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FIG. 1

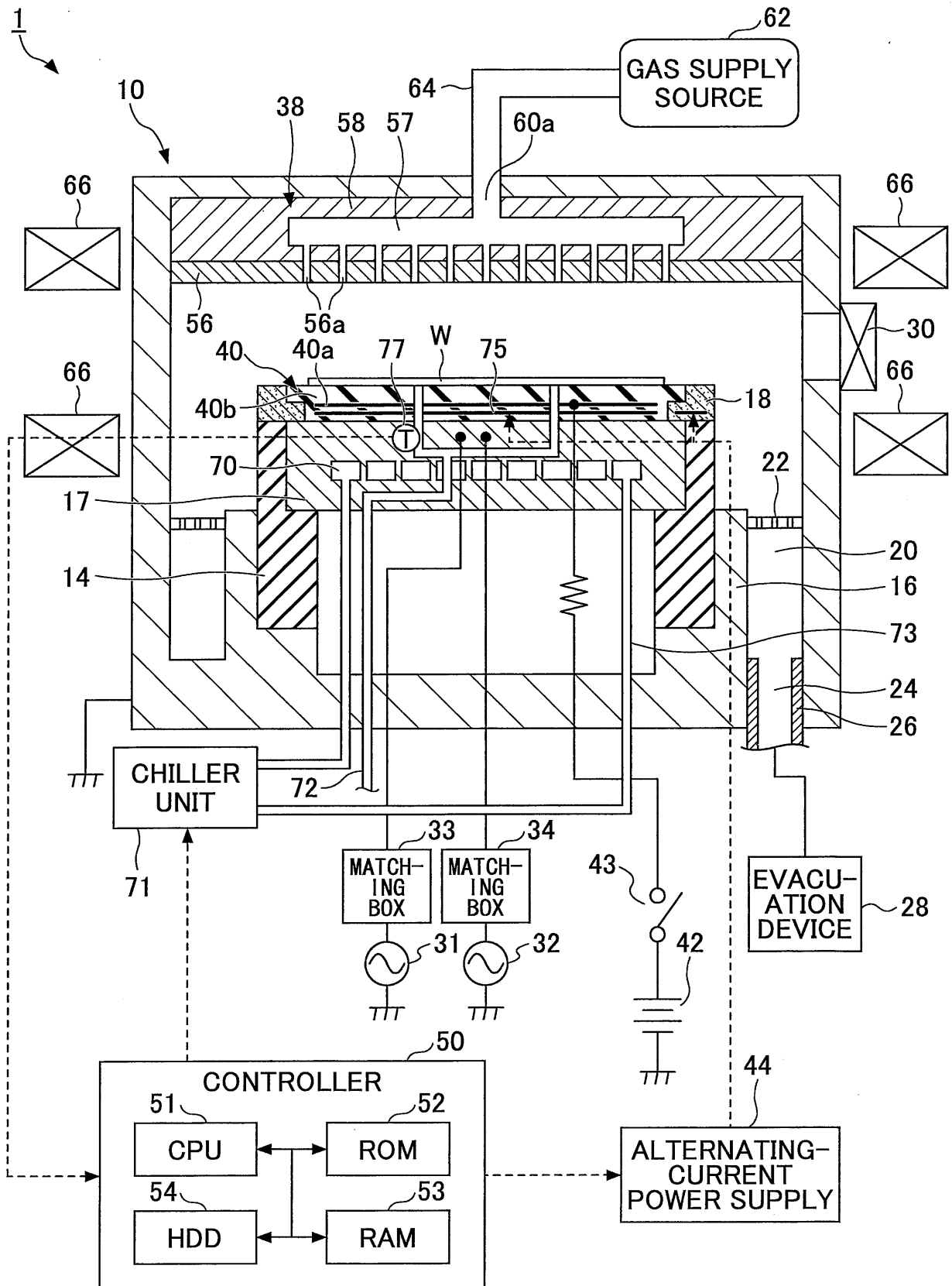


FIG.2

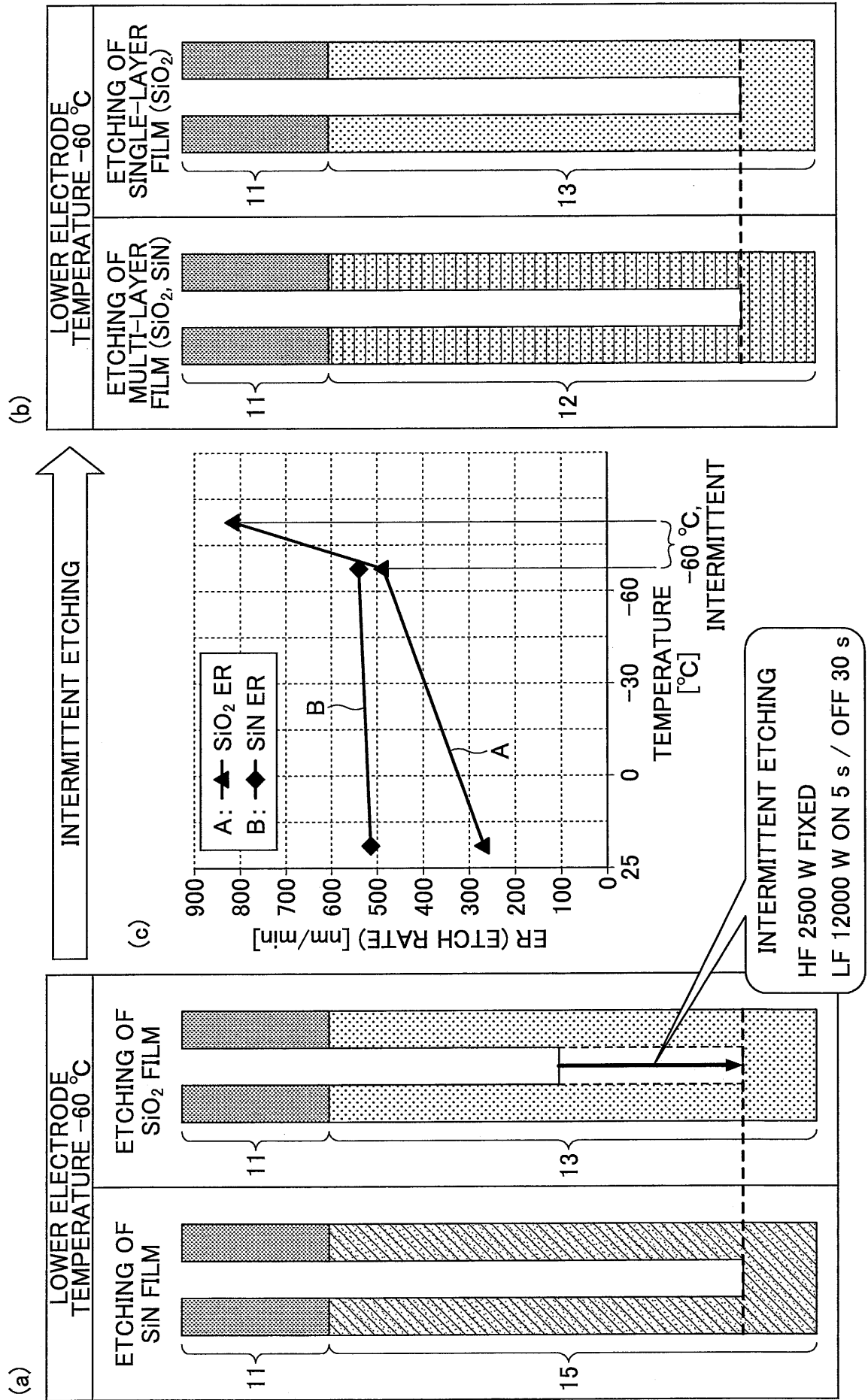


FIG. 3

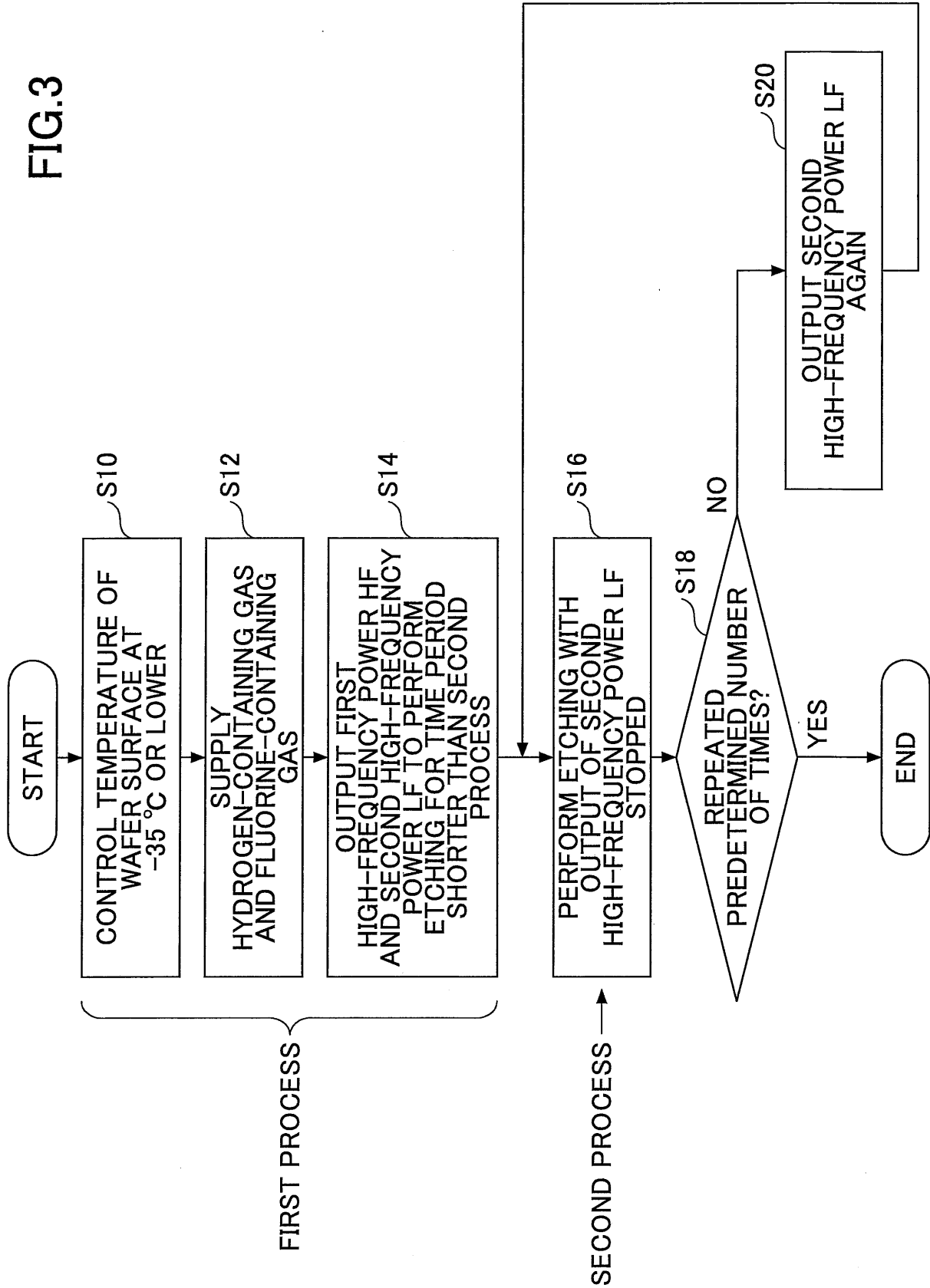


FIG.4A

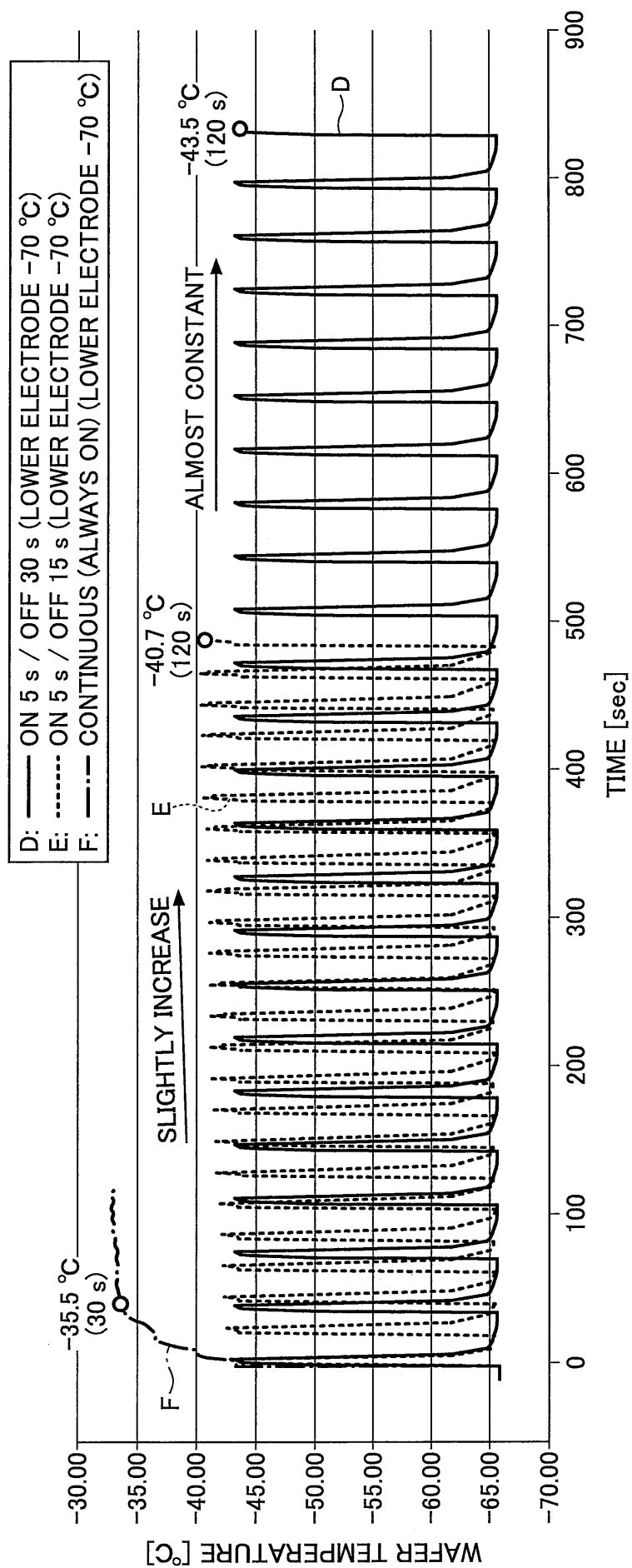
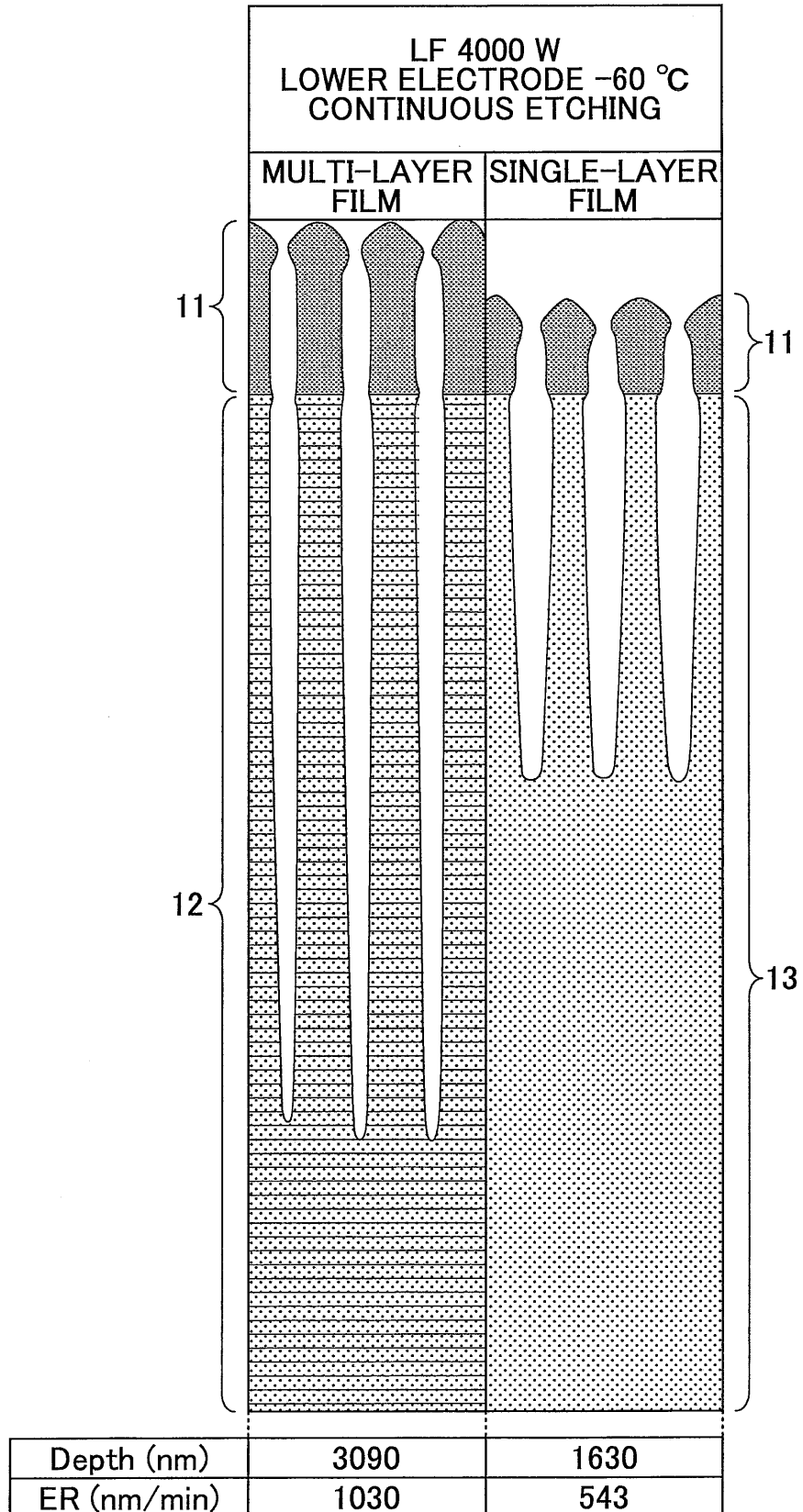


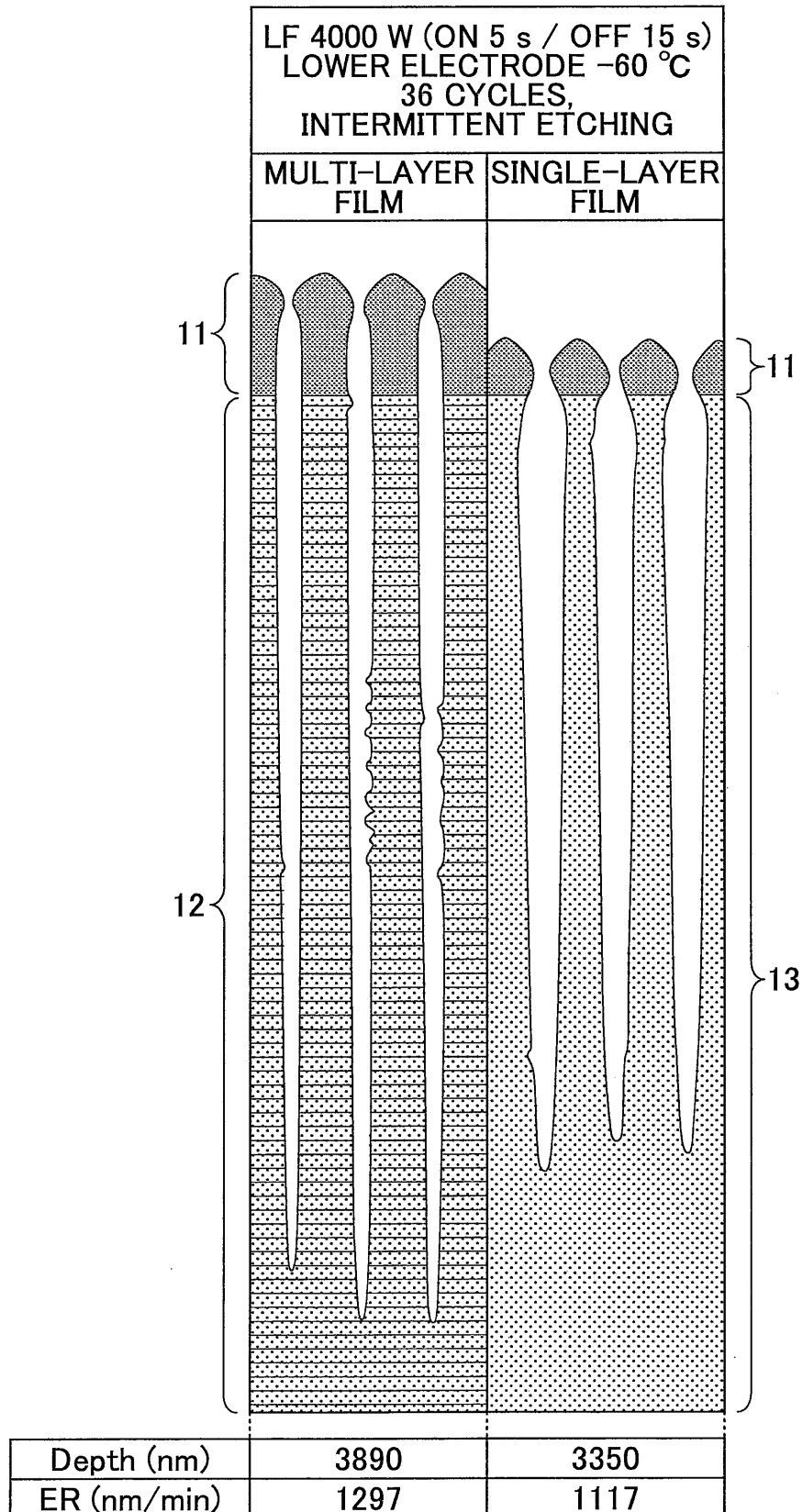
FIG.4B

No. LINE	TIME/TEMPERATURE	AT IGNITION	5 s	10 s	20 s	30 s	120 s	TEMPER- ATURE INCREASE Δ
1	F CONTINUOUS 120 s	-65.1	1st -43.0	2nd -40.2	4th -36.6	6th -35.5	24th -33.0	32.0
2	E (ON 5 s / OFF 15 s)* 24 TIMES	-65.2	-43.5	-42.8	-42.4	-42.2	-40.7	24.5
3	D (ON 5 s / OFF 30 s)* 24 TIMES	-64.6	-43.7	-43.6	-43.7	-43.6	-43.5	21.1

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FIG.5A



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FIG.5B



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FIG.5C

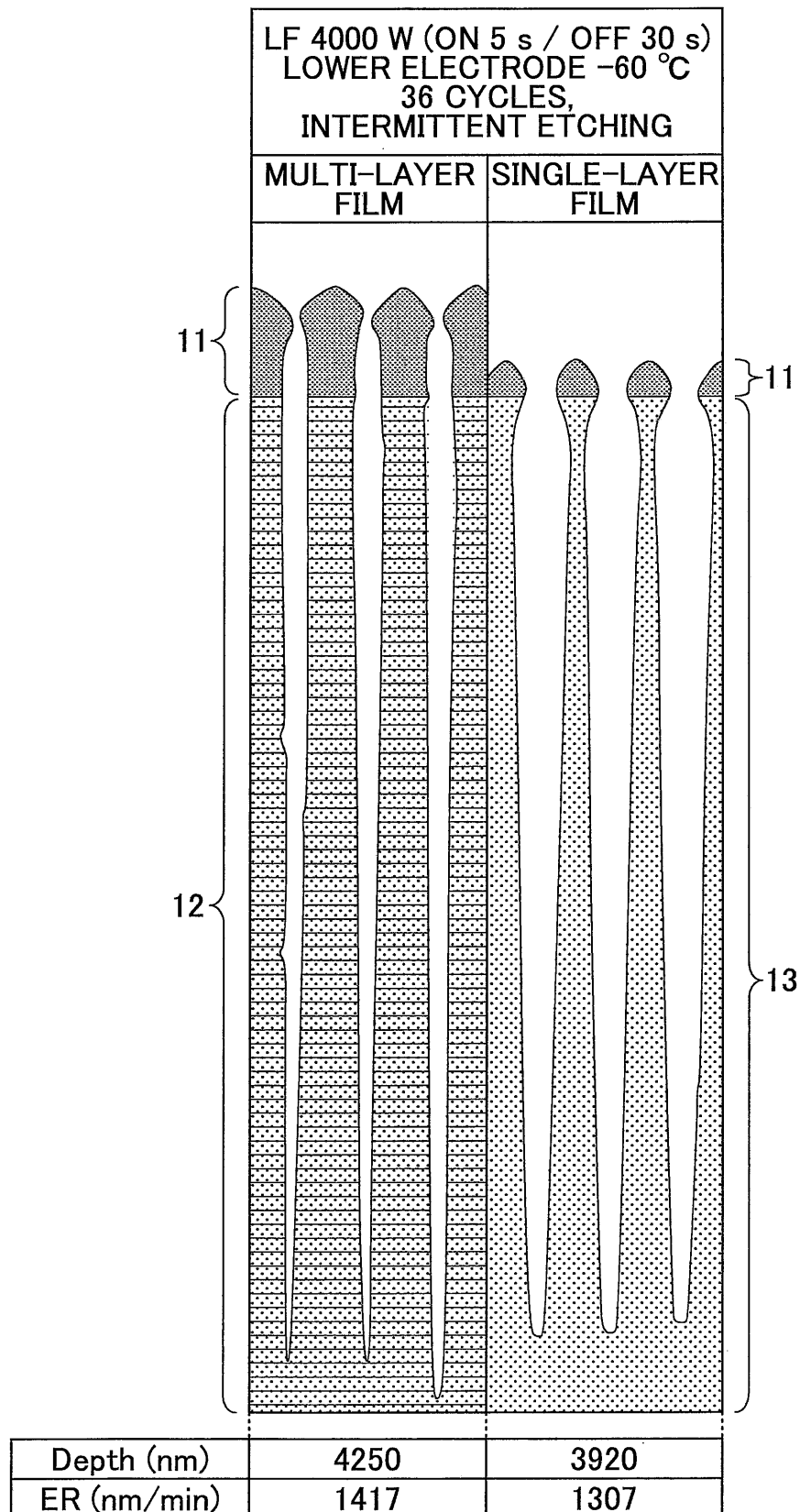
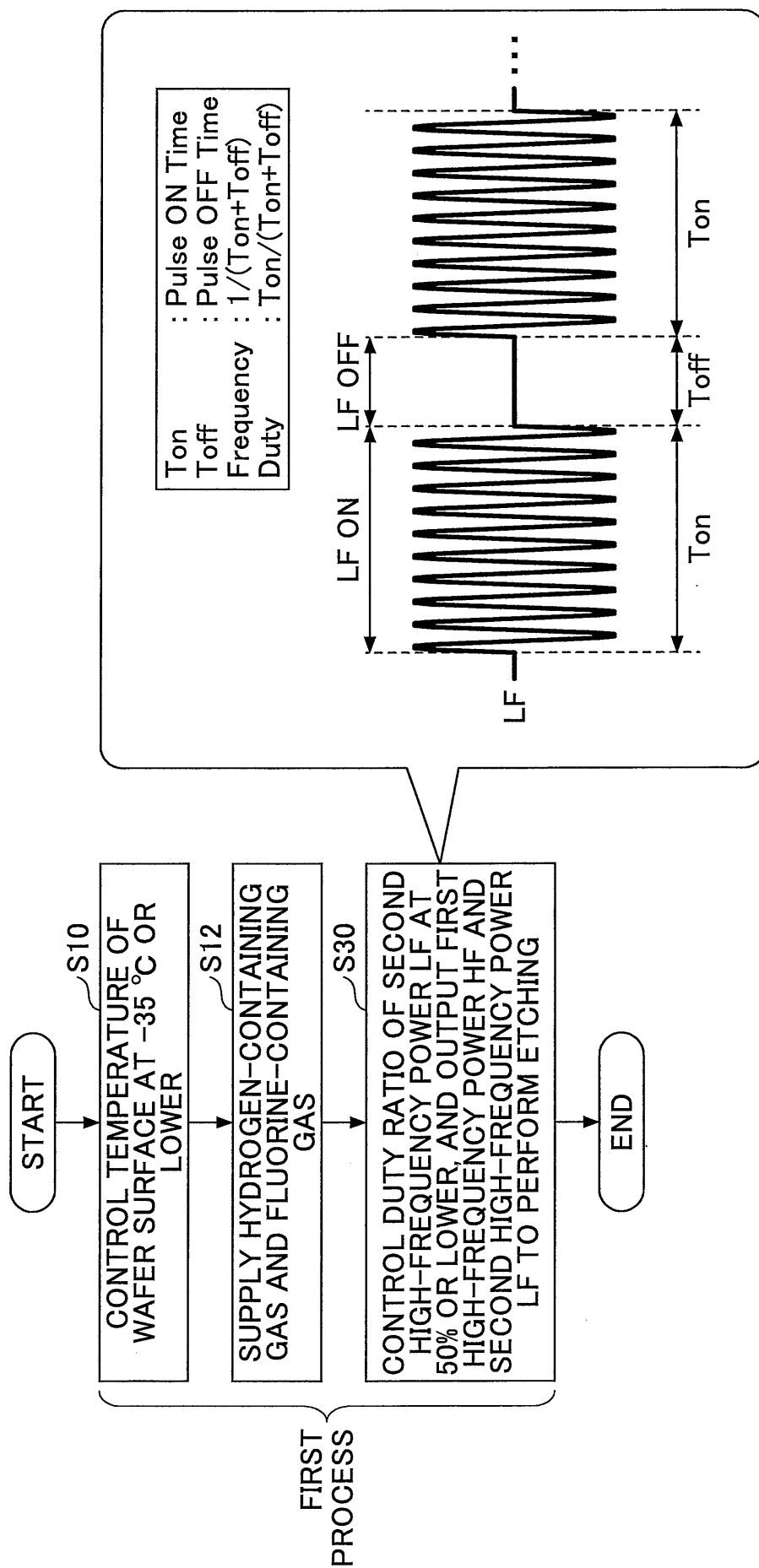
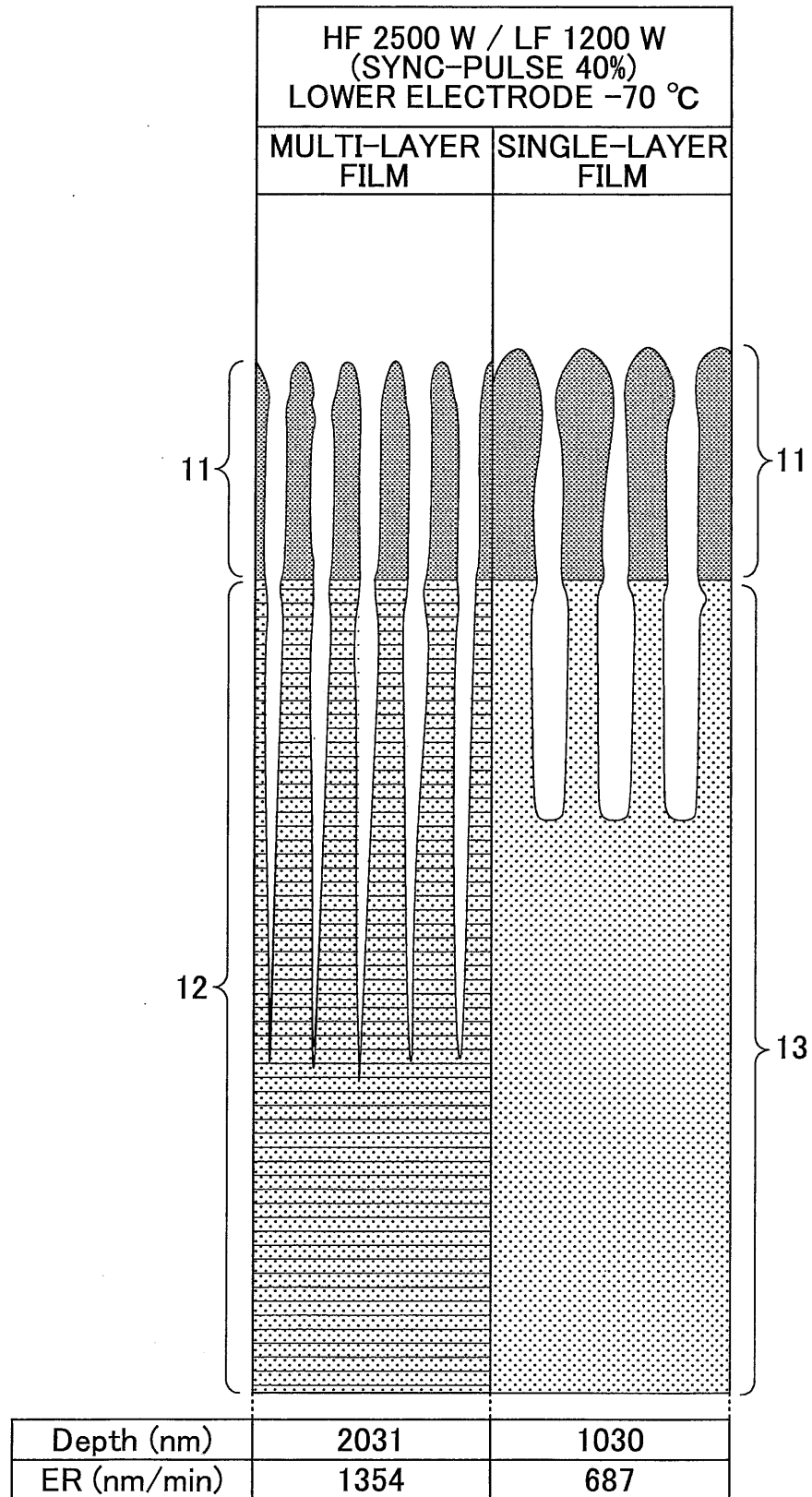


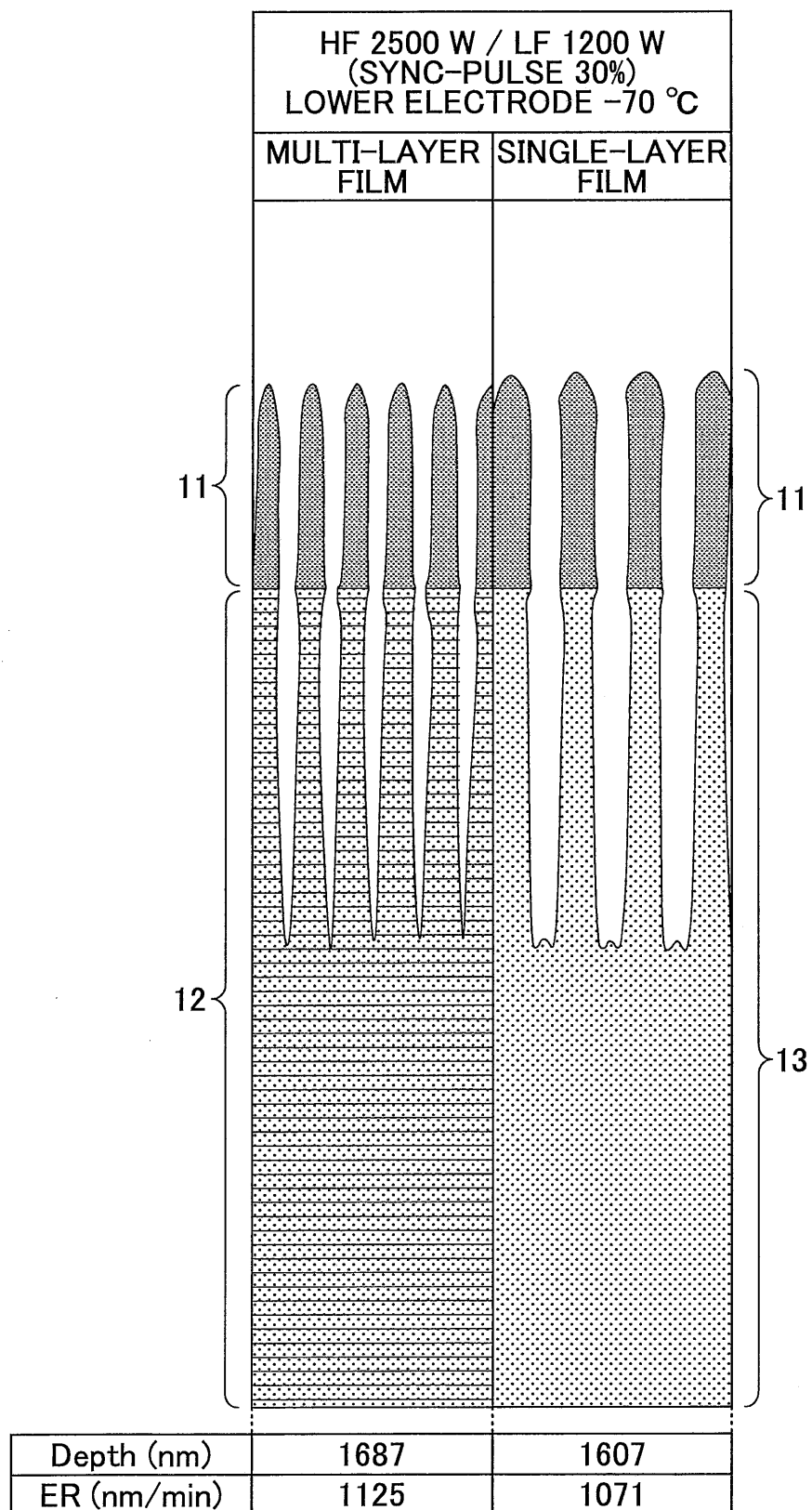
FIG.6



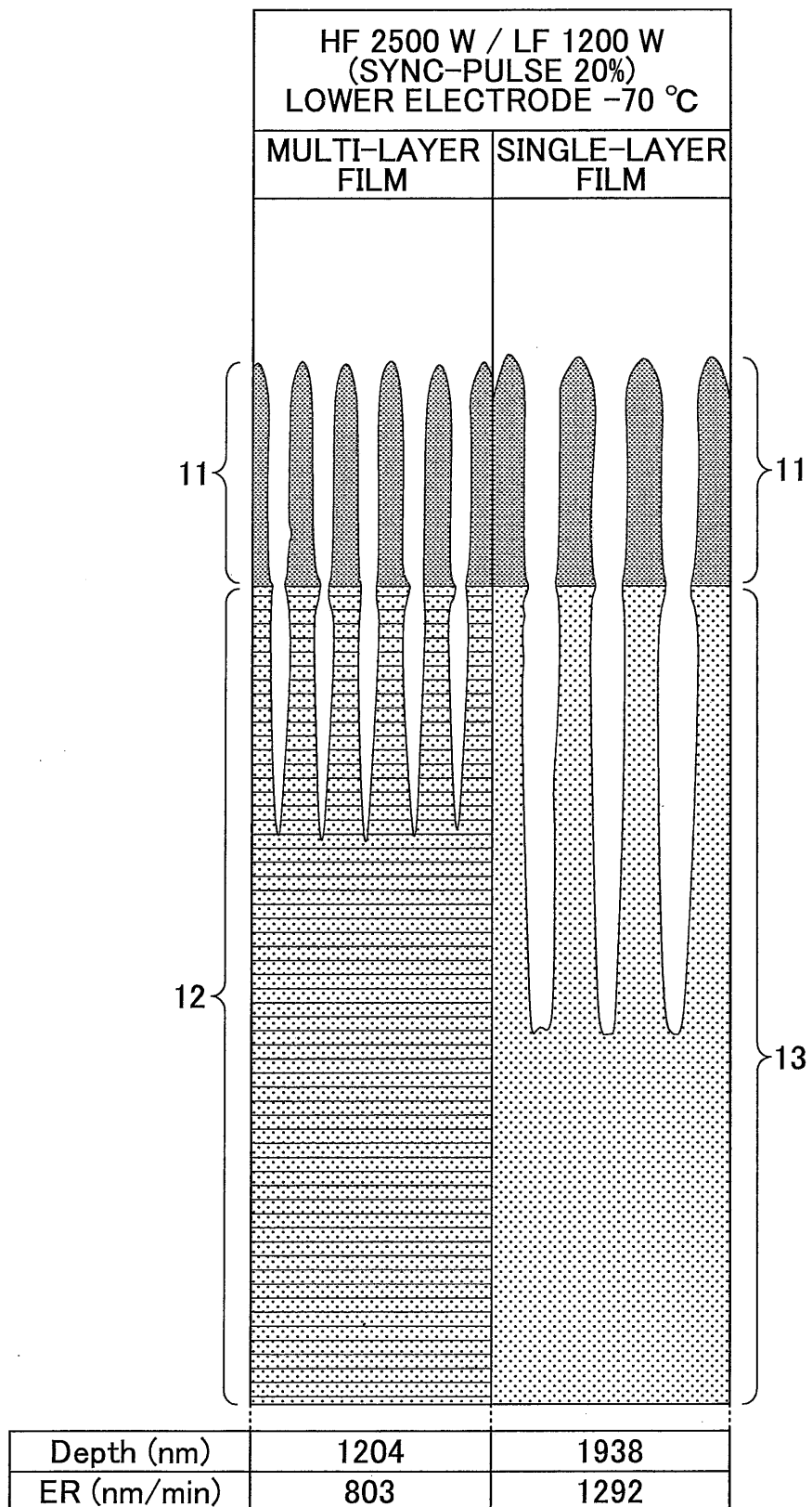
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FIG.7A



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FIG.7B

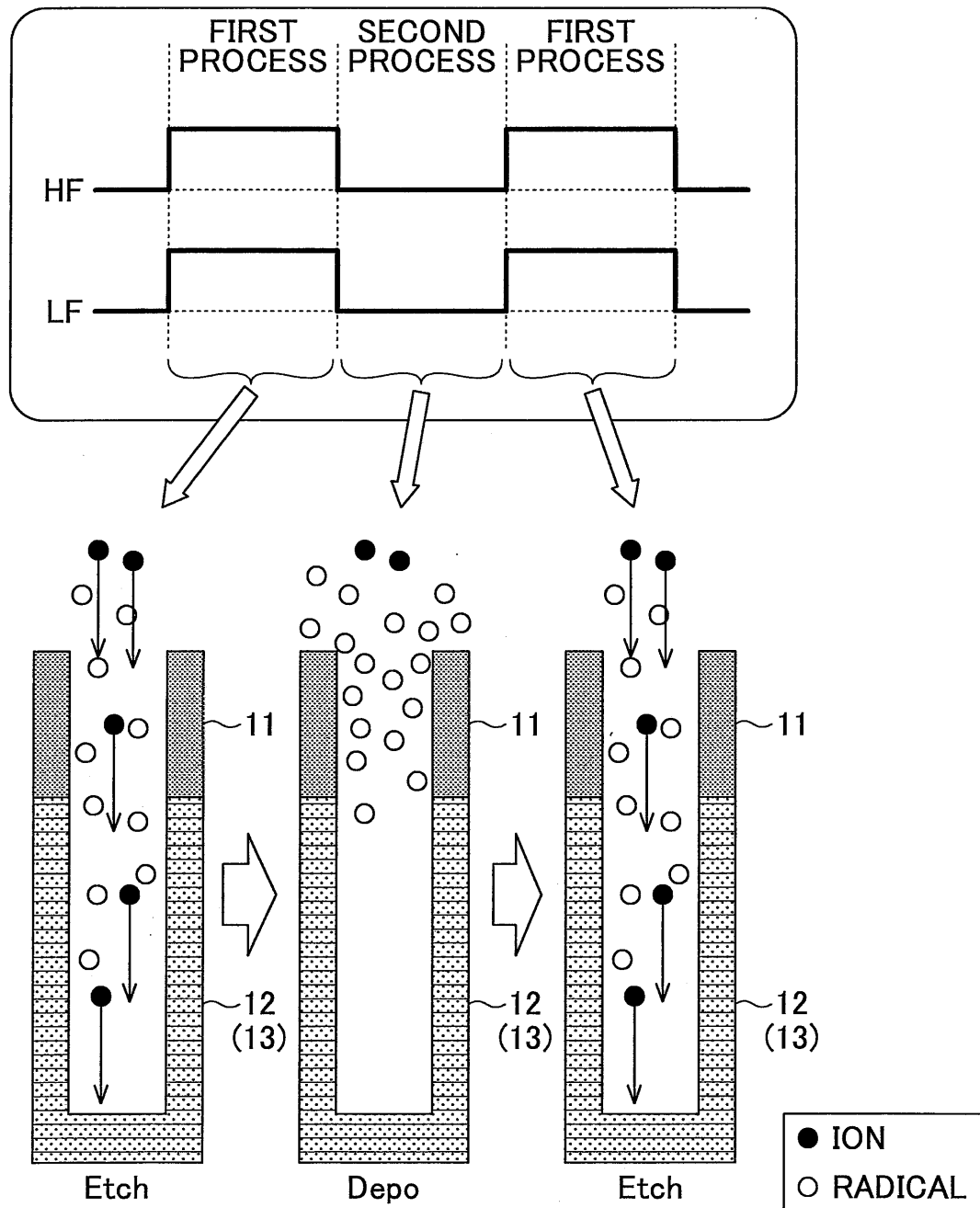


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FIG.7C



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FIG.8A

SYNC-PULSE



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FIG.8B

ADVANCED-PULSE

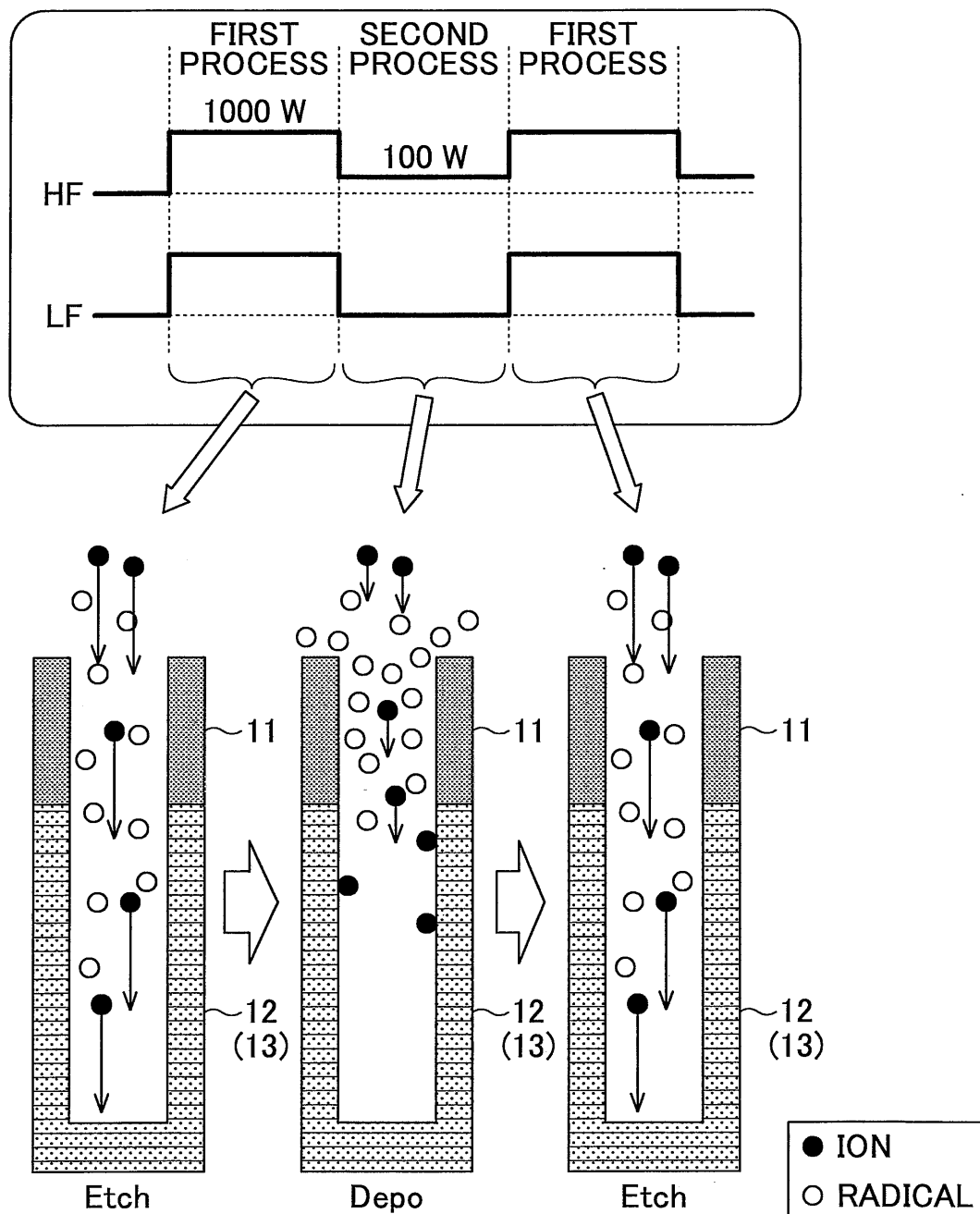
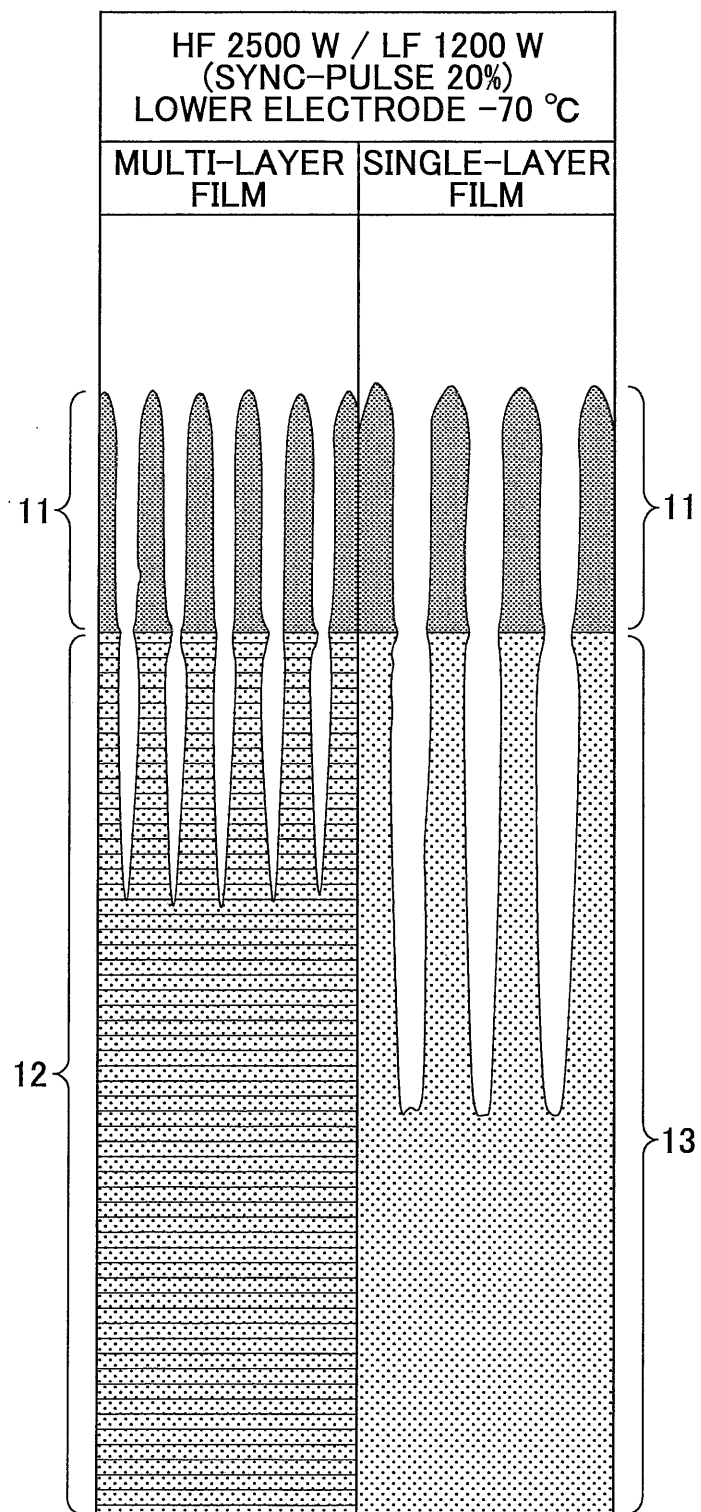


FIG.9A



Depth (nm)	1204	1938
ER (nm/min)	803	1292
Bowing (nm)	100	161

FIG.9B

