FIG.1

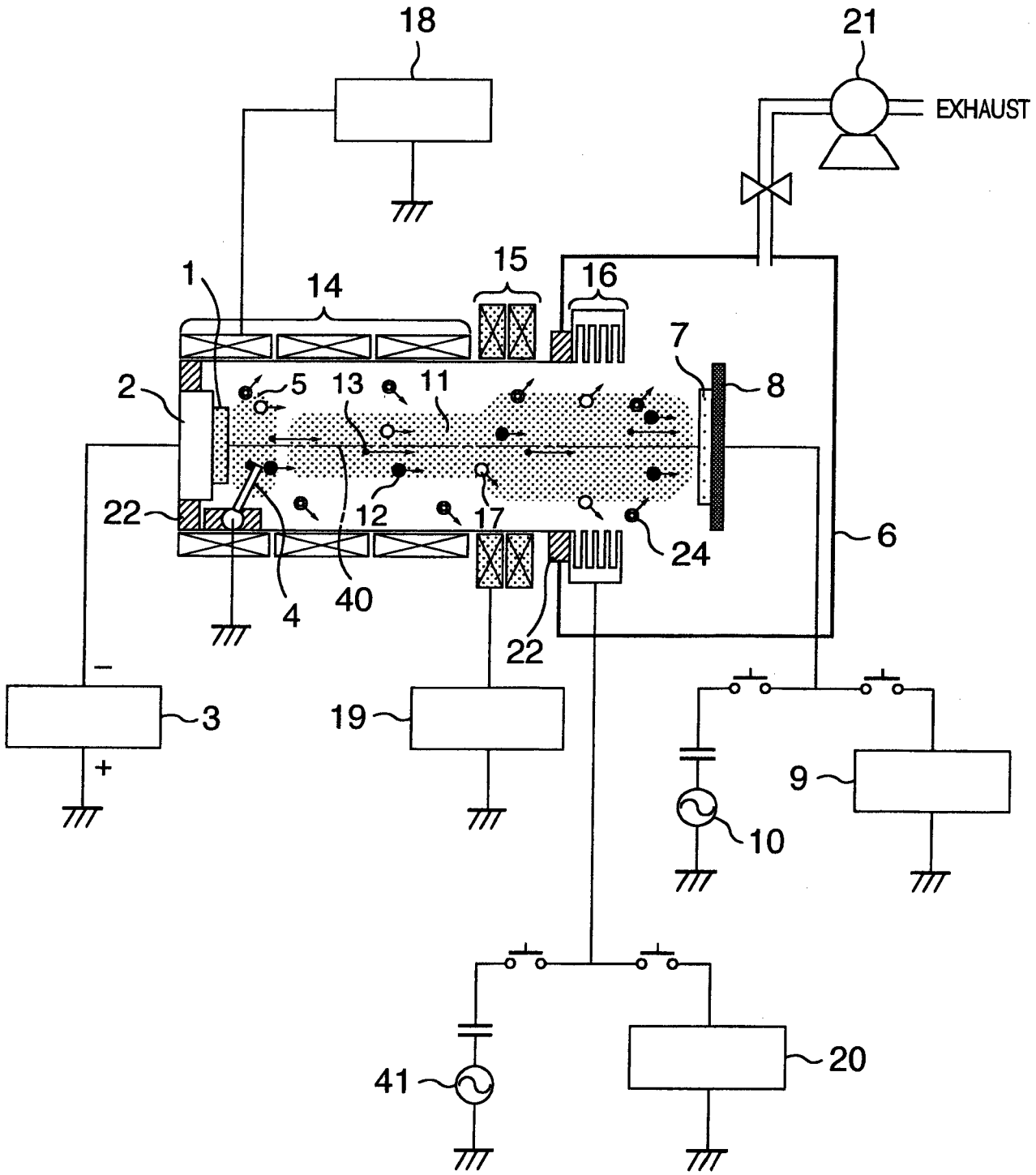

18
21
EXHAUST
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41
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FIG.2A

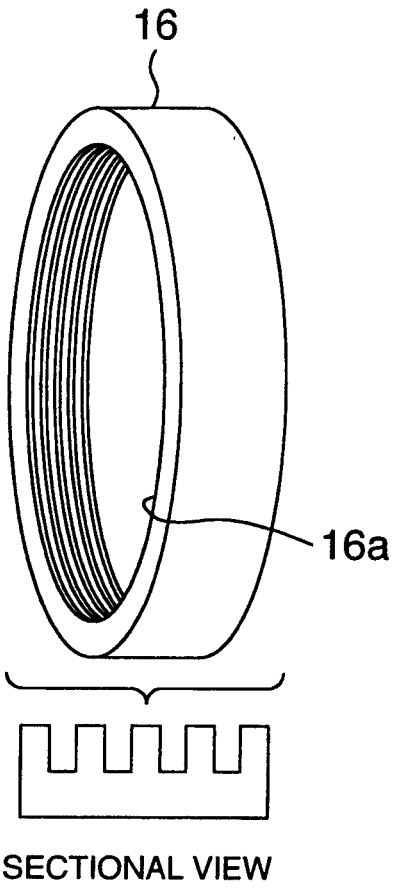


FIG.2B

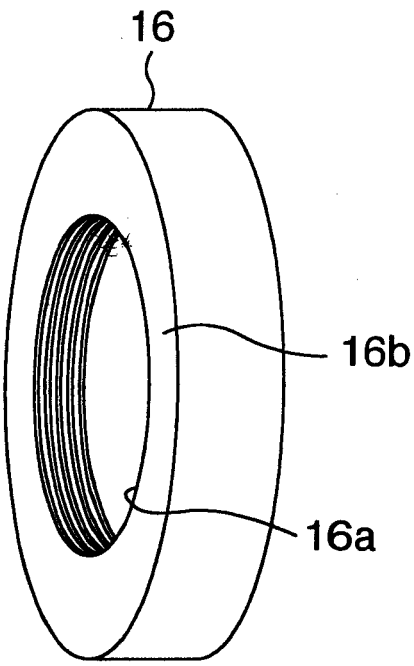


FIG.3

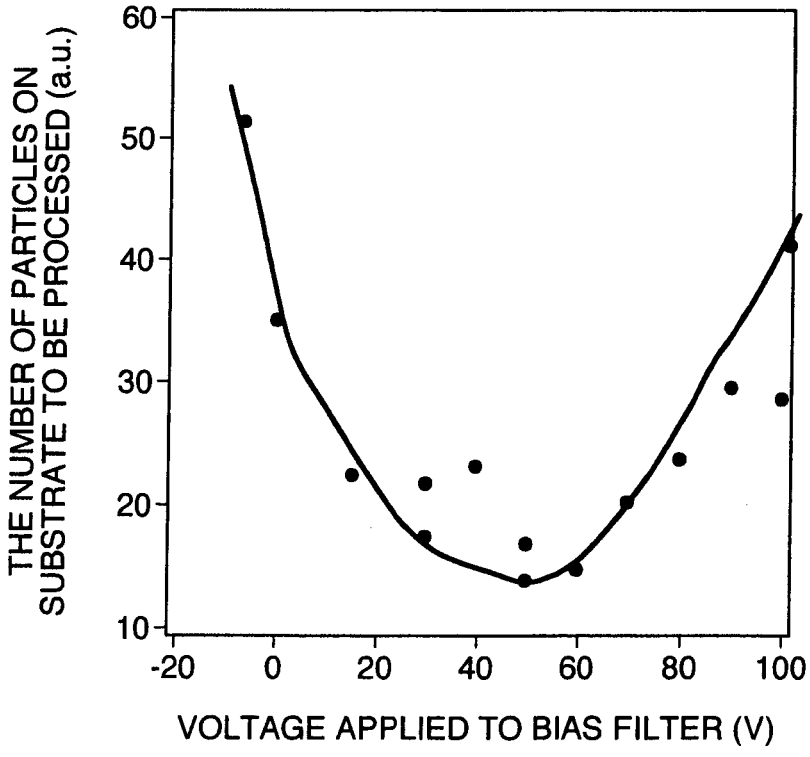


FIG.4

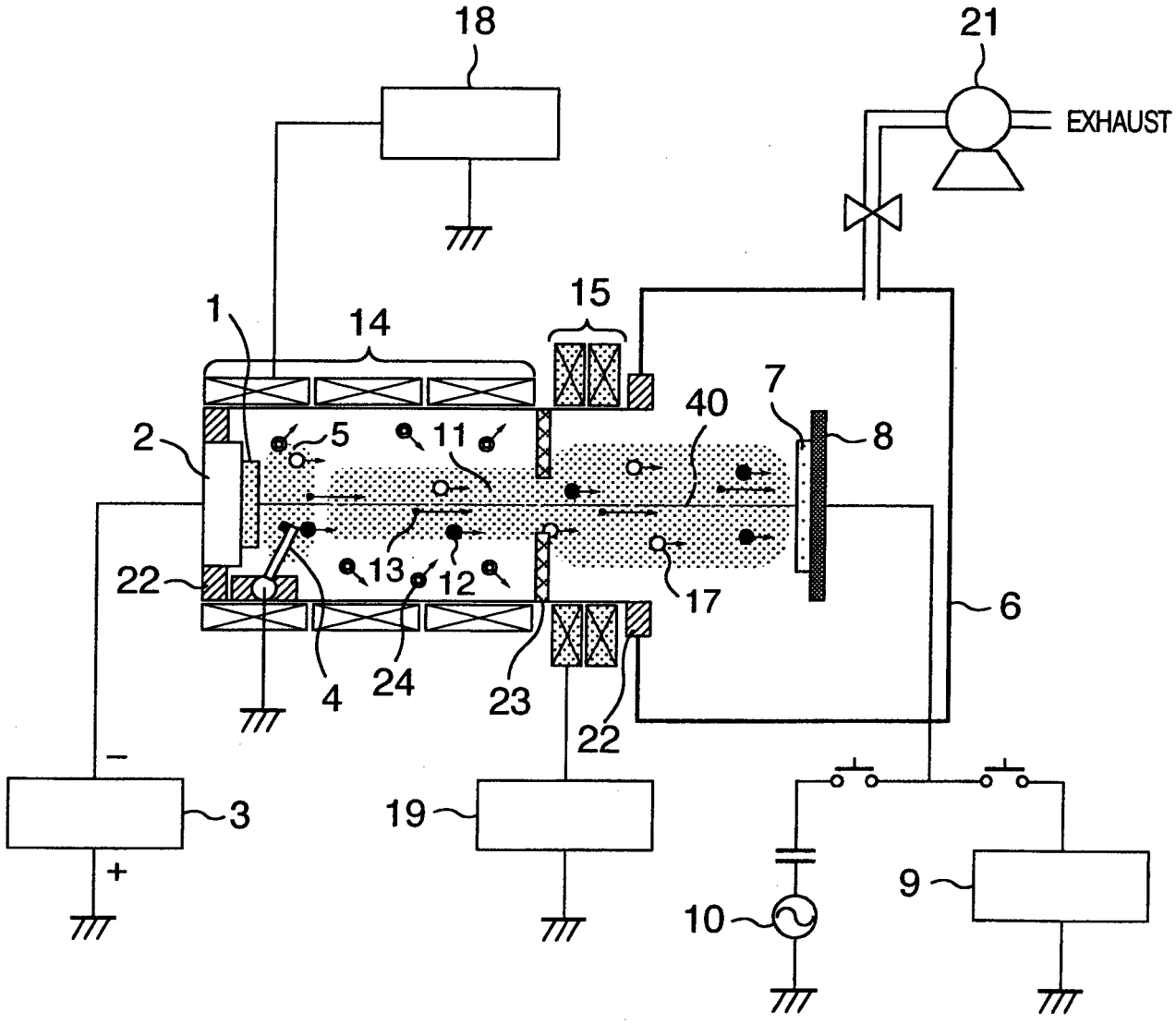


FIG.5A

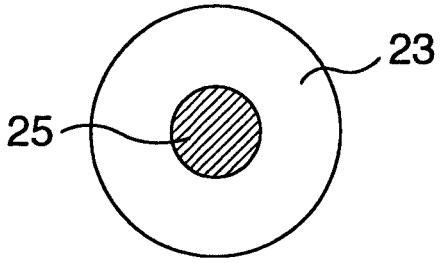

23
25

FIG.5B

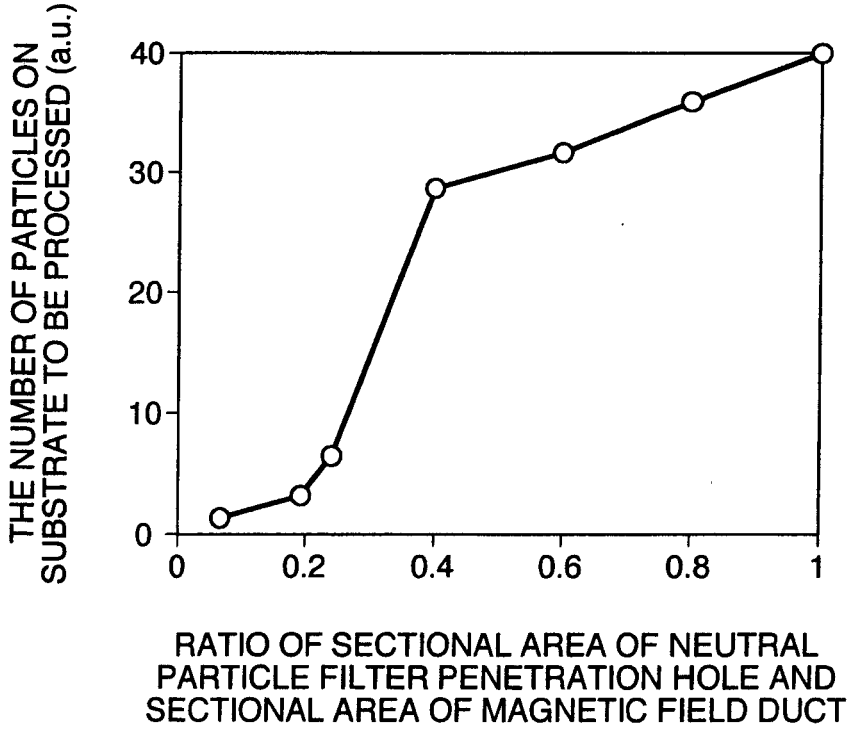

THE NUMBER OF PARTICLES ON SUBSTRATE TO BE PROCESSED (a.u.)
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
RATIO OF SECTIONAL AREA OF NEUTRAL PARTICLE FILTER PENETRATION HOLE AND SECTIONAL AREA OF MAGNETIC FIELD DUCT

FIG.6

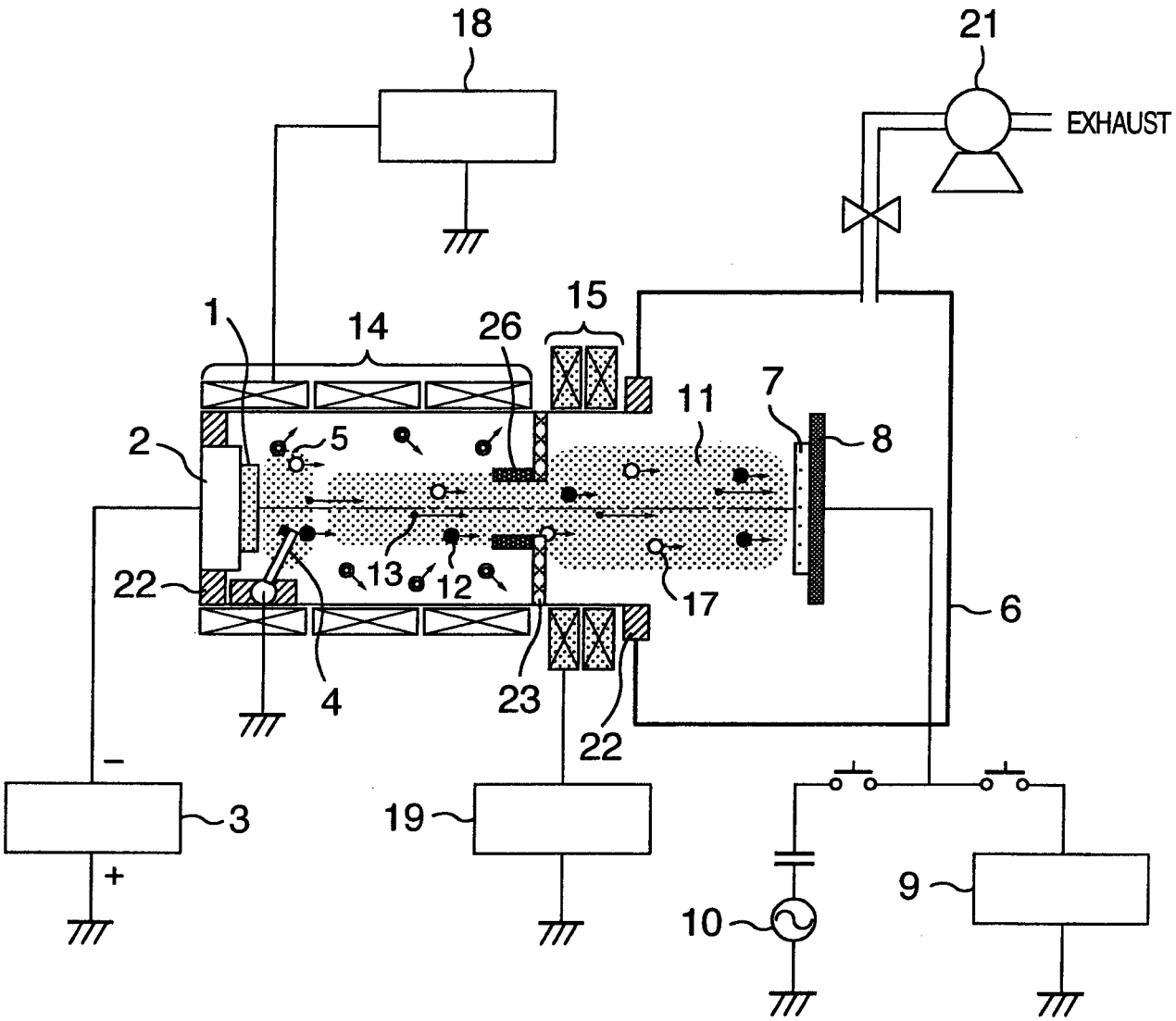


FIG.7

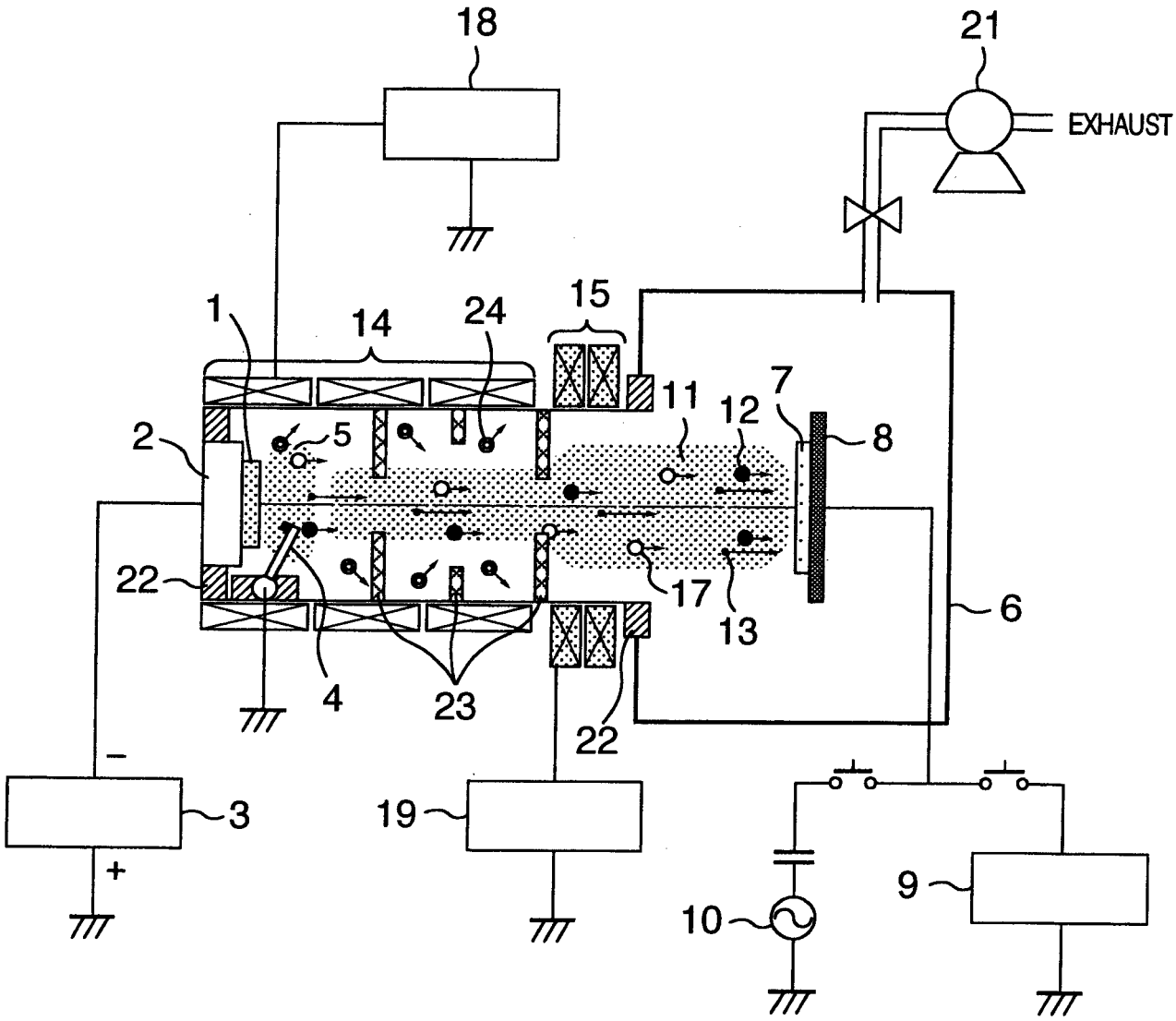


FIG.8A

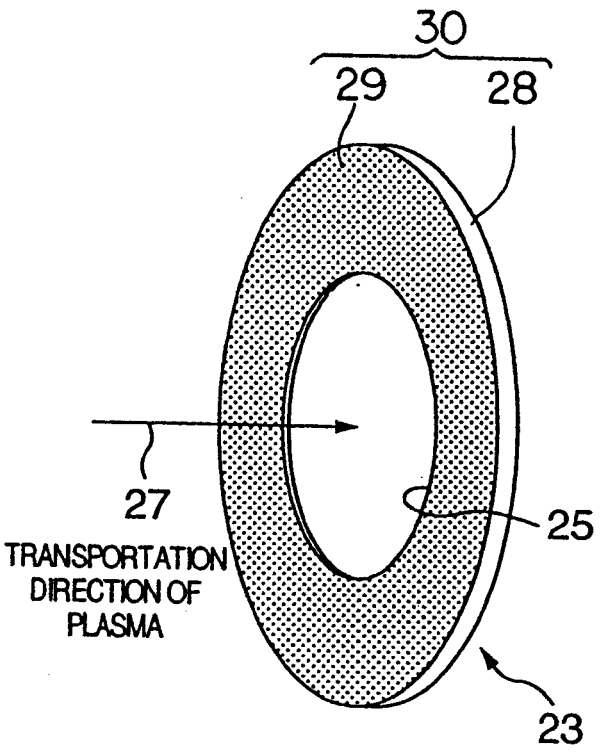


FIG.8B

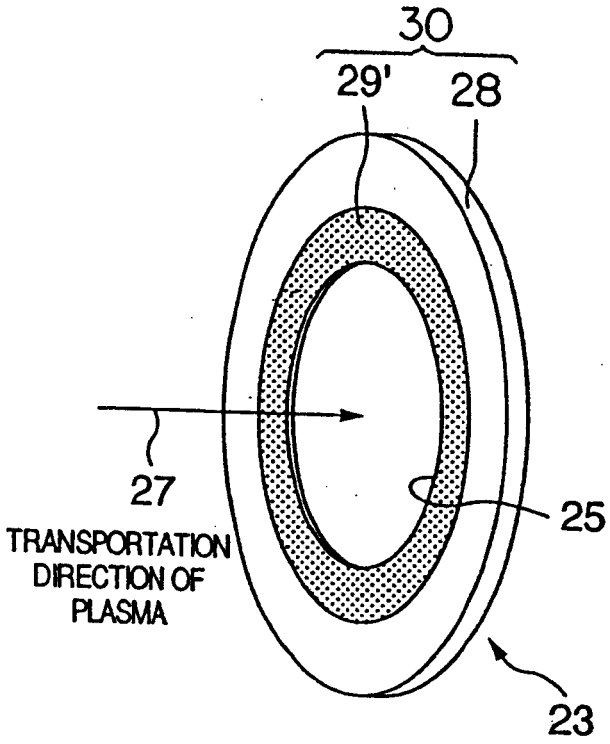


FIG.9

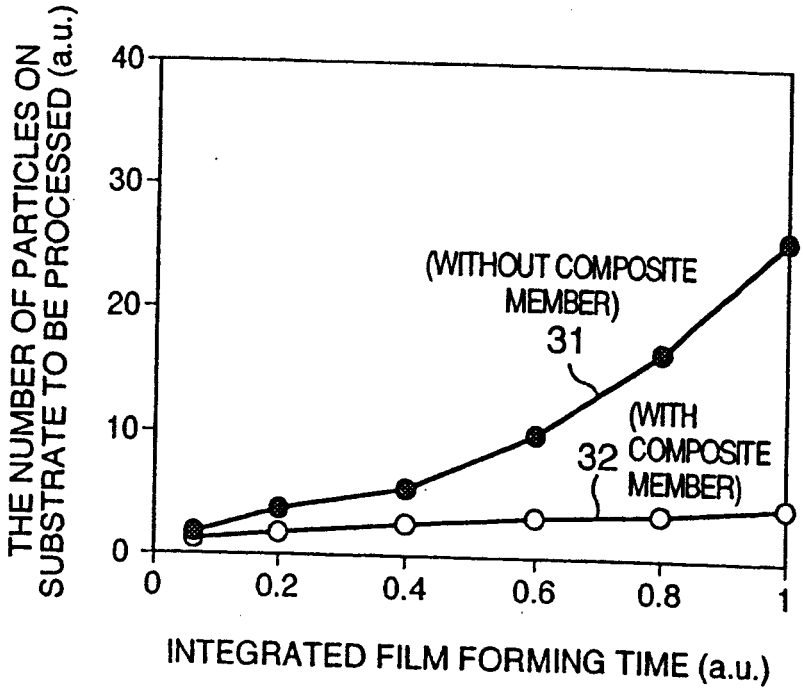


FIG.10

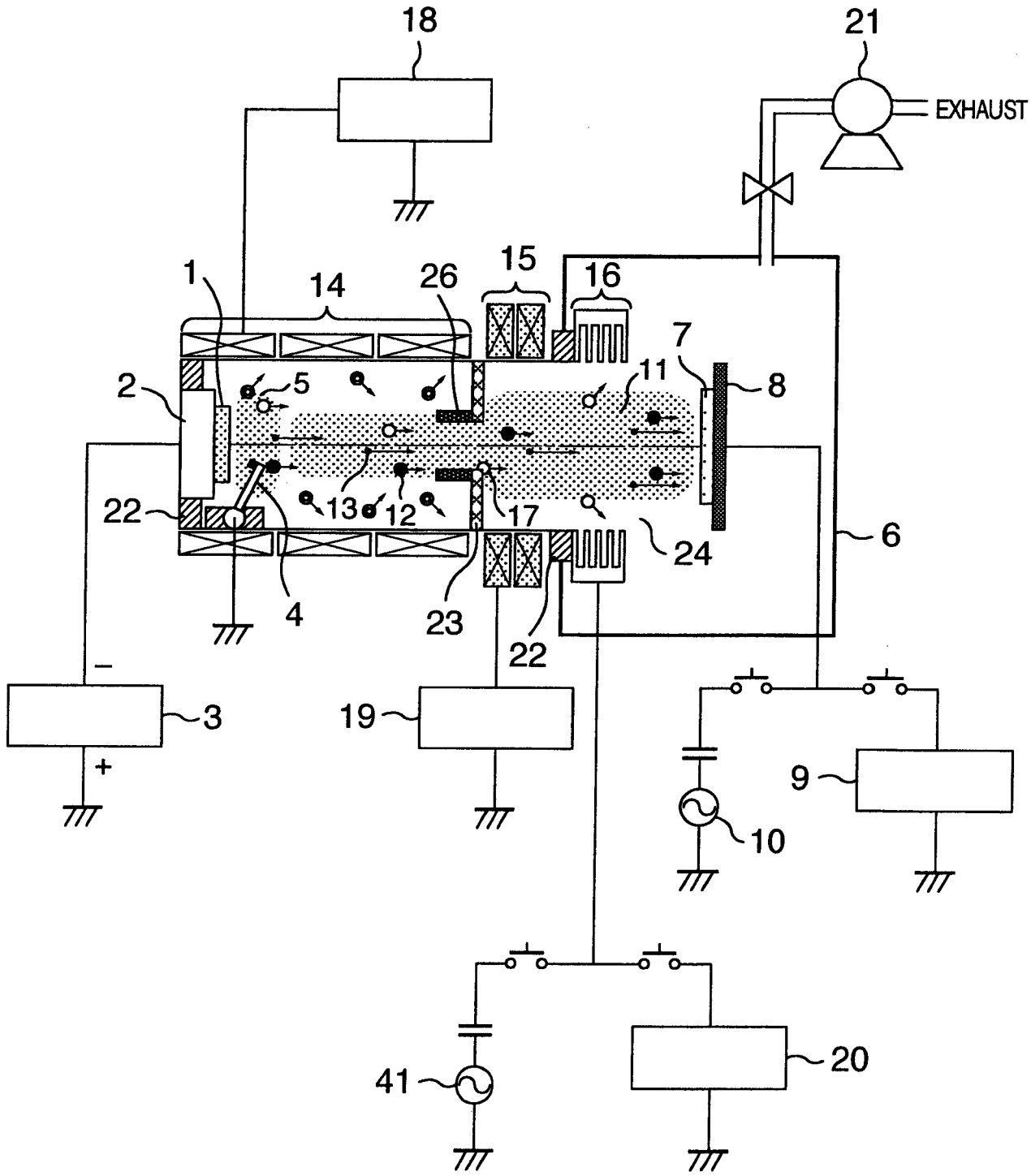

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EXHAUST
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FIG.11

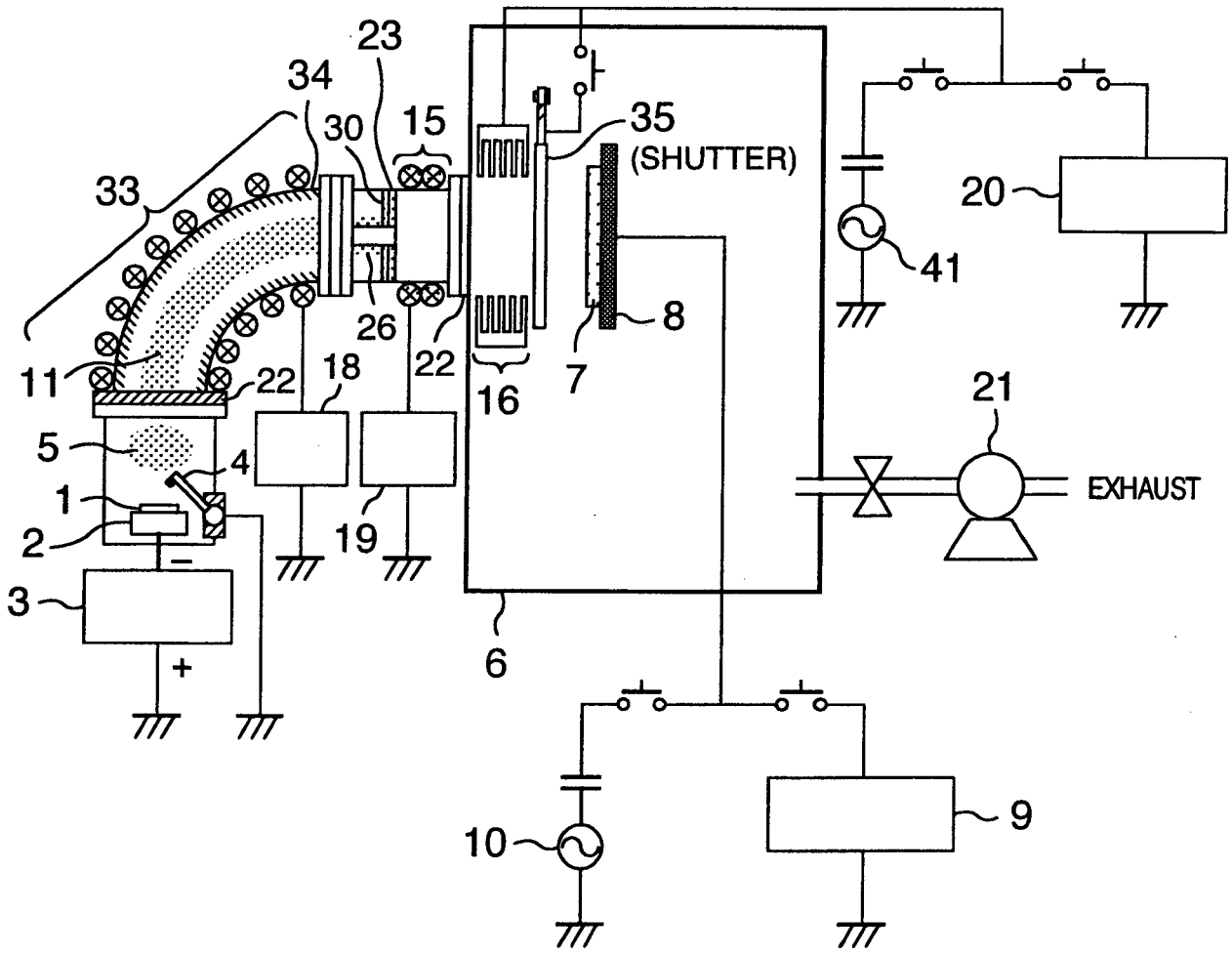

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(SHUTTER)
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EXHAUST
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FIG.12

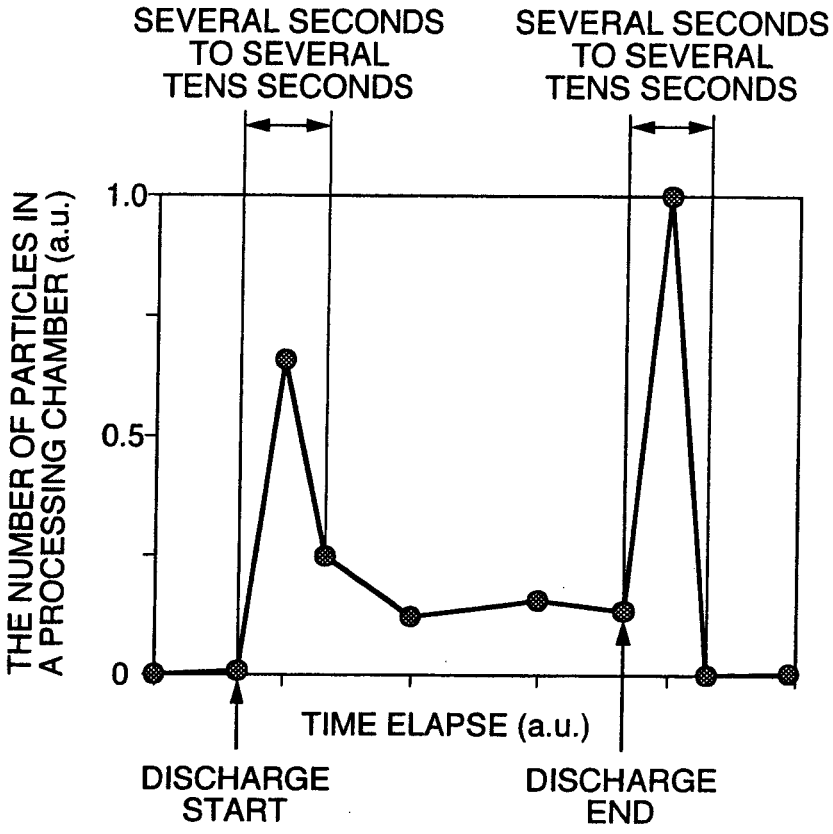

SEVERAL SECONDS TO SEVERAL TENS SECONDS
SEVERAL SECONDS TO SEVERAL TENS SECONDS
THE NUMBER OF PARTICLES IN A PROCESSING CHAMBER (a.u.)
1.0
0.5
0
TIME ELAPSE (a.u.)
DISCHARGE START
DISCHARGE END

FIG.13

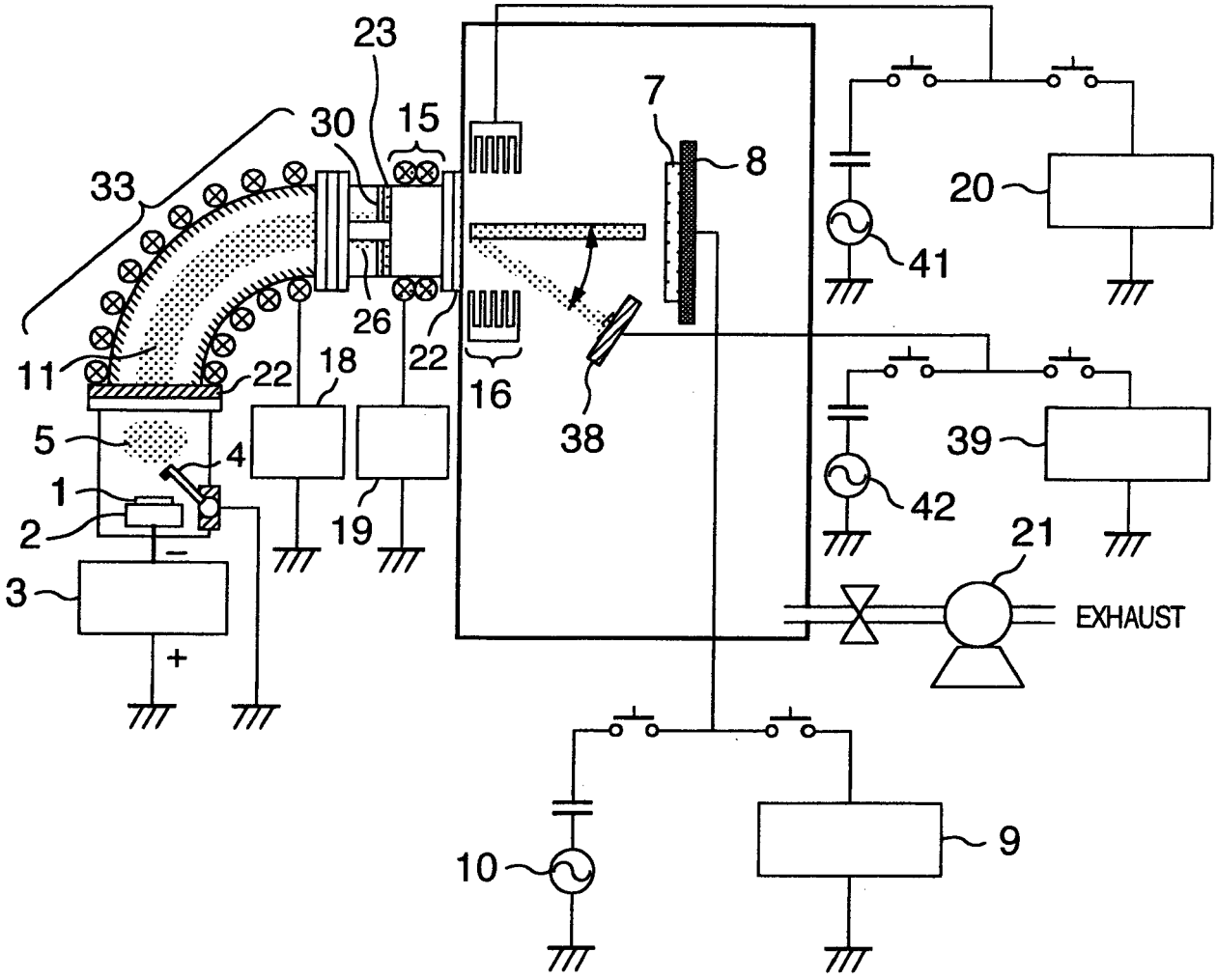

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22
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4
39
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42
2
19
21
3
EXHAUST
10
9

FIG.14A



×100 SIZE OF 2.5×7μm

FIG.14B

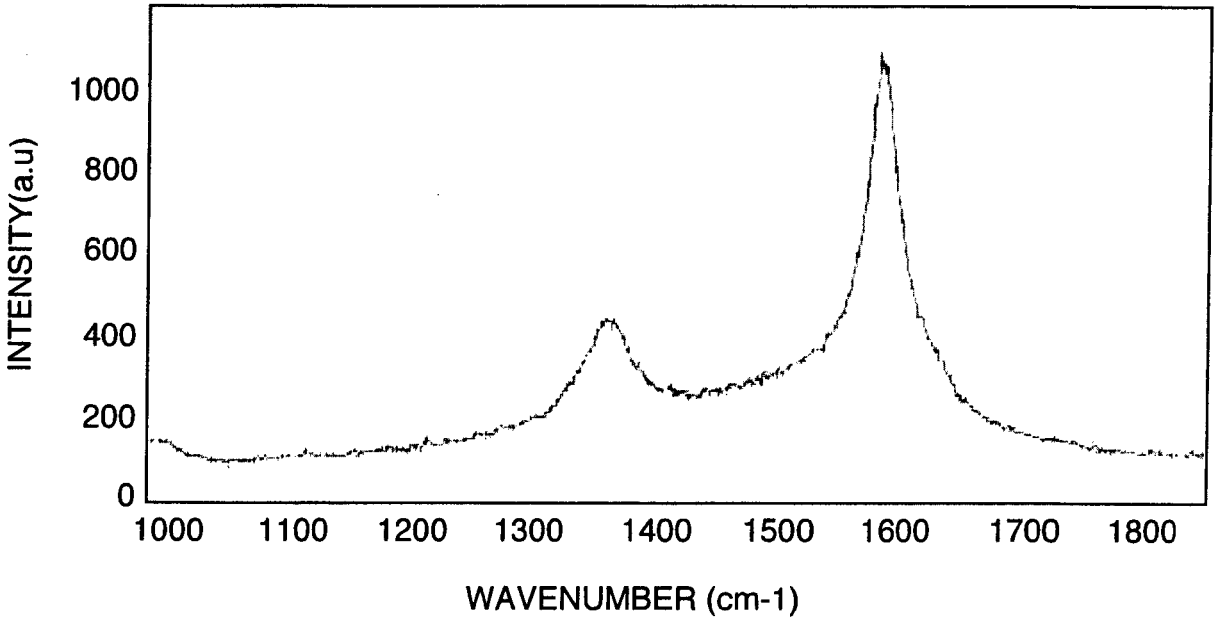
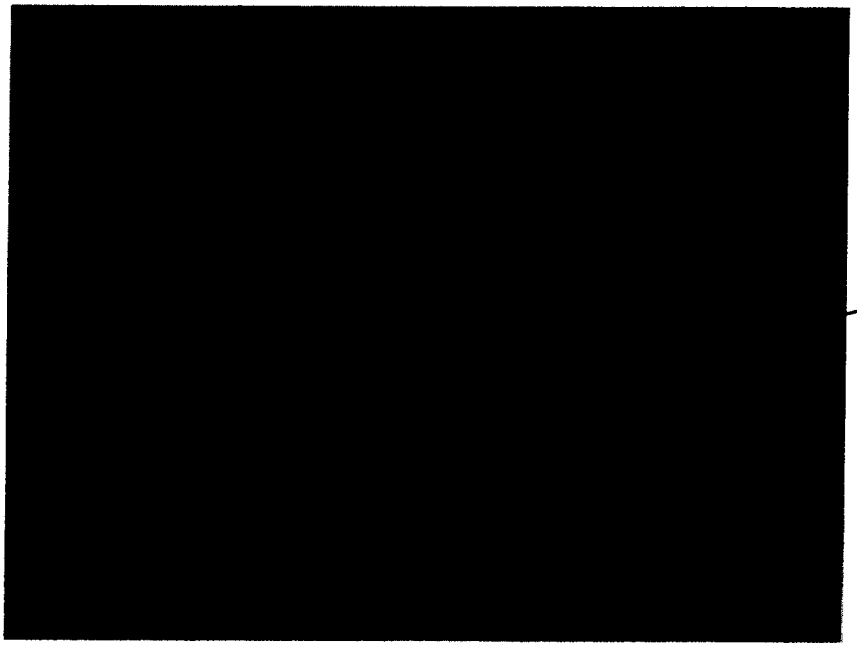


FIG.15A



×100 SIZE OF Φ1μm

FIG.15B

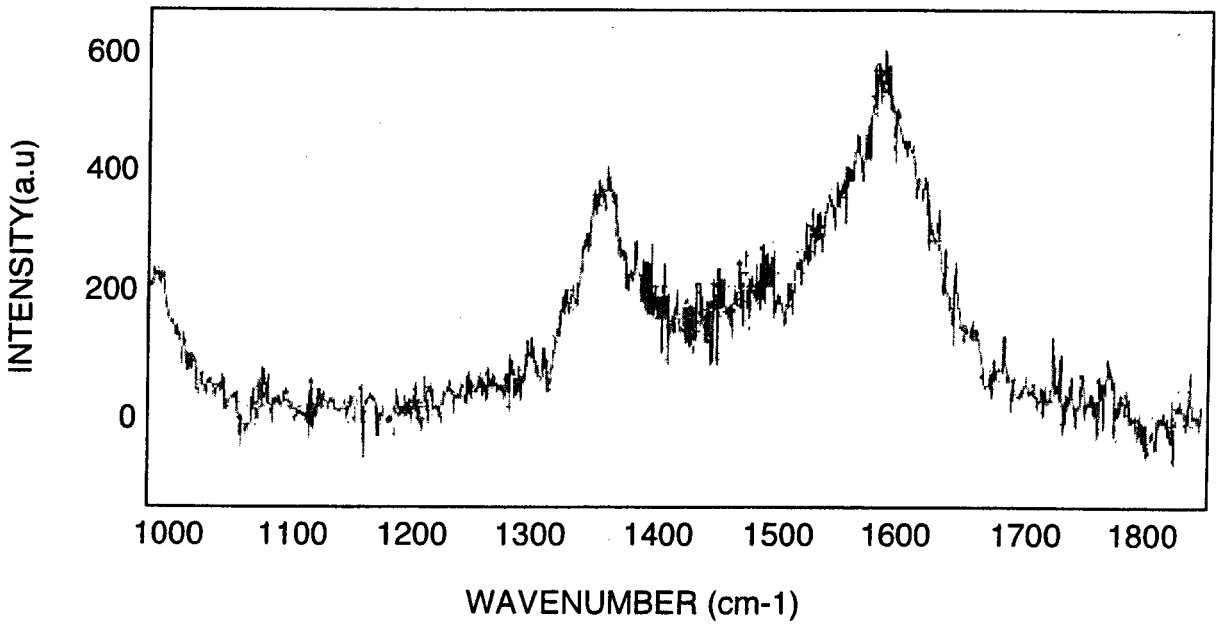


FIG.16A

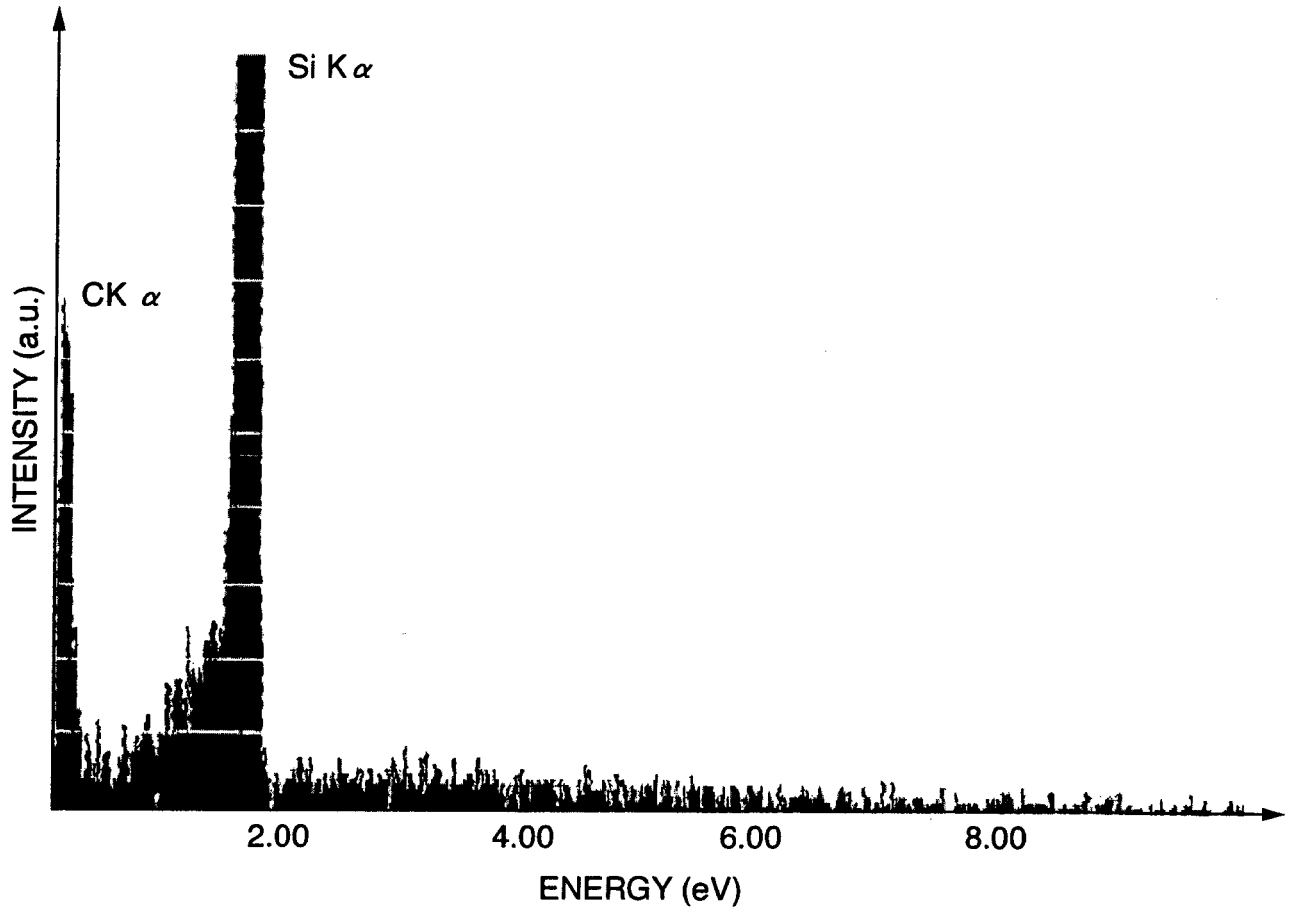


FIG.16B

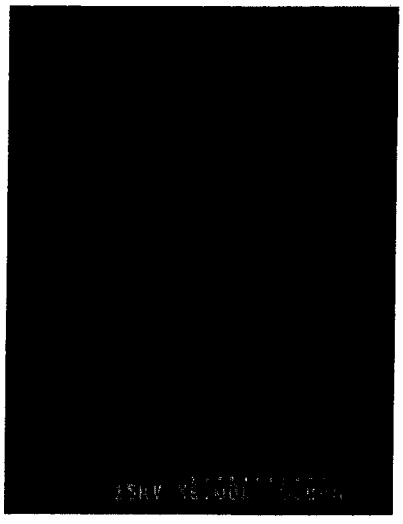


FIG.17A

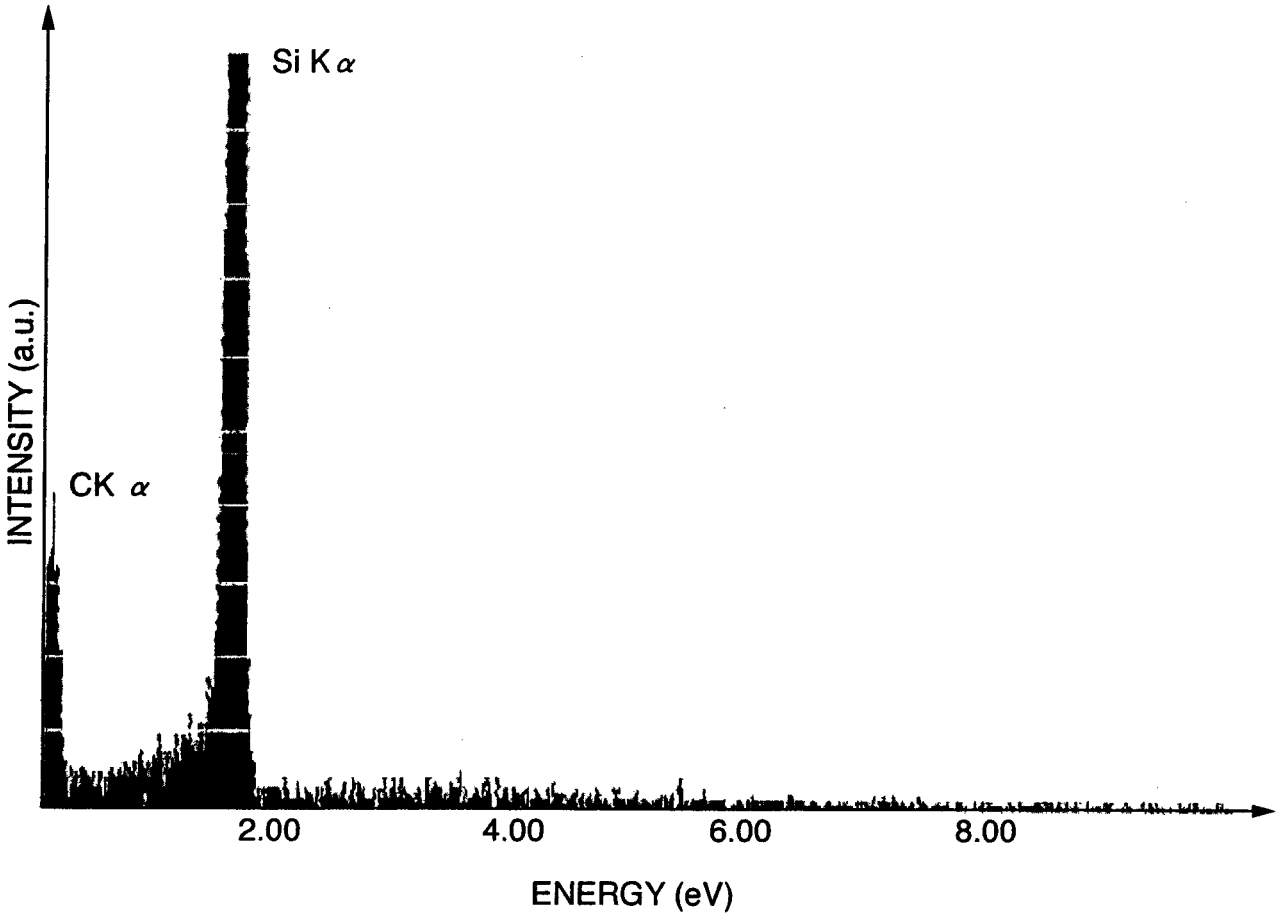


FIG.17B

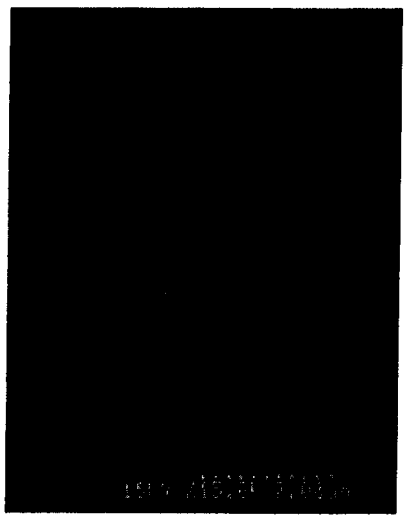


FIG.18A

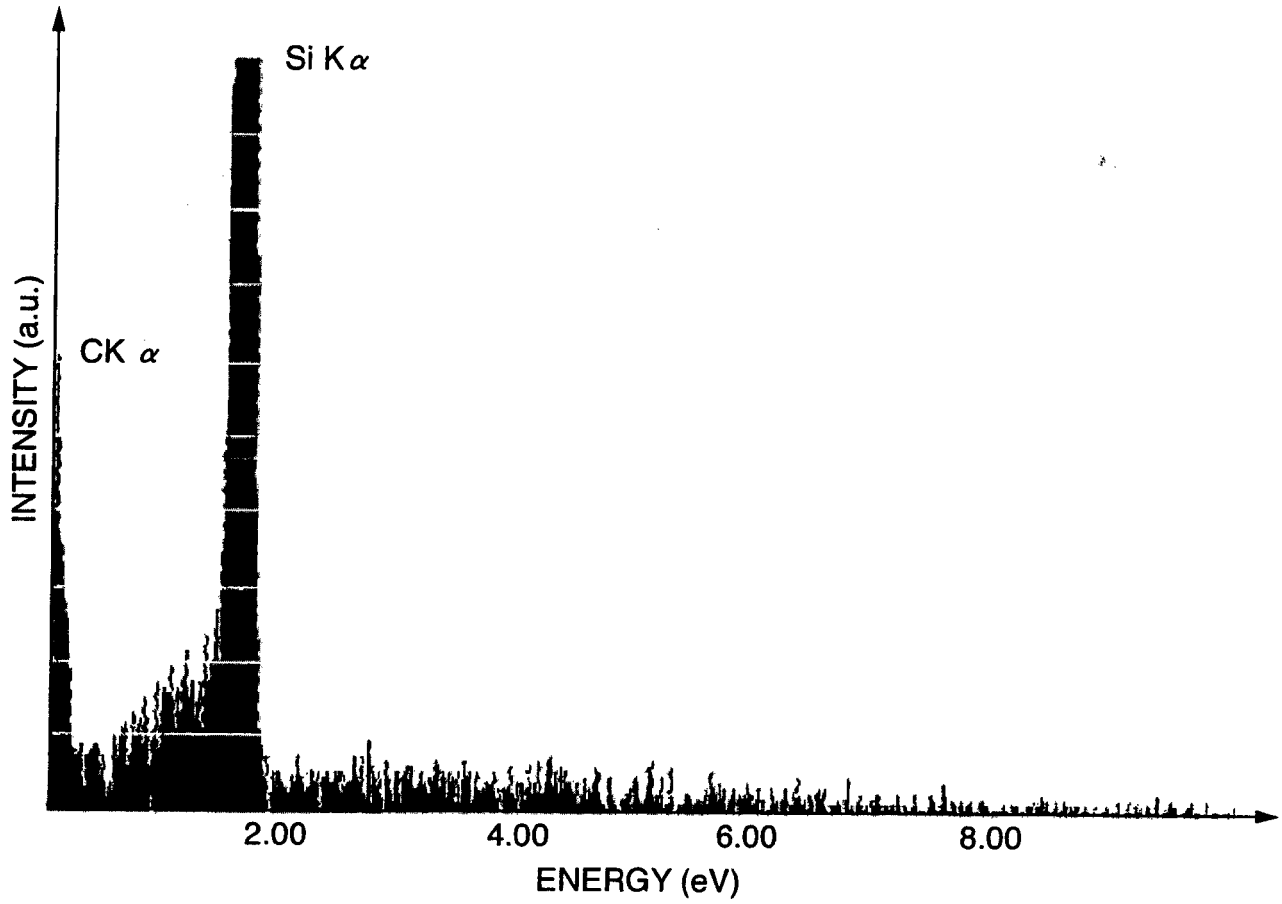


FIG.18B

