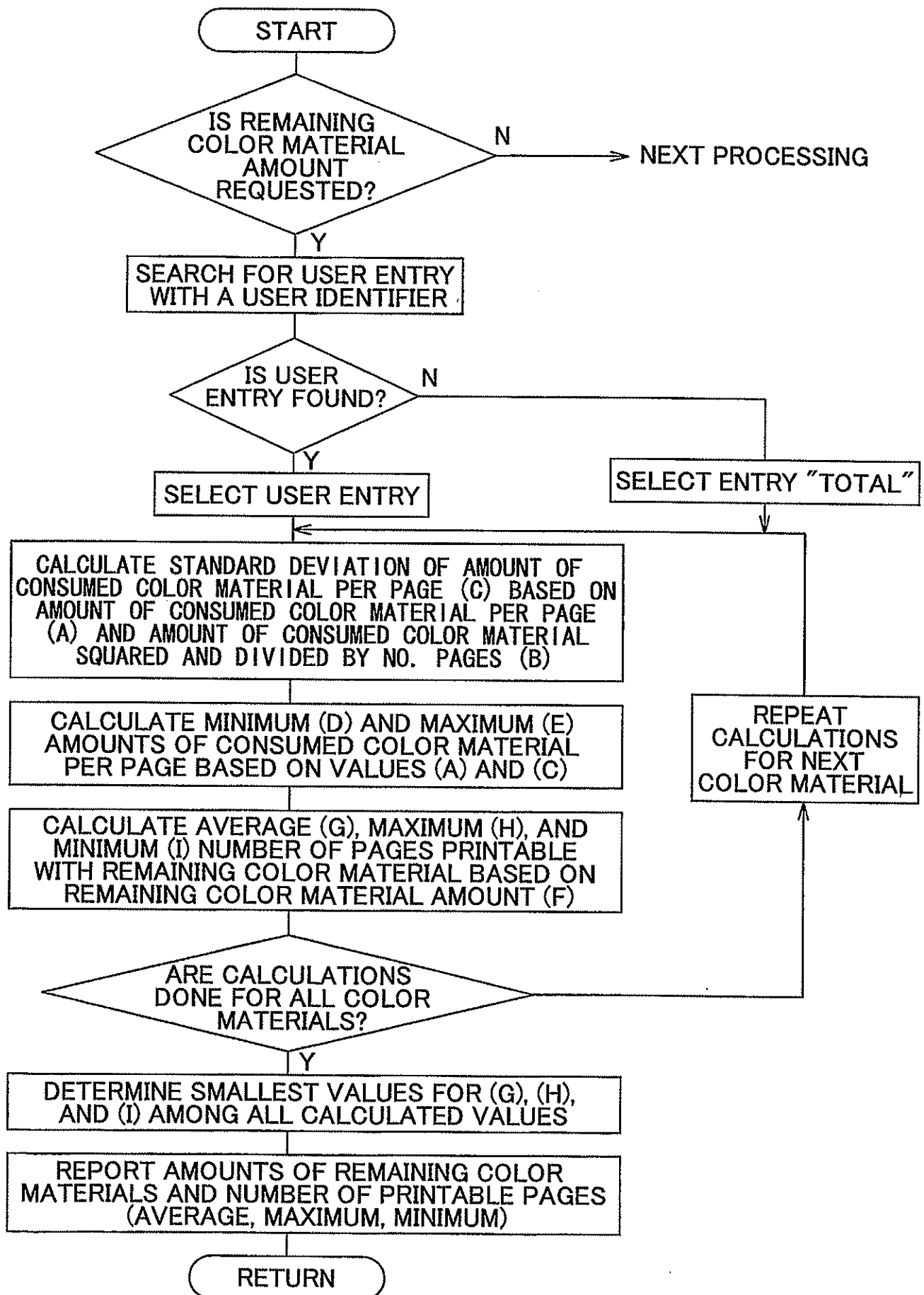


FIG.11

