

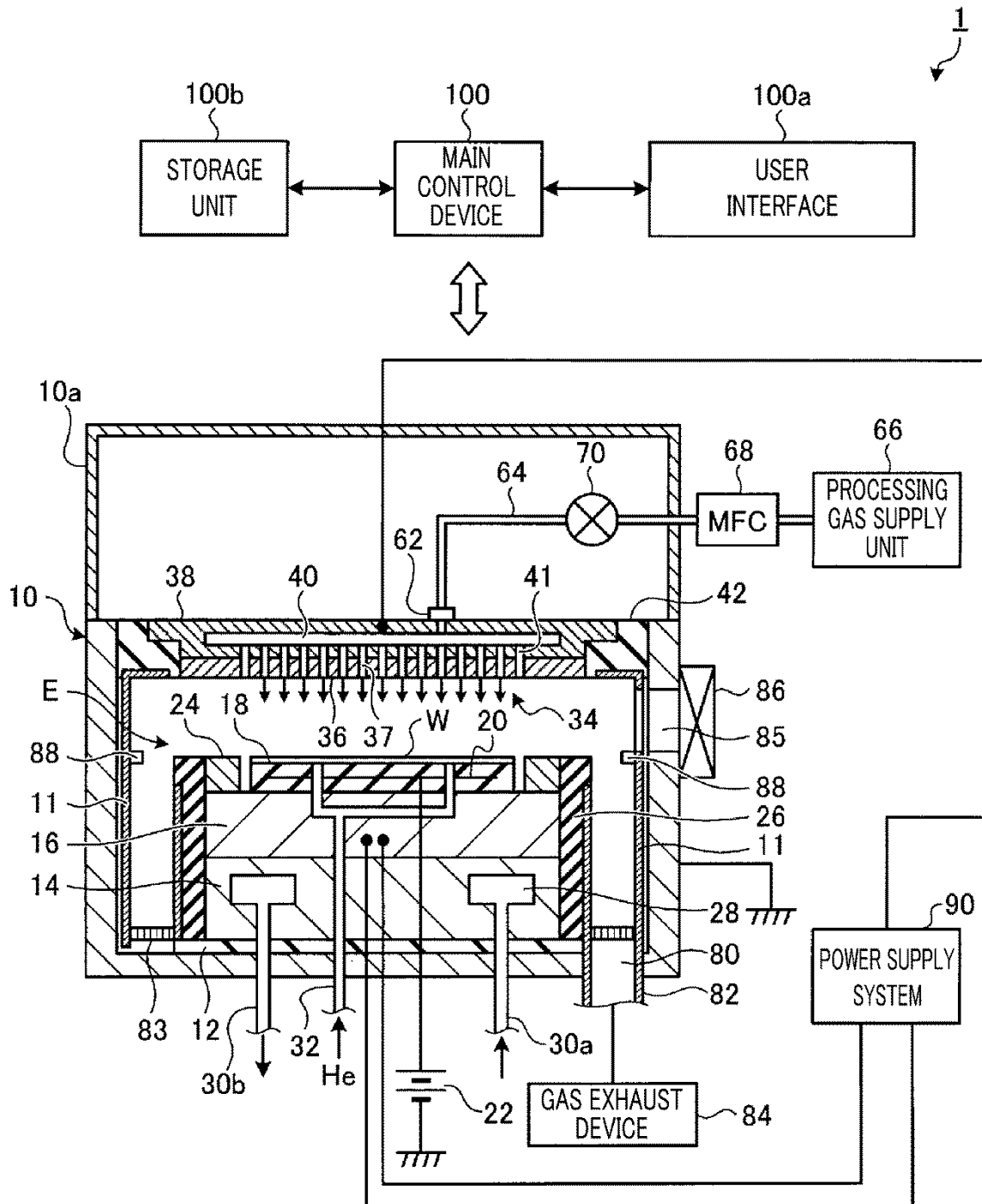


FIG. 2

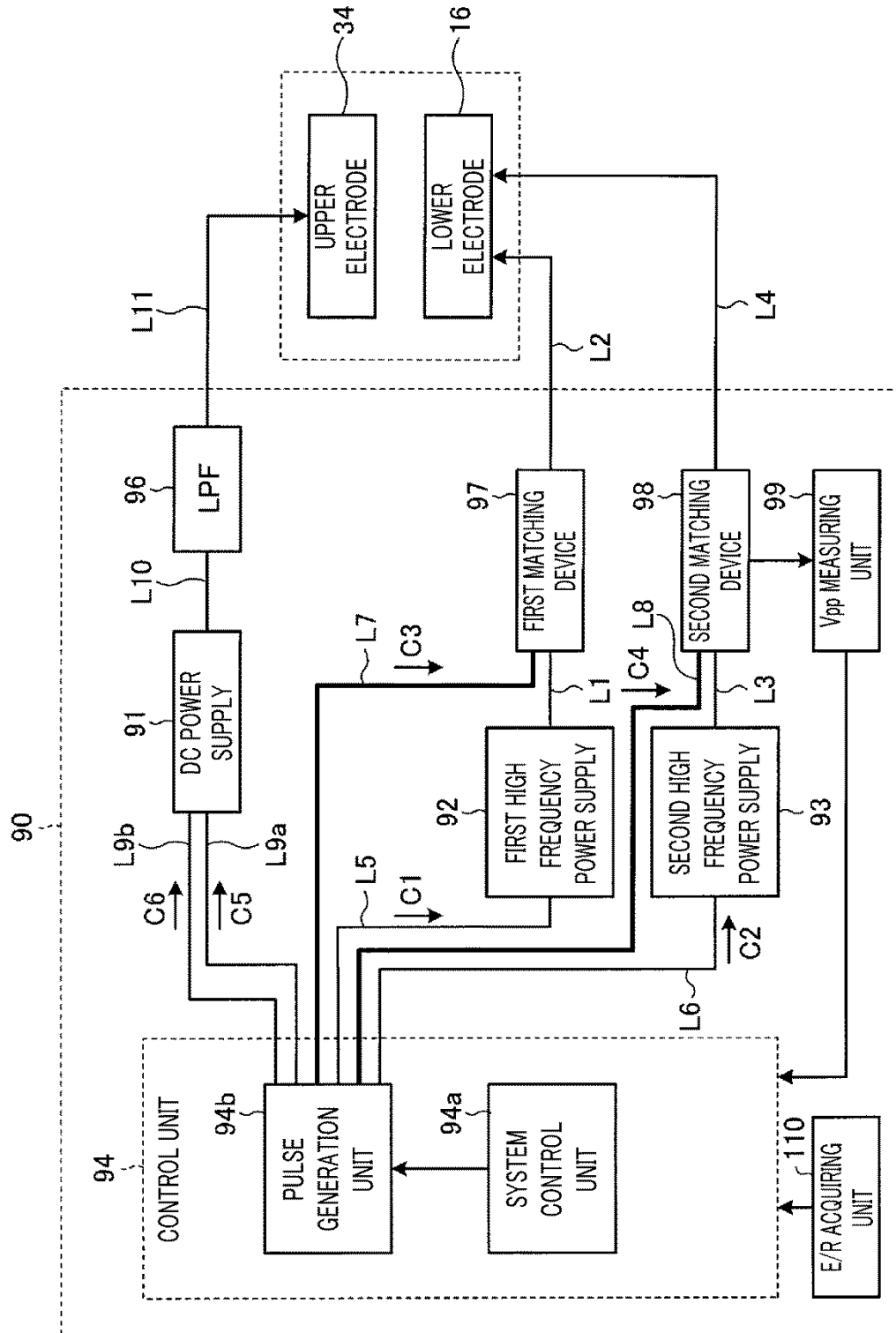


FIG. 3

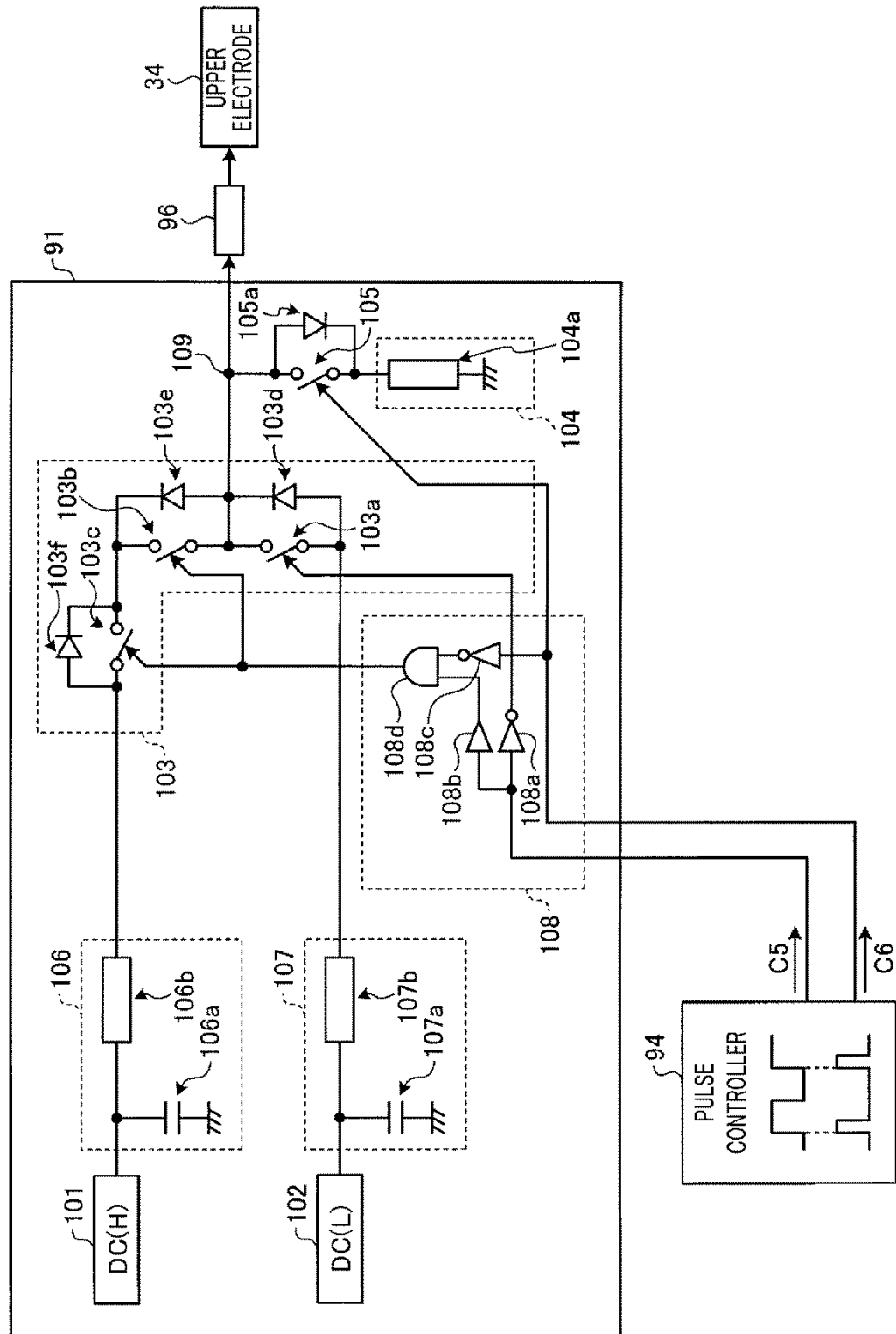


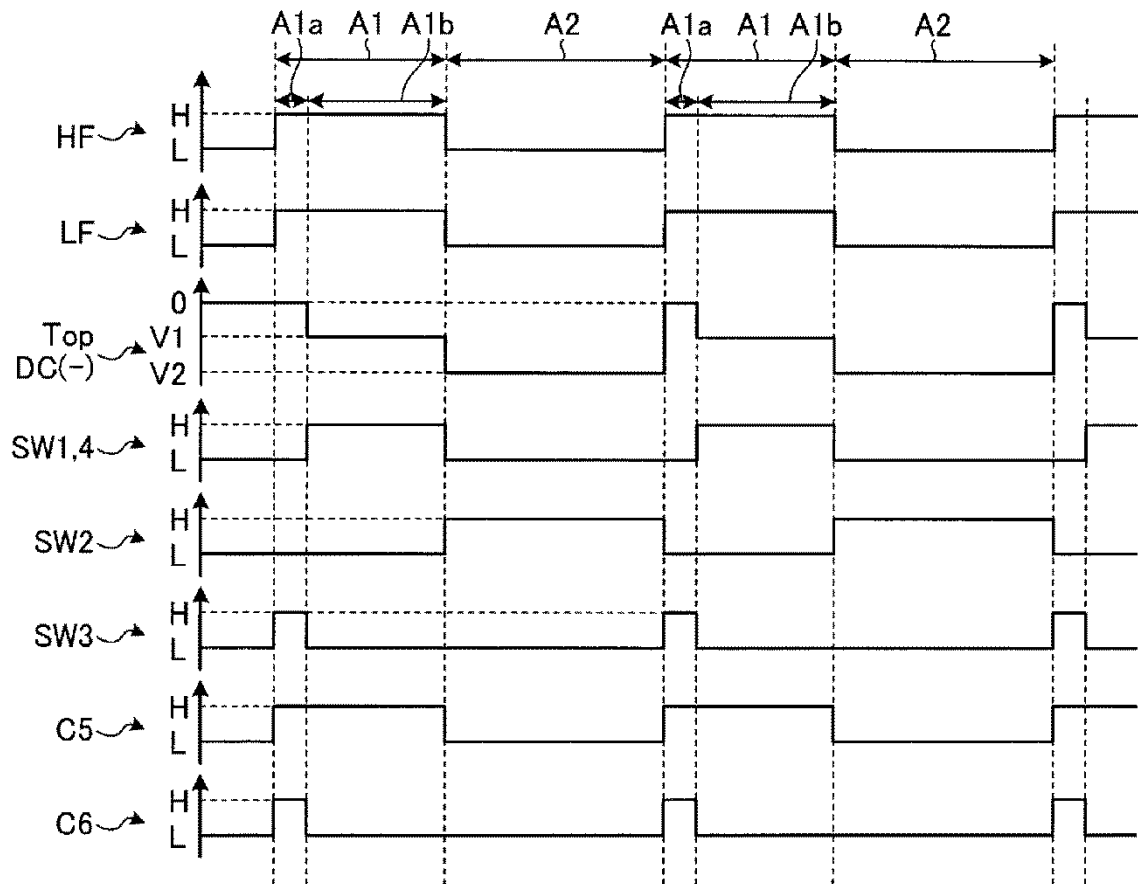
FIG. 4

FIG. 5
(PRIOR ART)

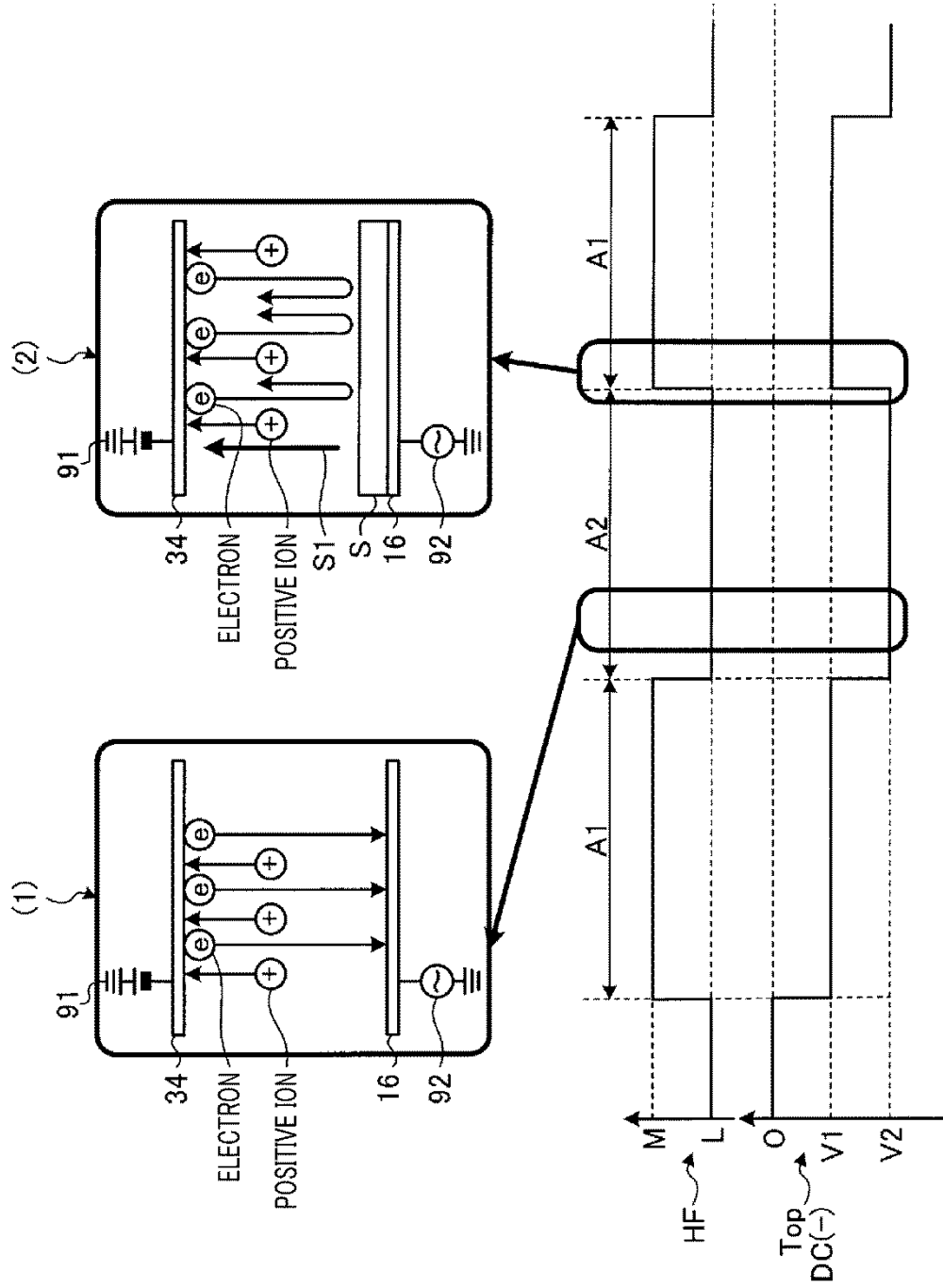


FIG. 6

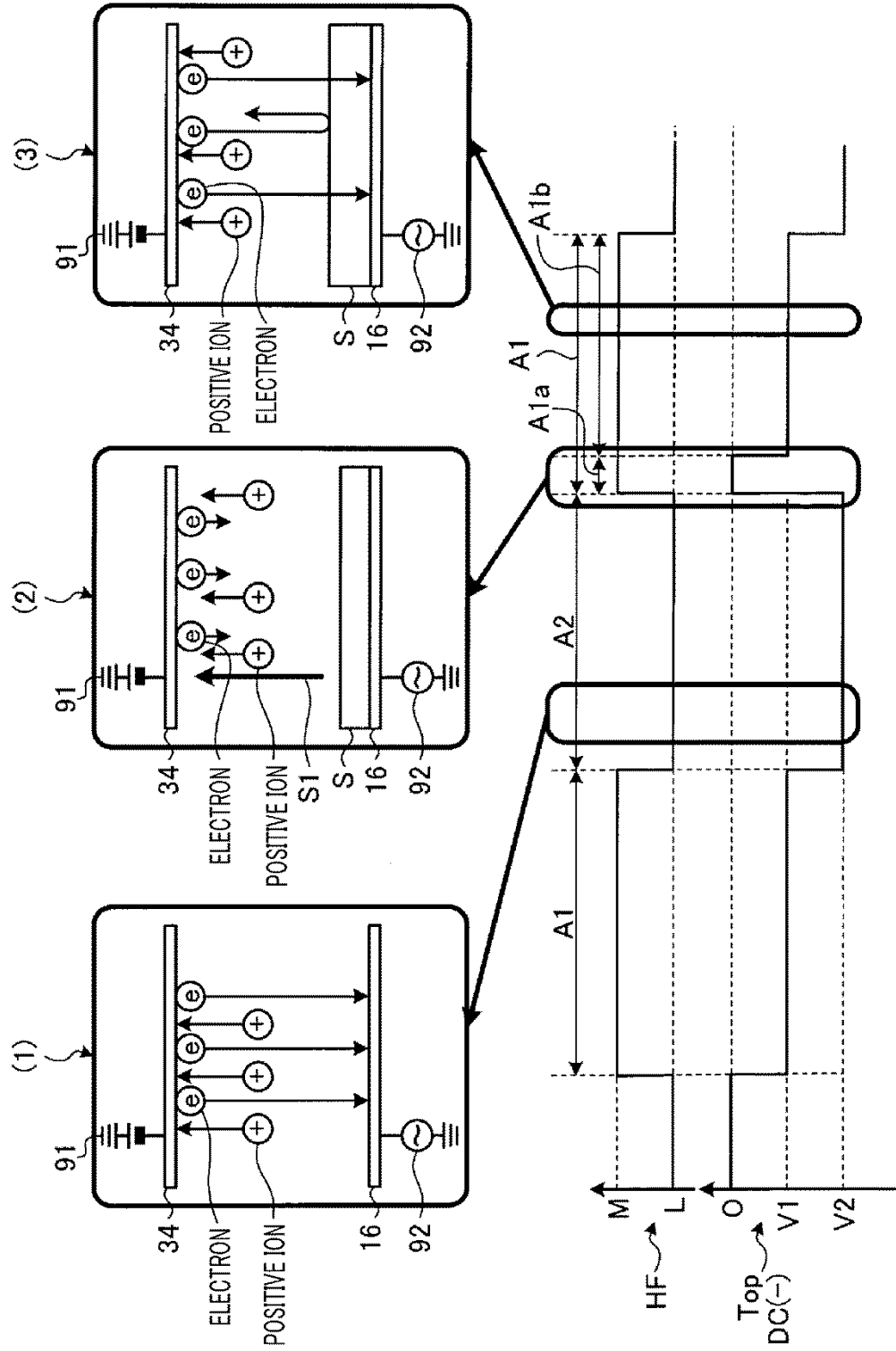


FIG. 7

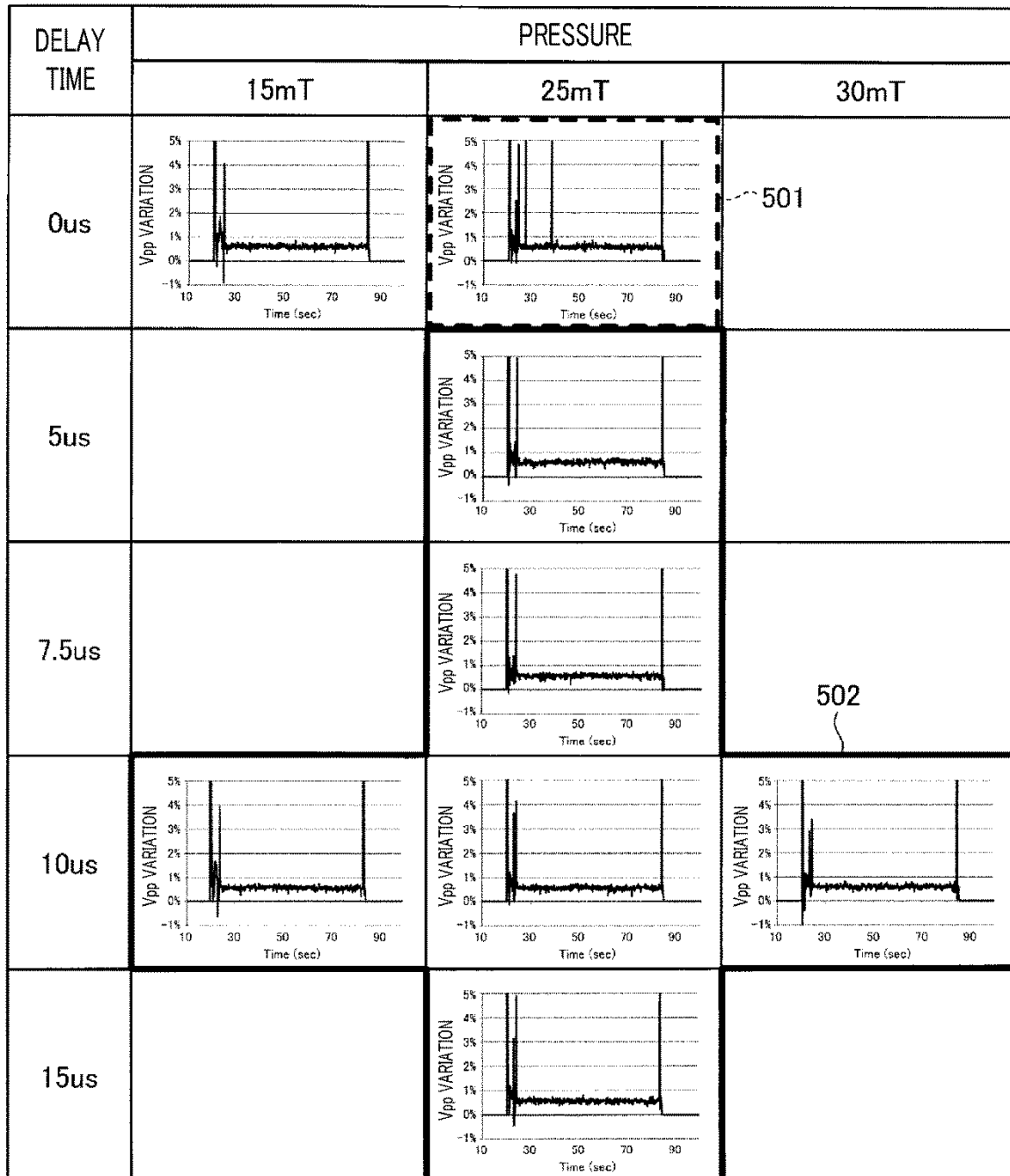


FIG. 8A

FILM TYPE	ON TIME (us)	DELAY TIME (us)	VOLTAGE STOP PERIOD RATIO (%)	E/R[nm/min]	E/R REDUCTION RATIO (%)
Poly	60	0	0	28	0
Poly	60	10	17	27.5	1.79
Poly	60	15	25	27	3.57
Ox	60	0	0	585.9	0
Ox	60	10	17	575.1	1.84
Ox	60	15	25	566.3	3.35

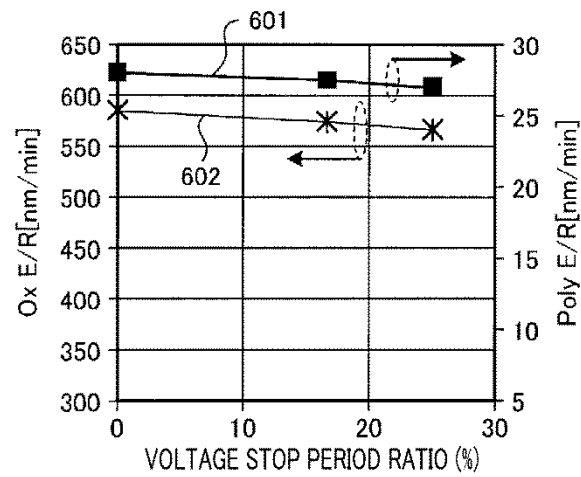
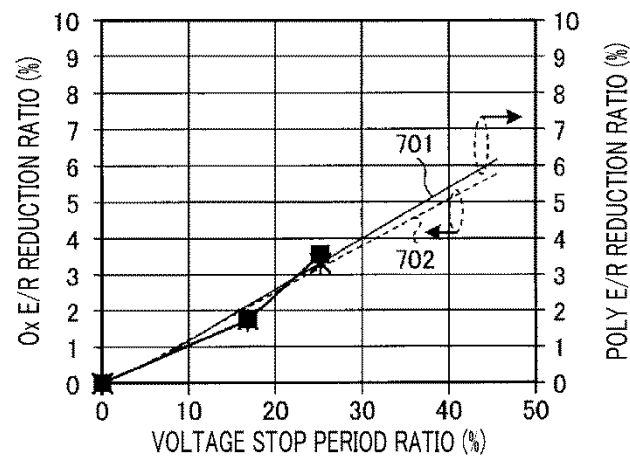
FIG. 8B*FIG. 8C*

FIG. 9

DC On delay 15us																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
LF12kW					LF15kW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Frequency	4kHz	Duty				4kHz	5kHz	10kHz	Duty				4kHz	5kHz	10kHz																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		20%	30%	40%	50%				60%	20%	30%	40%				50%	60%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

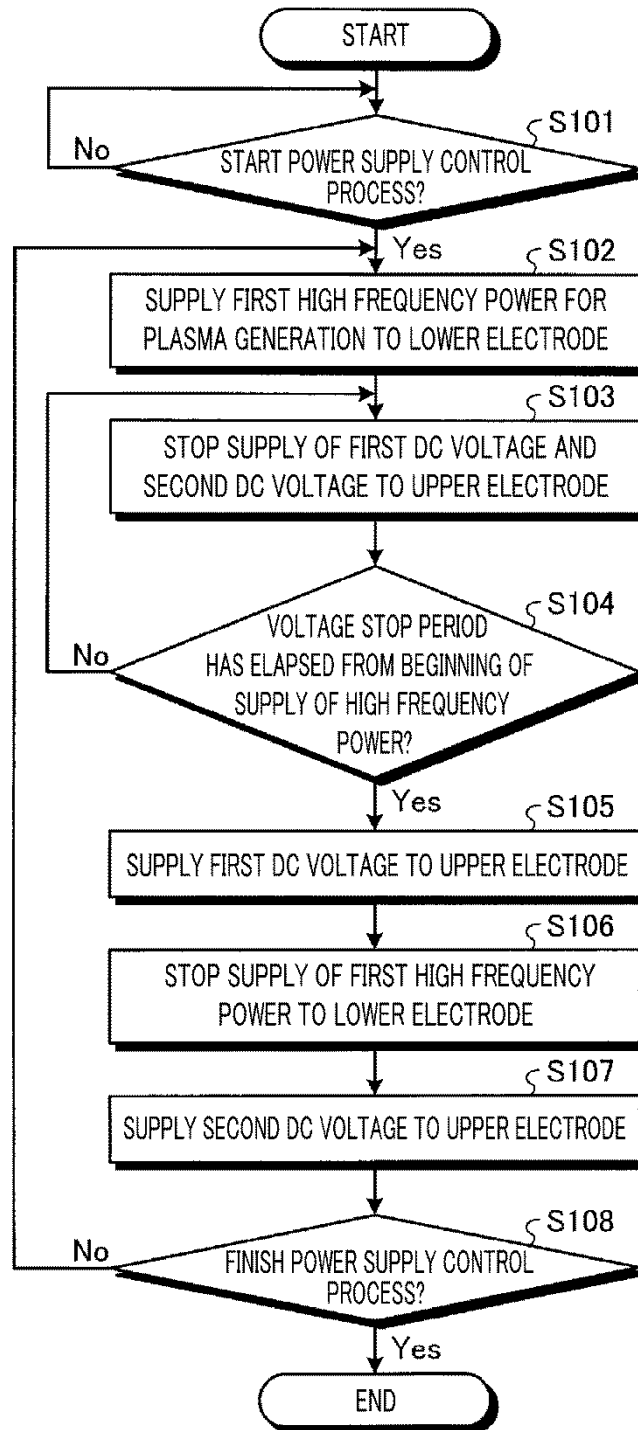
FIG. 10

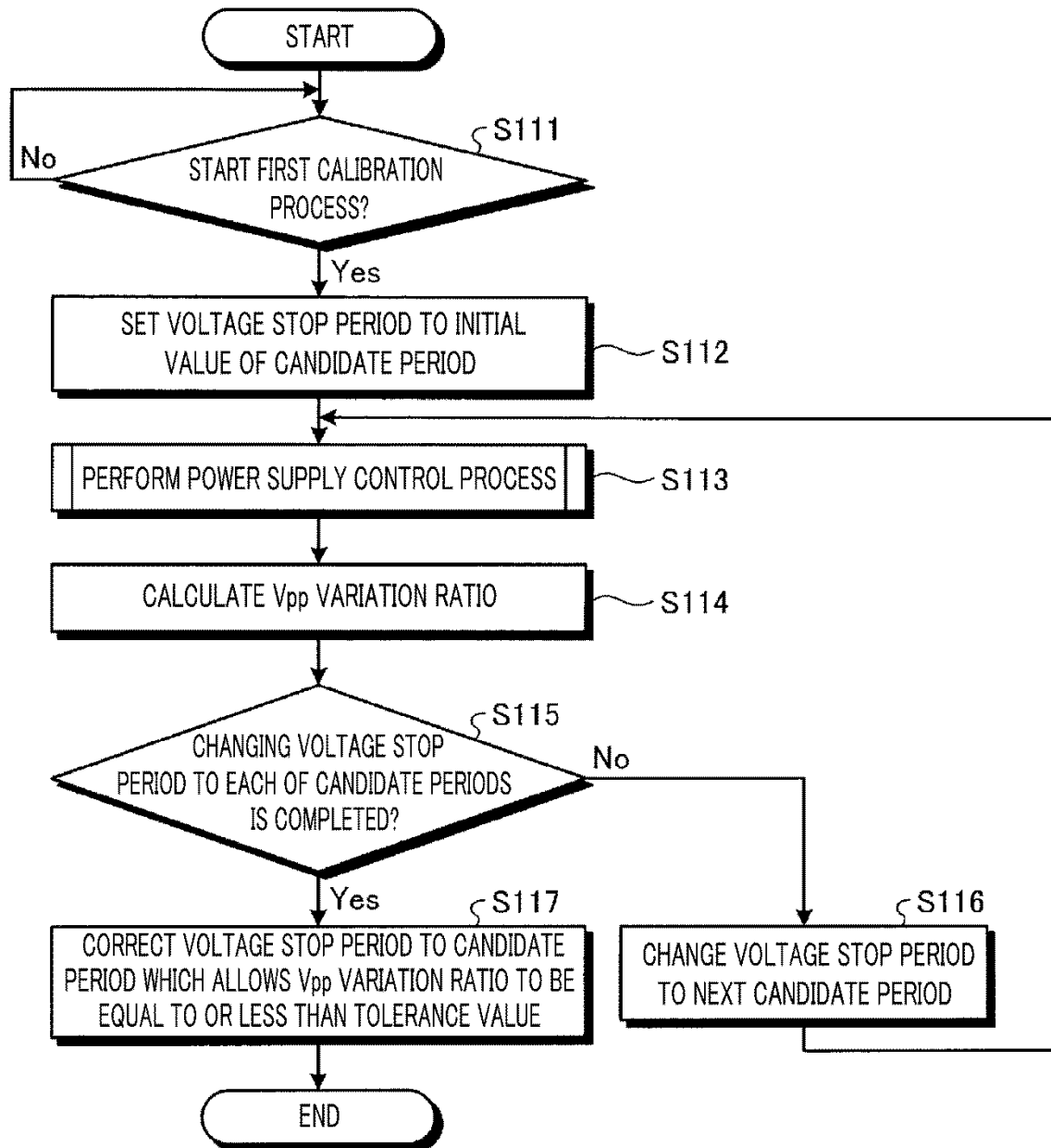
FIG. 11

FIG. 12