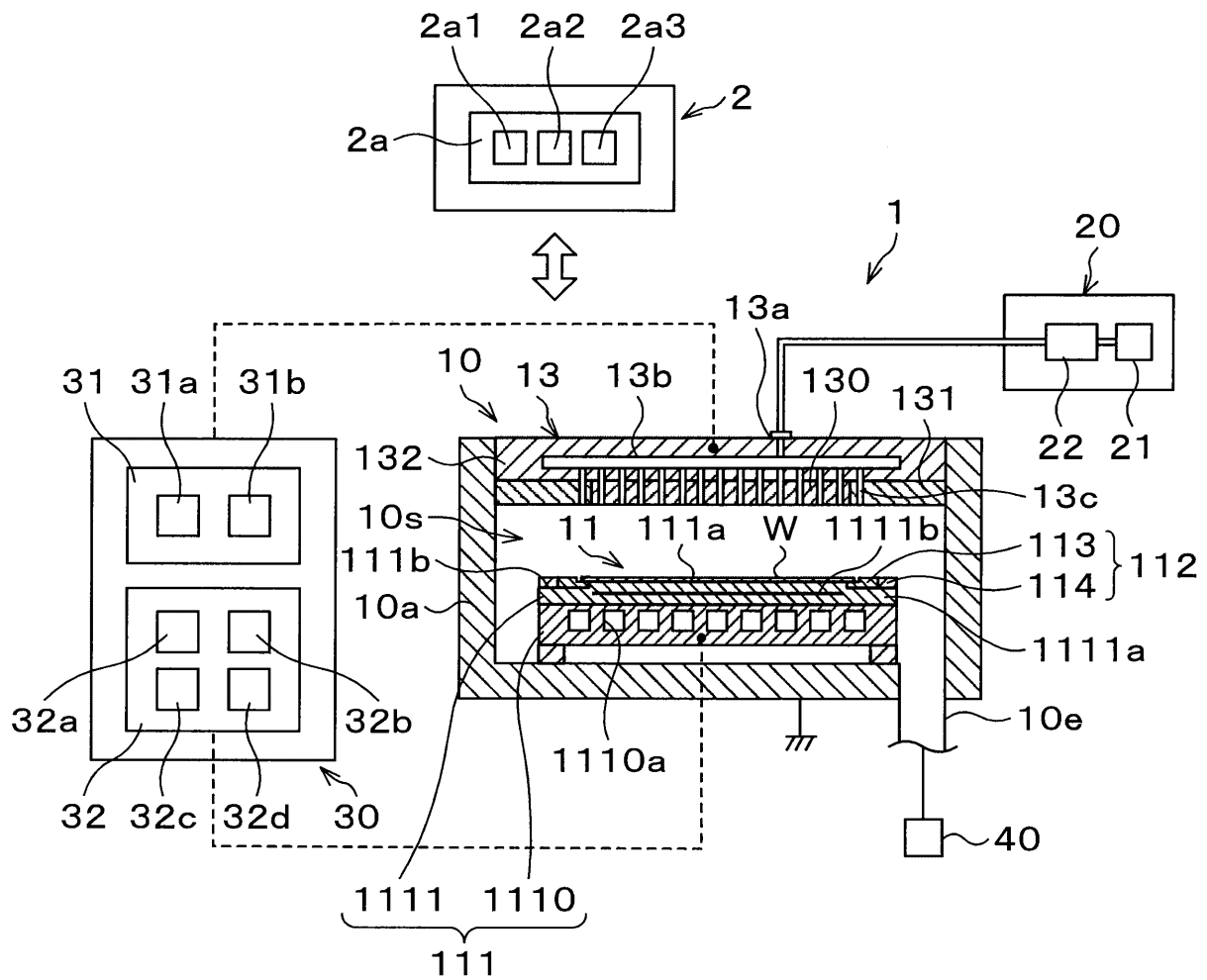
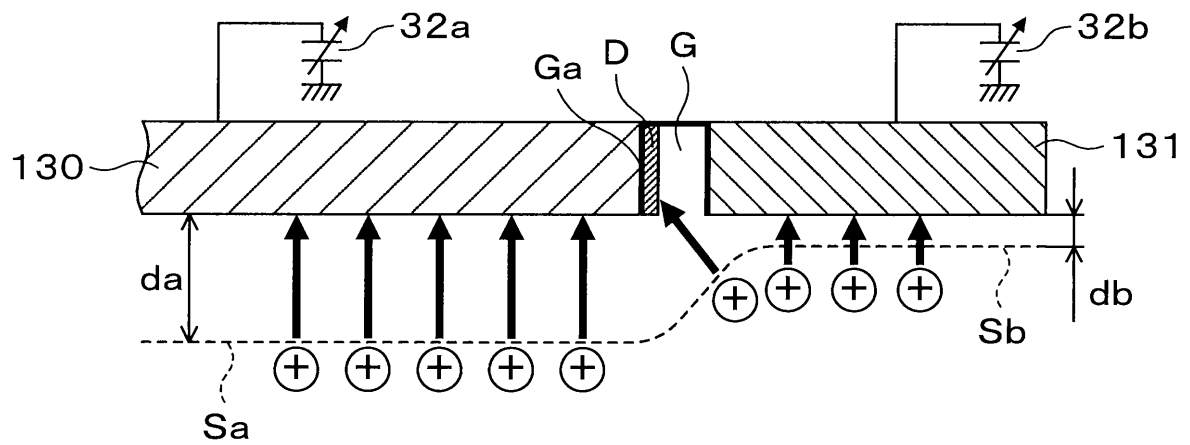


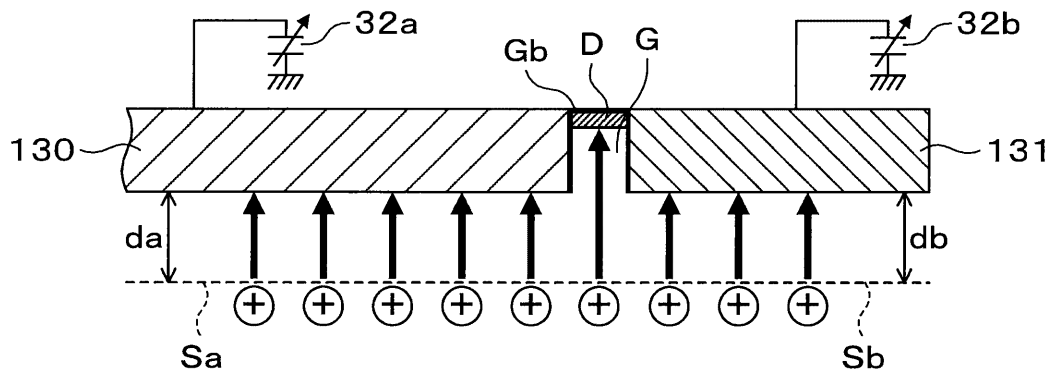
[FIG. 1]



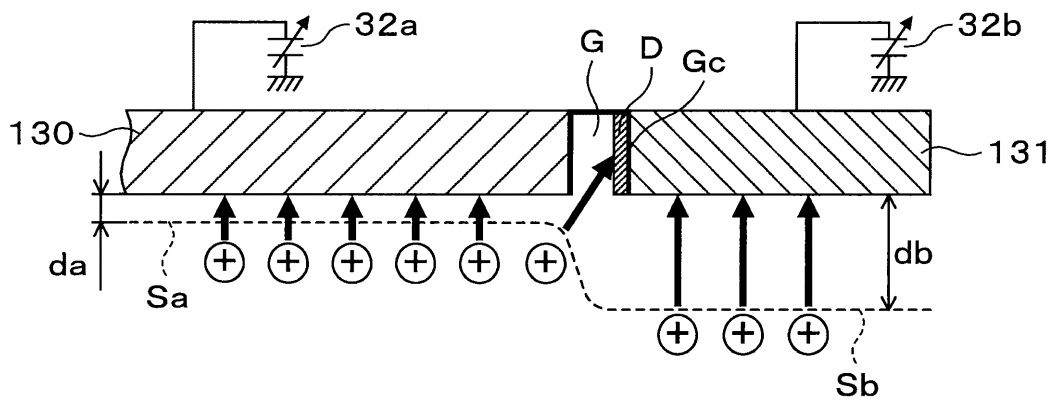
[FIG. 2]



[FIG. 3]



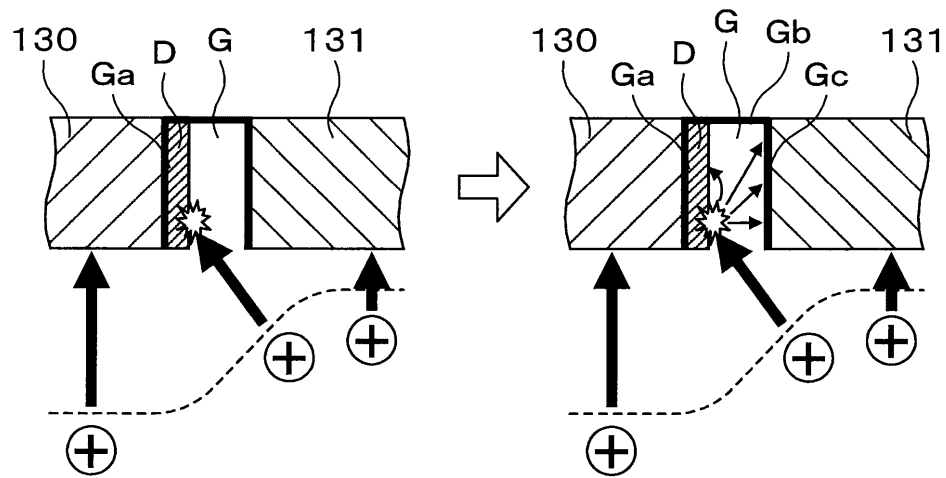
[FIG. 4]



[FIG. 5]

Step	INNER DC VOLTAGE	OUTER DC VOLTAGE	CLEANING REGION	INCIDENT IONS (DIRECTION & FORCE)
S1	500	150	Ga	
S2	500	300	Ga	
S3	500	500	Gb	
S4	300	500	Gc	
S5	300	750	Gc	
S6	300	1000	Gc	
S7	300	1200	Gc	
S8	300	1400	Gc	

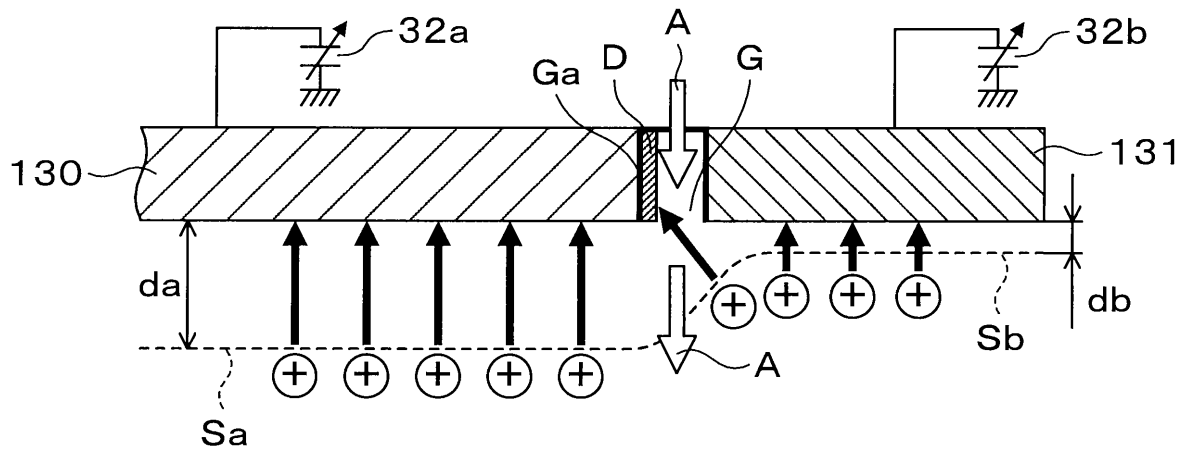
[FIG. 6]



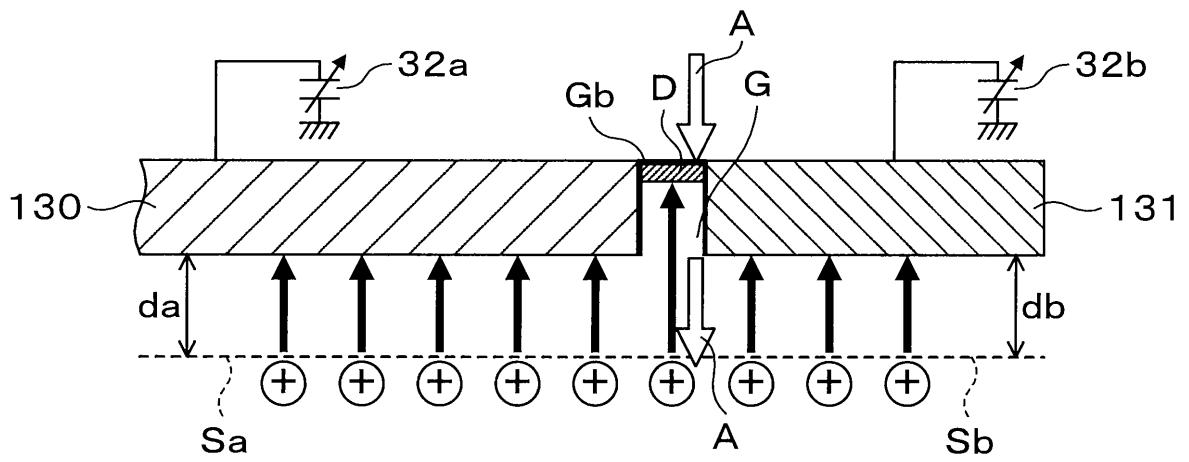
[FIG. 7]

Step	INNER DC VOLTAGE	OUTER DC VOLTAGE	CLEANING REGION	INCIDENT IONS (DIRECTION & FORCE)	CYCLE
S1	500	150	Ga		
S2	500	300	Ga		
S3	500	500	Gb		
S4	300	500	Gc		
S5	300	750	Gc		
S6	300	1000	Gc		
S7	300	1200	Gc		
S8	300	1400	Gc		
S9	300	1200	Gc		
S10	300	1000	Gc		
S11	300	750	Gc		
S12	300	500	Gc		
S13	500	500	Gb		
S14	500	300	Ga		

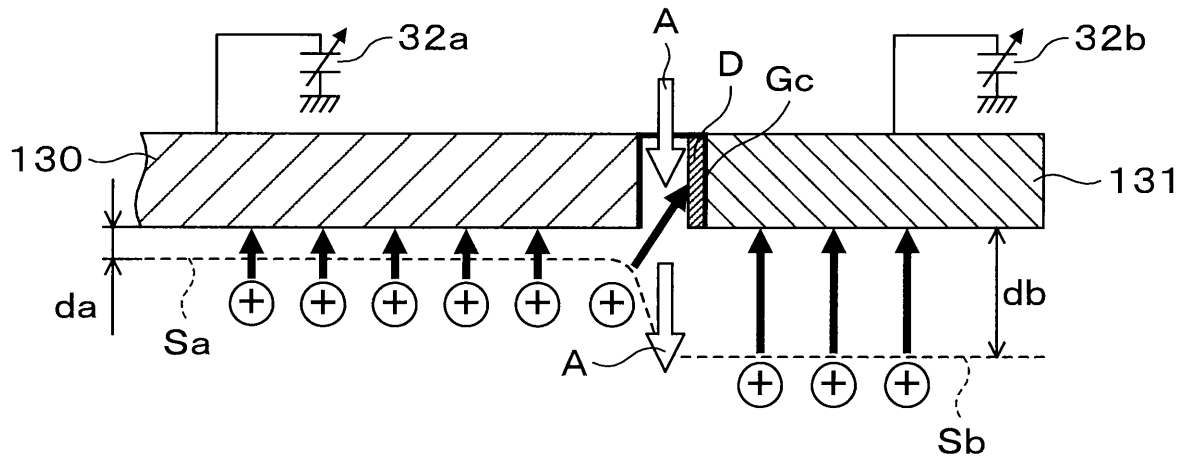
[FIG. 8]



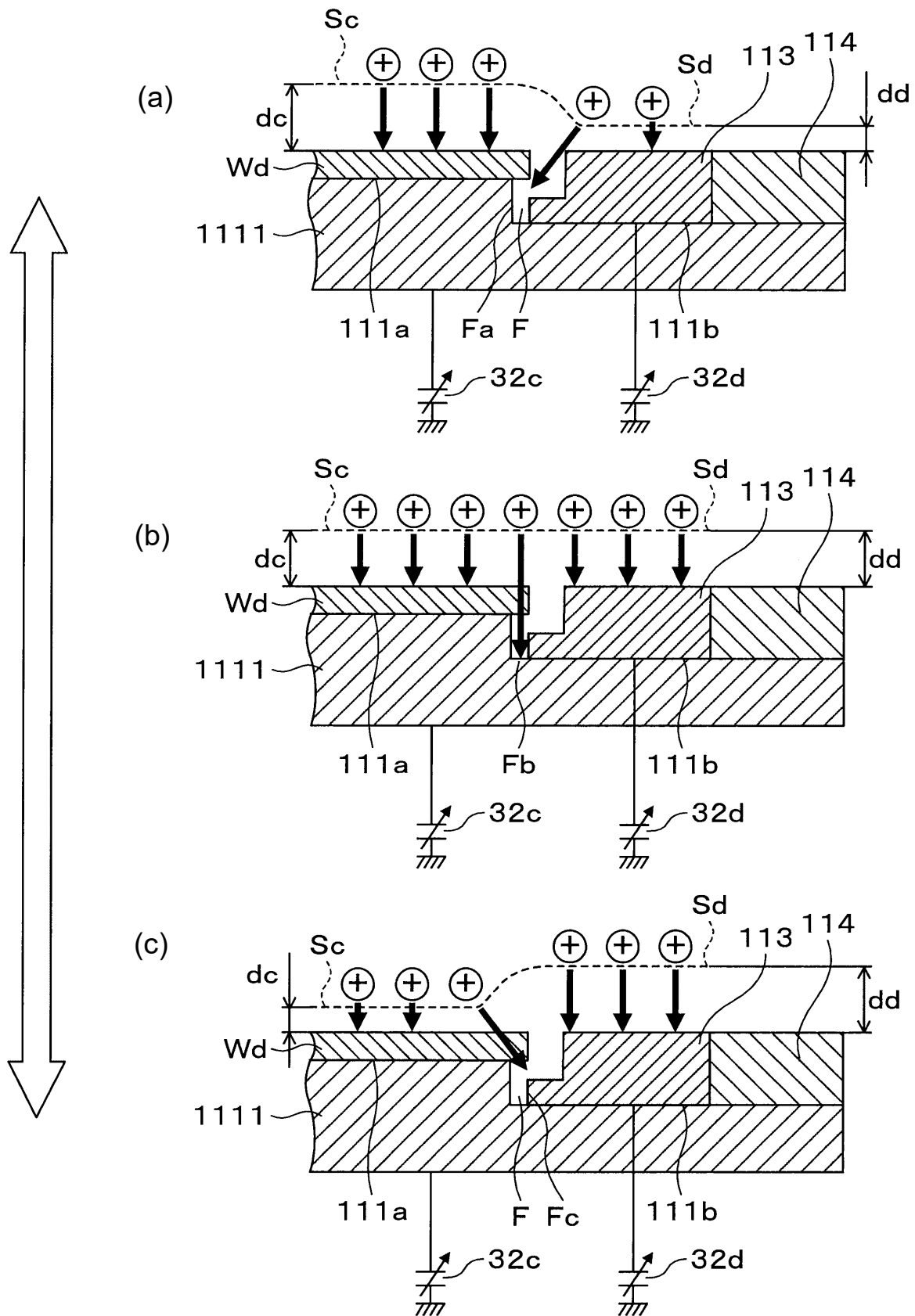
[FIG. 9]



[FIG. 10]



[FIG. 11]



[FIG. 12]

