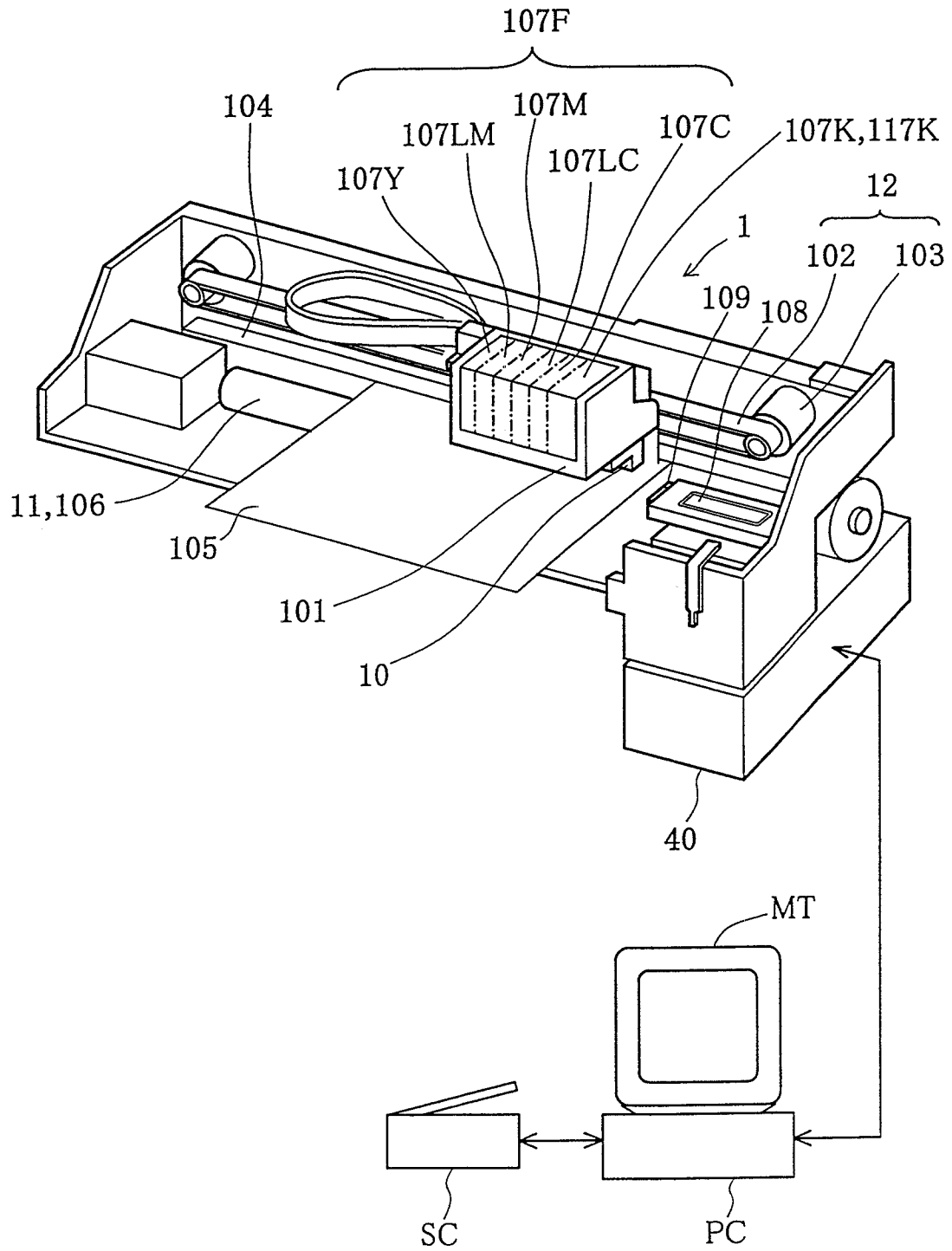


Fig. 1

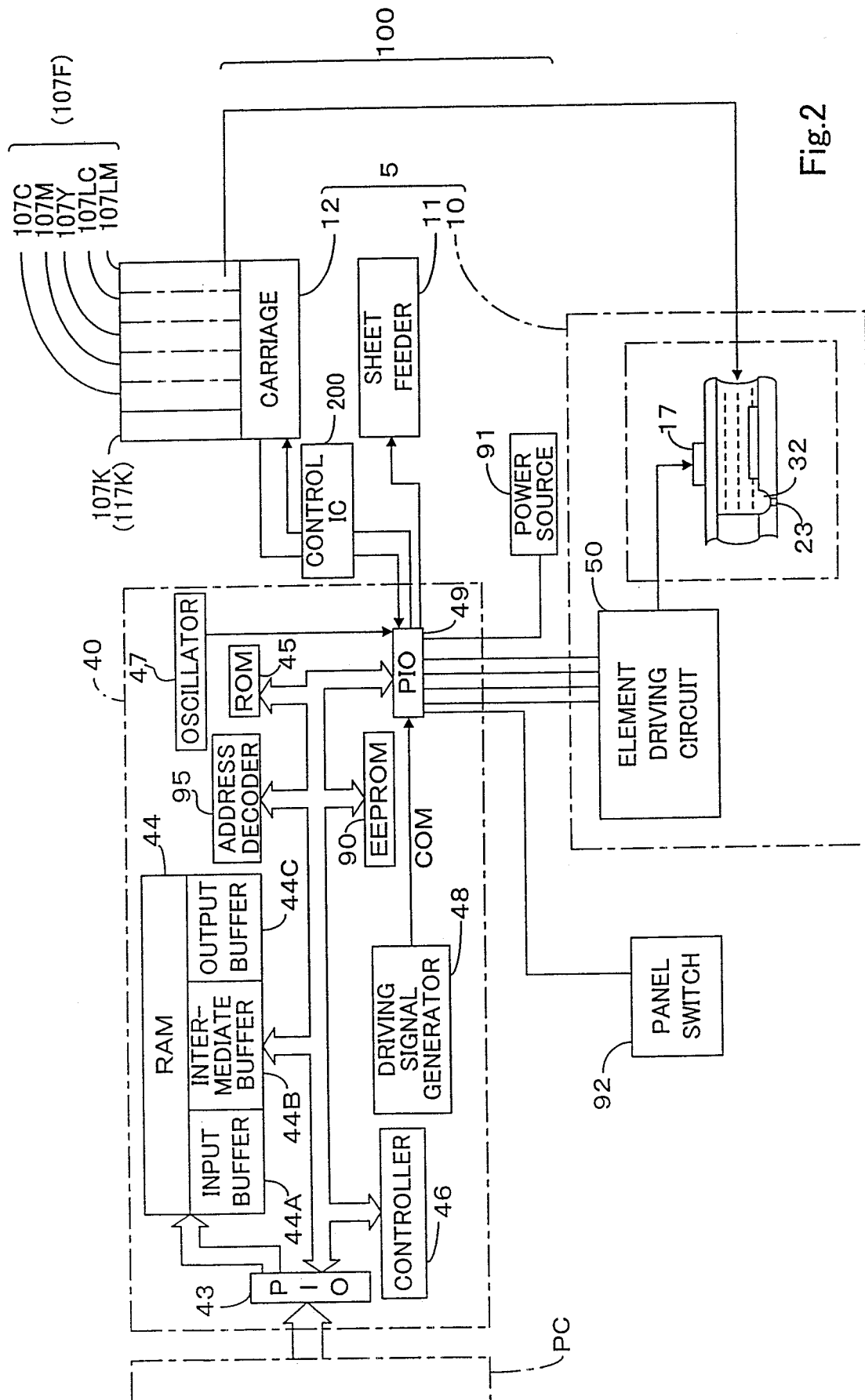
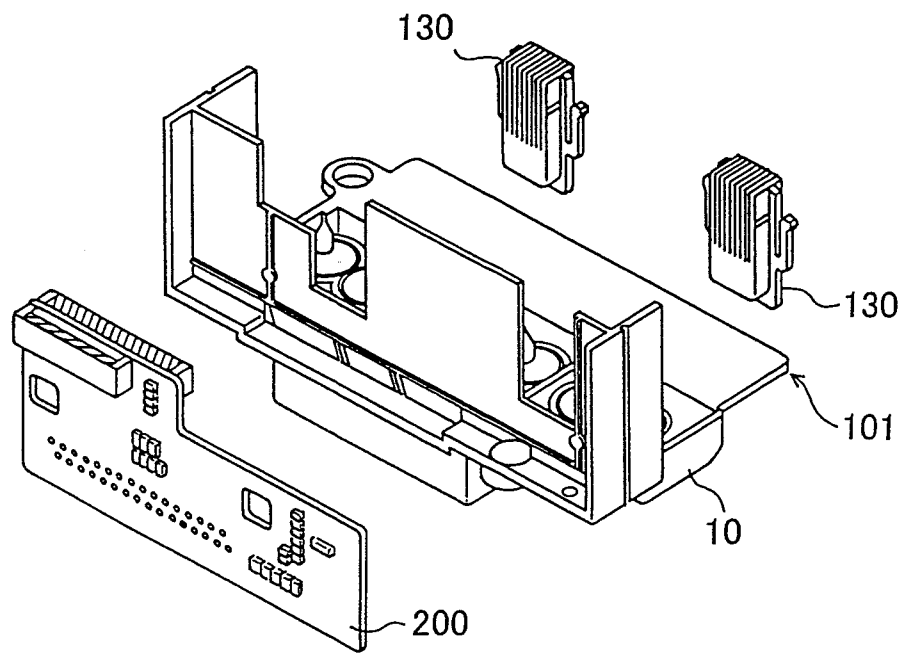


Fig.2

Fig. 3

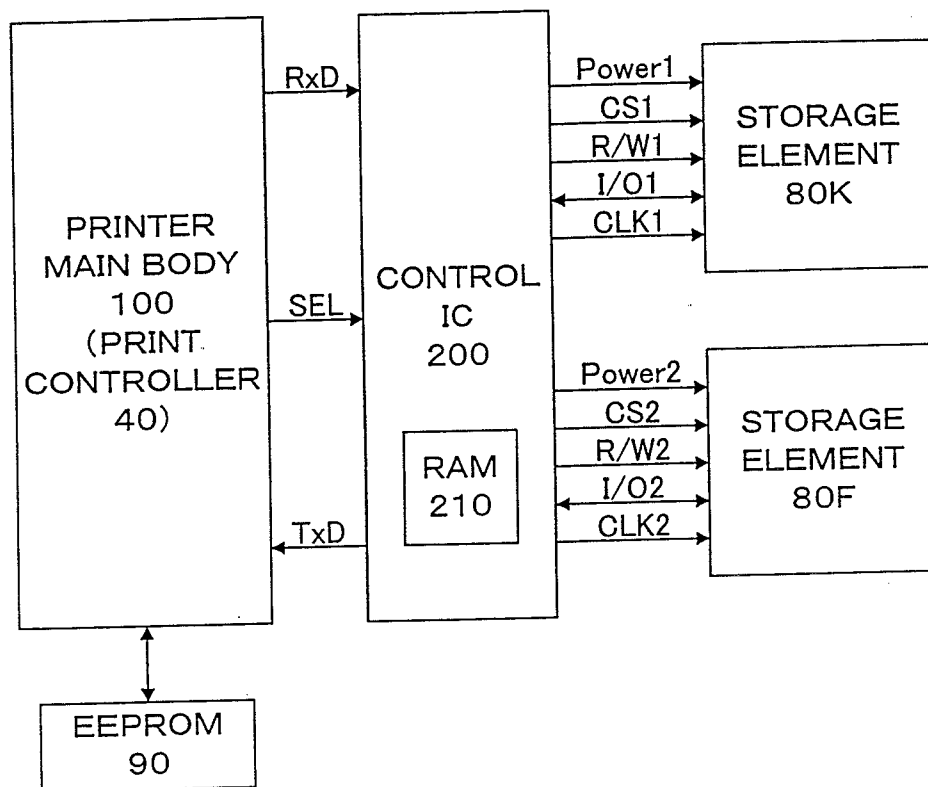


Fig. 4

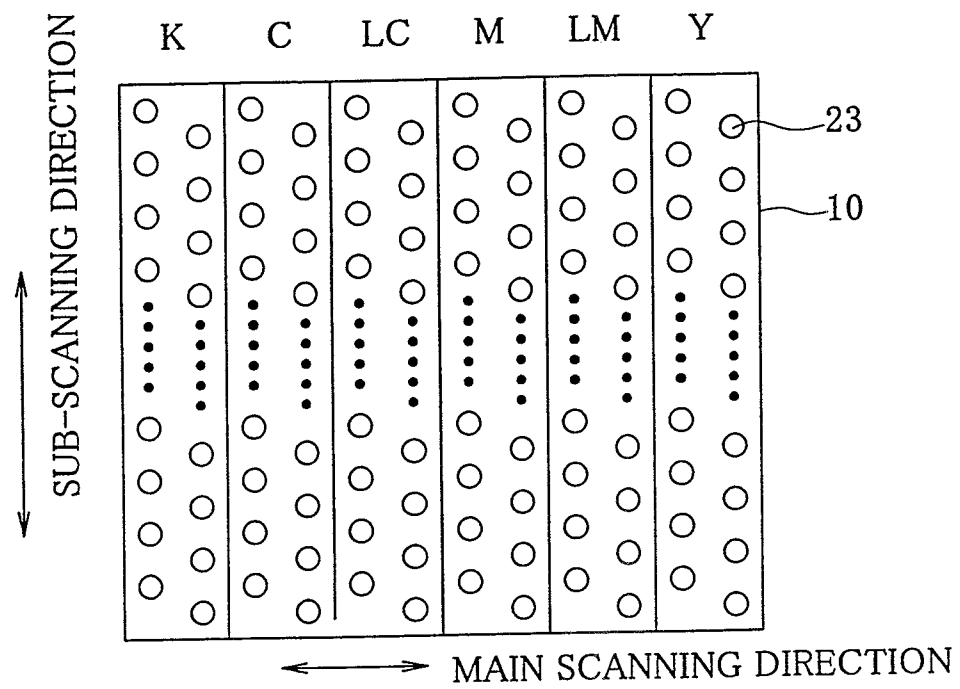
Fig. 5

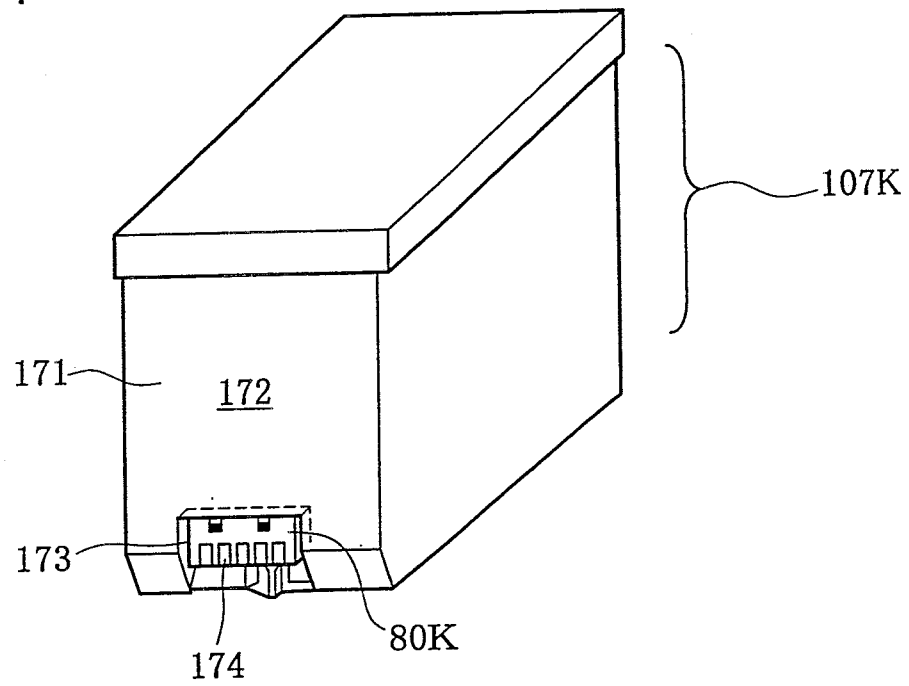
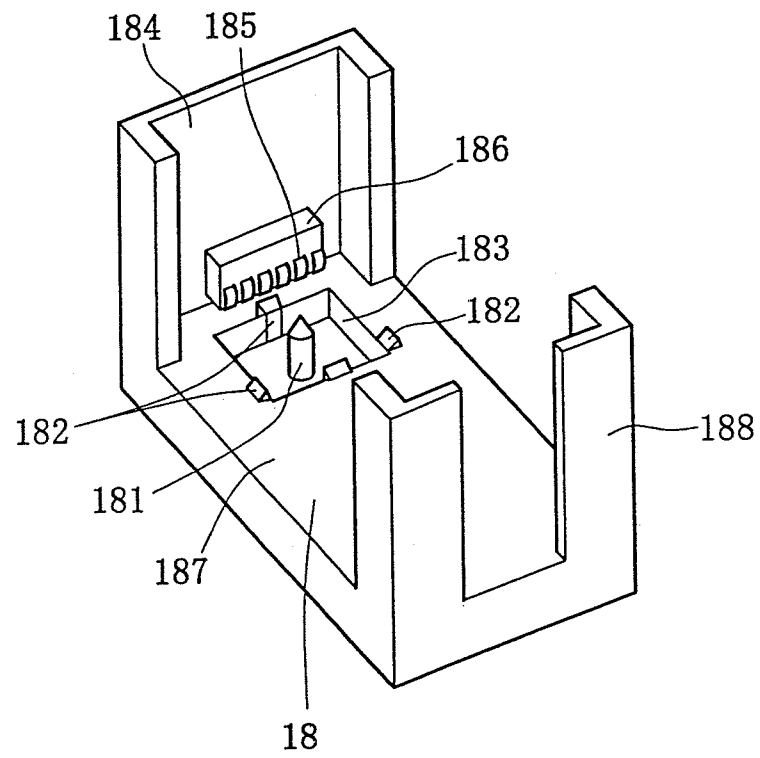
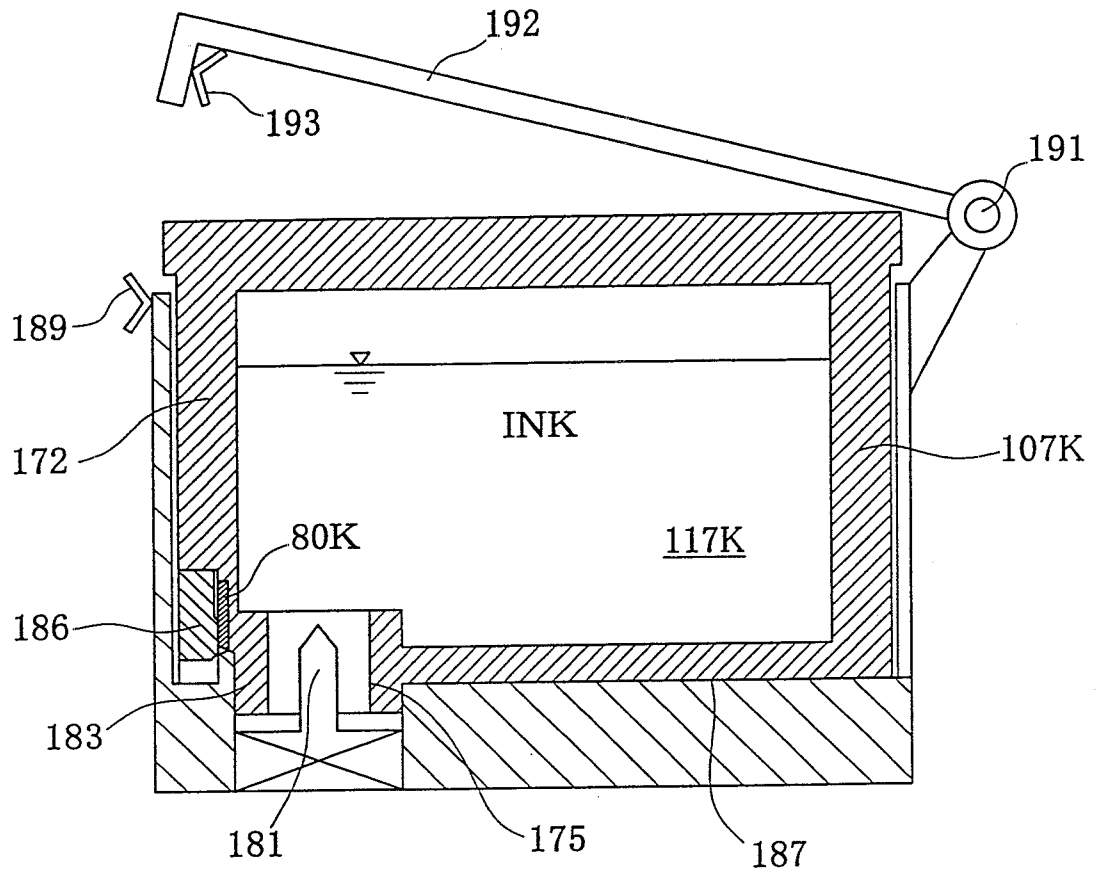
Fig. 6A*Fig. 6B*

Fig. 7

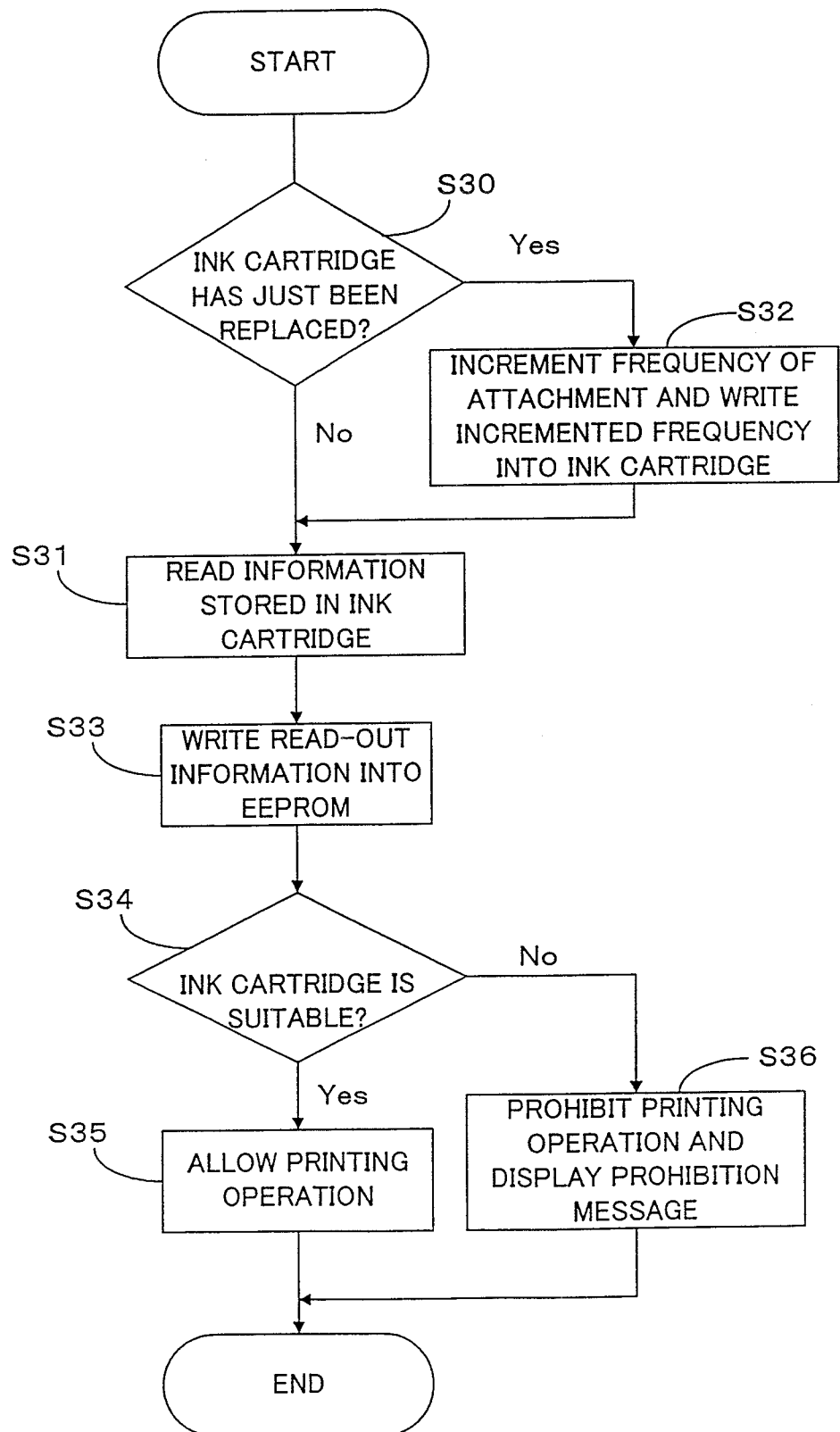


Fig. 8

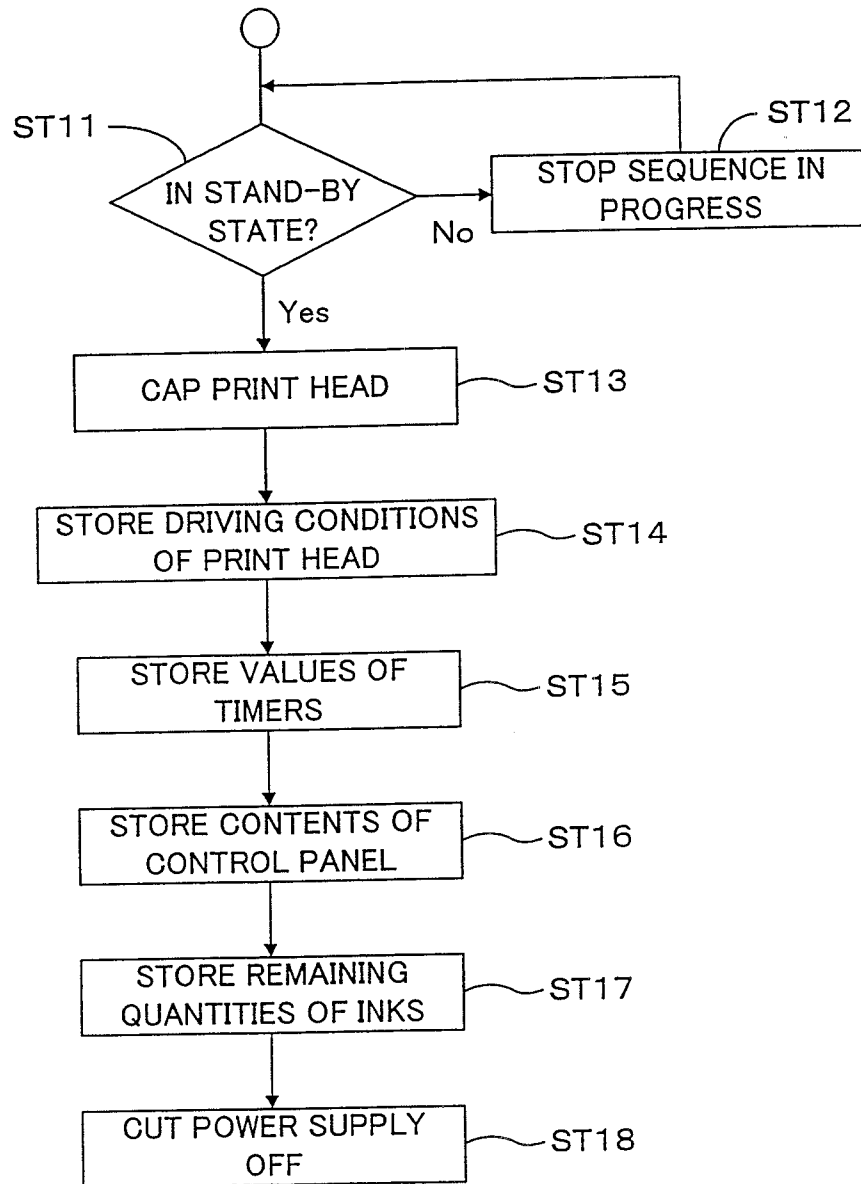


Fig. 9

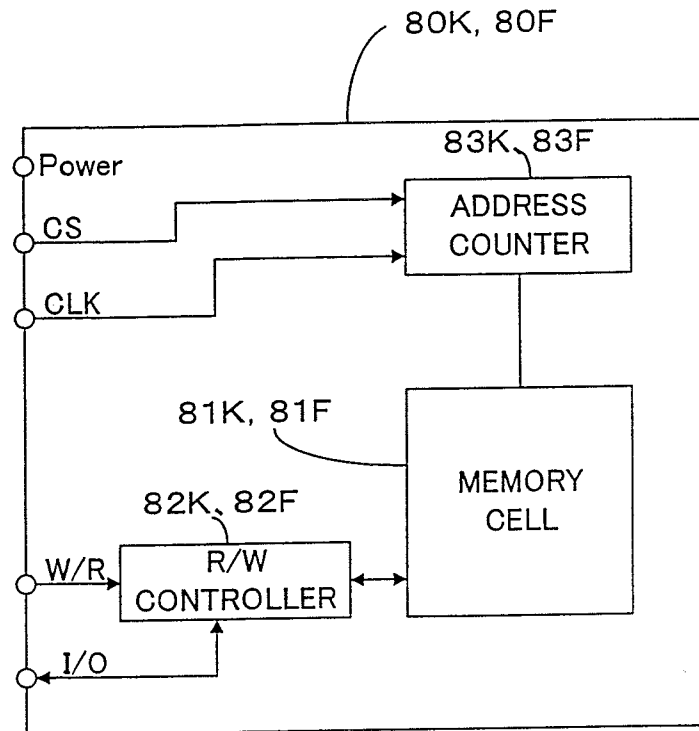


Fig. 10

Address of Control IC 200	Data Length (byte)	Items of Information	Address of Storage Element 80K	Capacity (bit) in Storage Element	
00	1	Remaining quantity of black ink	00	8	650
01	1	Frequency of cleaning	08	8	
02	1	Frequency of attachment	10	8	
03	2	Total time period of attachment	18	16	
05	1	Year of manufacture	28	7	660
06	1	Month of manufacture	2F	4	
07	1	Date of manufacture	33	5	
08	1	Hour of manufacture	38	5	
09	1	Minute of manufacture	3D	6	
0A	1	Production serial No.	43	8	
0B	1	Frequency of recycle	4B	3	
0C	2	Ink cartridge name	4E	10	
0E	1	Ink type	58	8	
0F	1	Term of validity	60	6	660
10	1	Term of validity after unsealed	66	5	

Fig.11

Address of Control IC 200	Data Length (byte)	Items of Information	Address of Storage Element 80F	Capacity (bit) in Storage Element	
20	1	Remaining quantity of cyan ink	00	8	750
21	1	Remaining quantity of magenta ink	08	8	
22	1	Remaining quantity of yellow ink	10	8	
23	1	Remaining quantity of light cyan ink	18	8	
24	1	Remaining quantity of light magenta	20	8	
25	1	Frequency of cleaning	28	8	
26	1	Frequency of attachment	30	8	
27	2	Total time period of attachment	38	16	760
29	1	Year of manufacture	48	7	
2A	1	Month of manufacture	4F	4	
2B	1	Date of manufacture	53	5	
2C	1	Hour of manufacture	58	5	
2D	1	Minute of manufacture	5D	6	
2E	1	Production serial No.	63	8	
2F	1	Frequency of recycle	6B	3	
30	2	Ink cartridge name	6E	10	
32	1	Ink type	78	8	
33	1	Term of validity	80	6	
34	1	Term of validity after unsealed	86	5	

Fig. 12

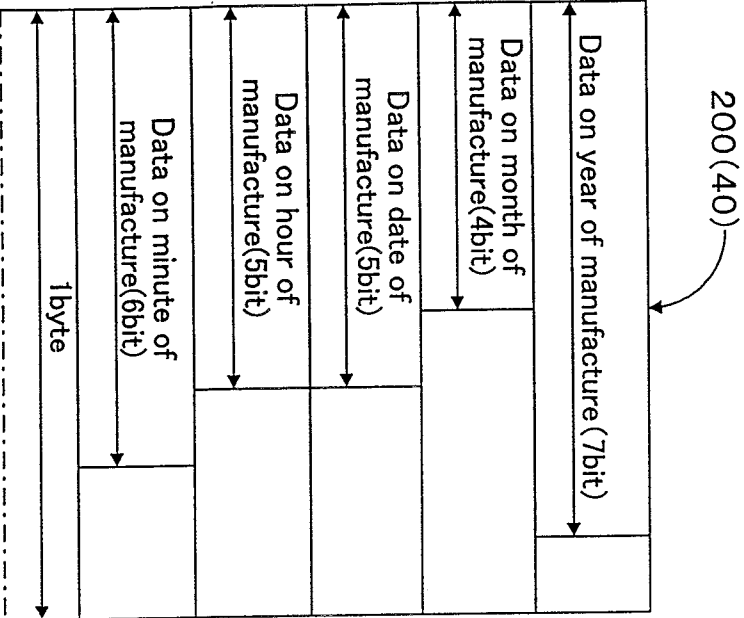
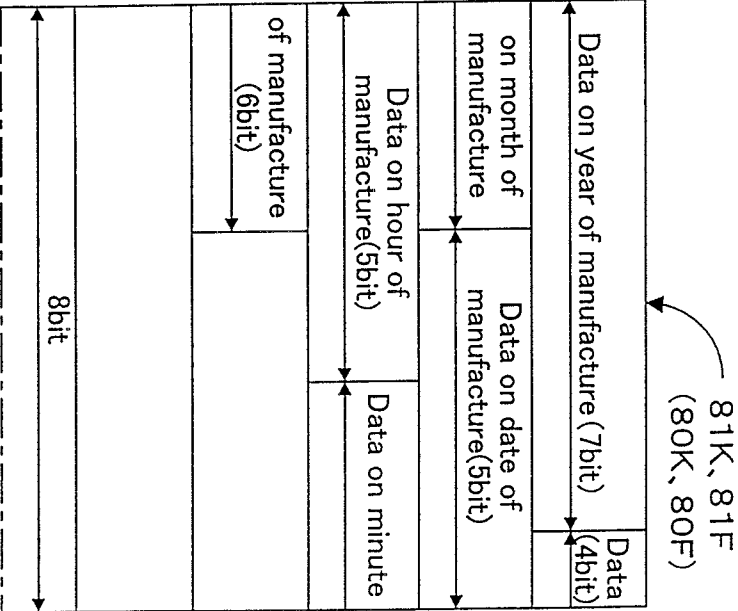


Fig. 13

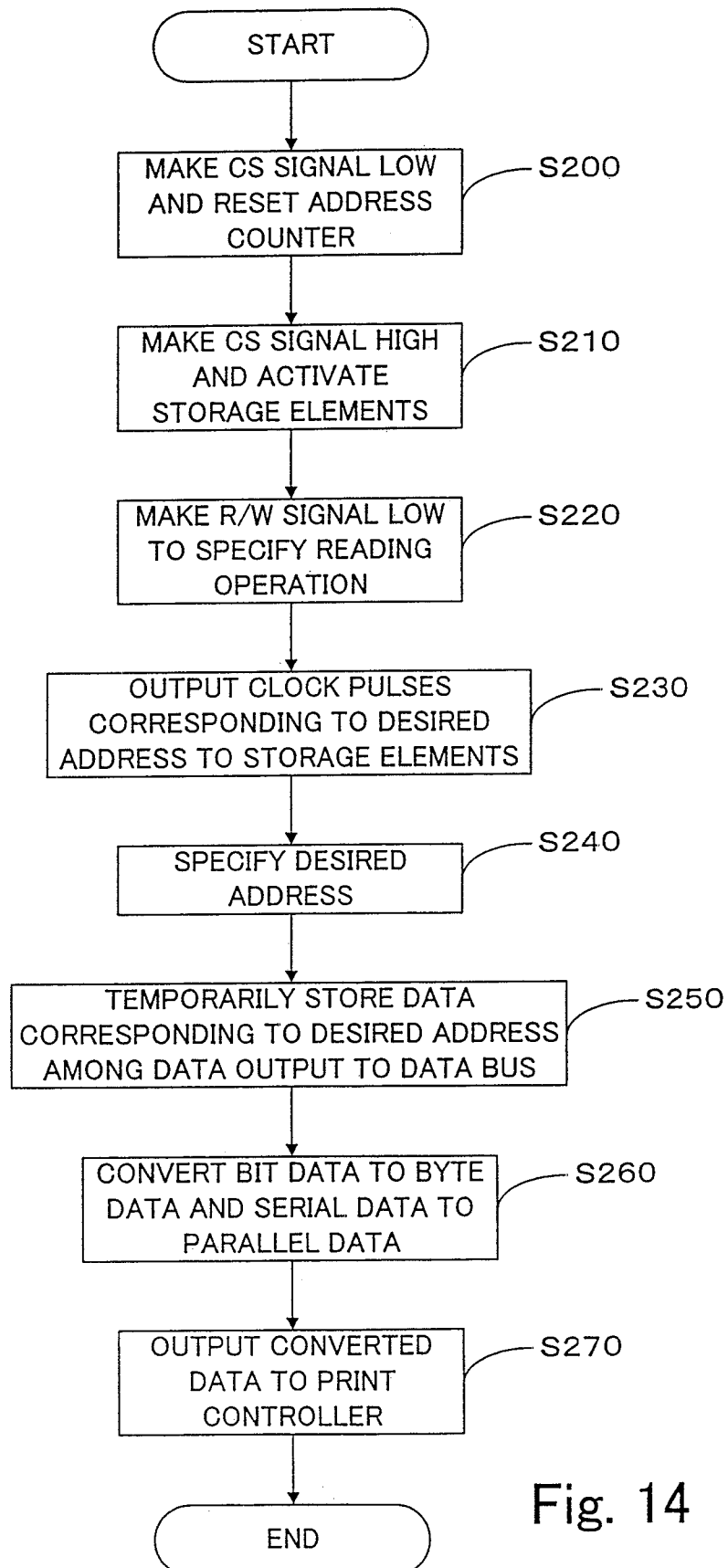
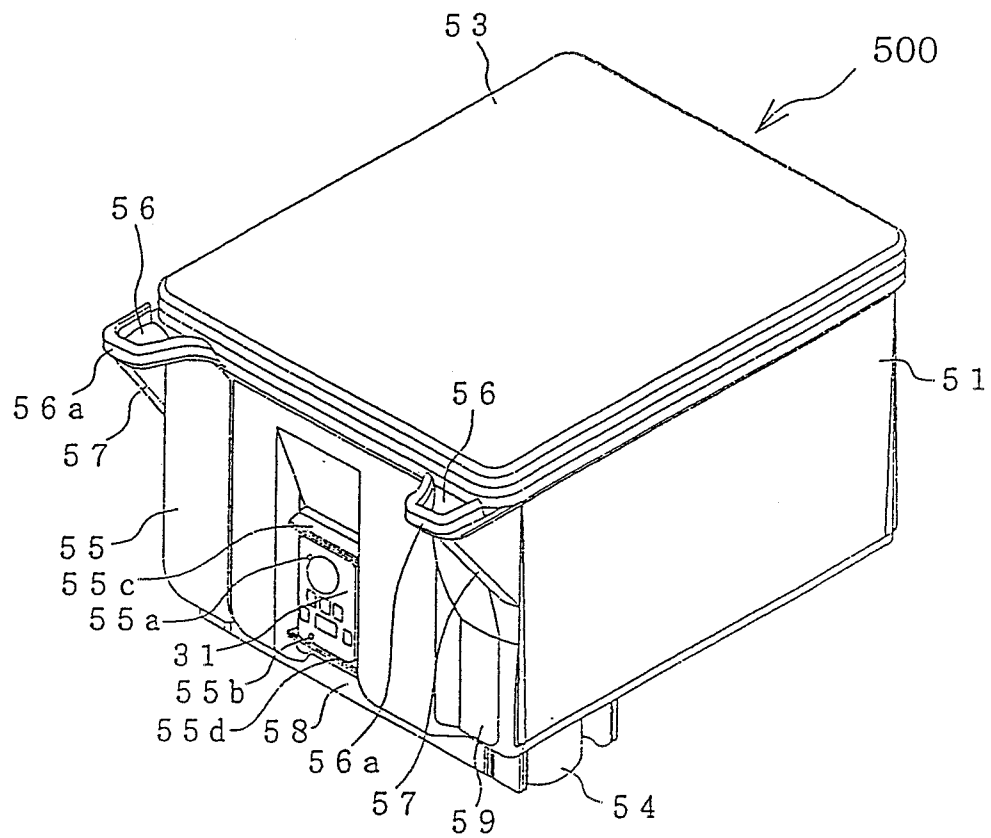


Fig. 14

Fig. 16

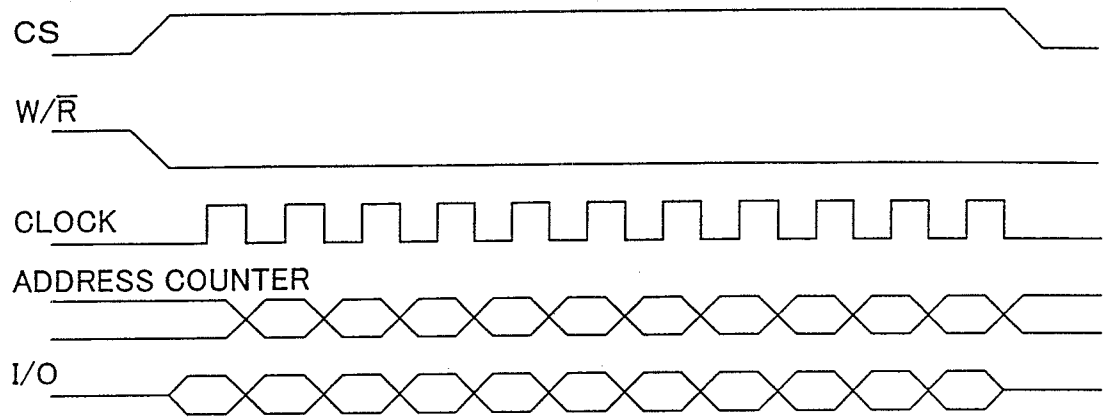


Fig. 15