FIG.1

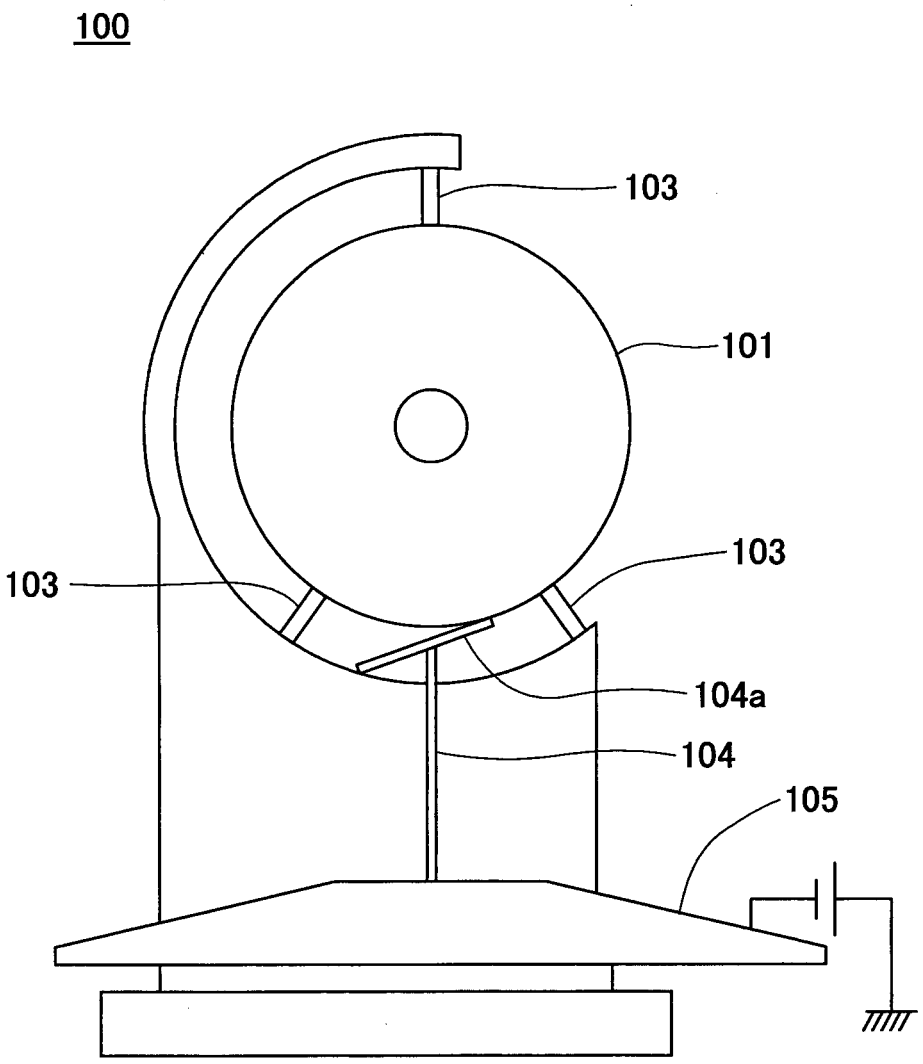

FIG.2

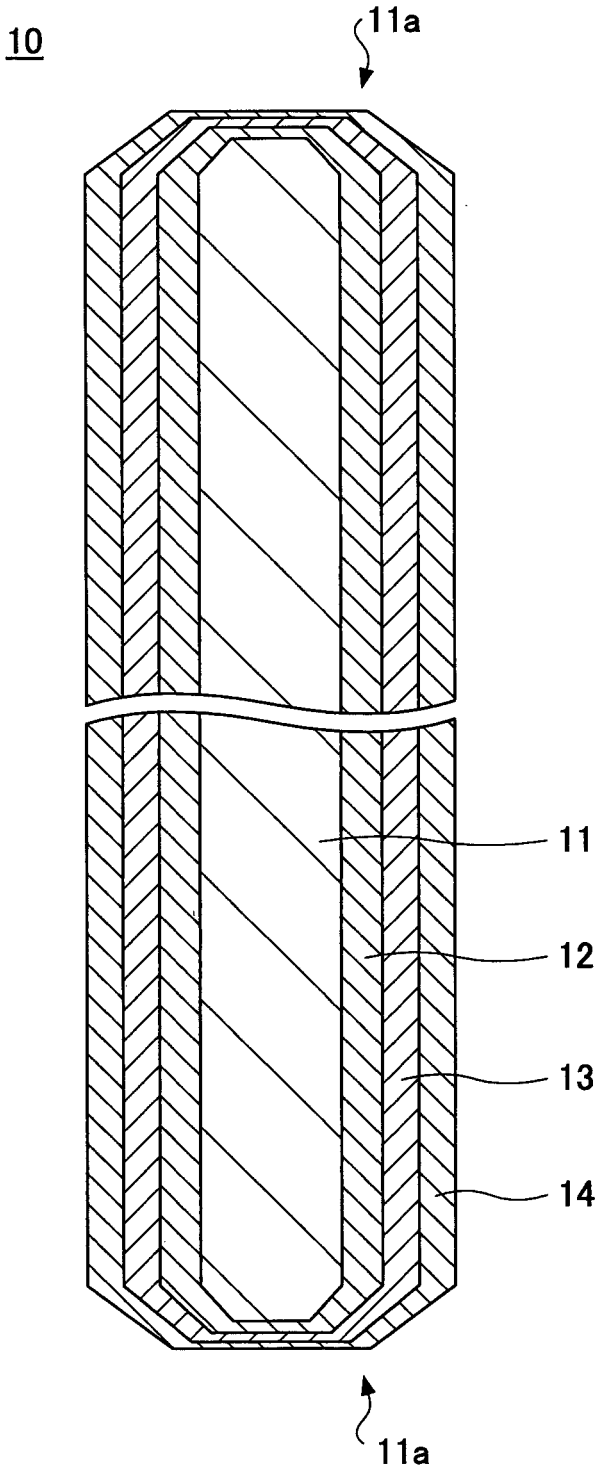

FIG.3

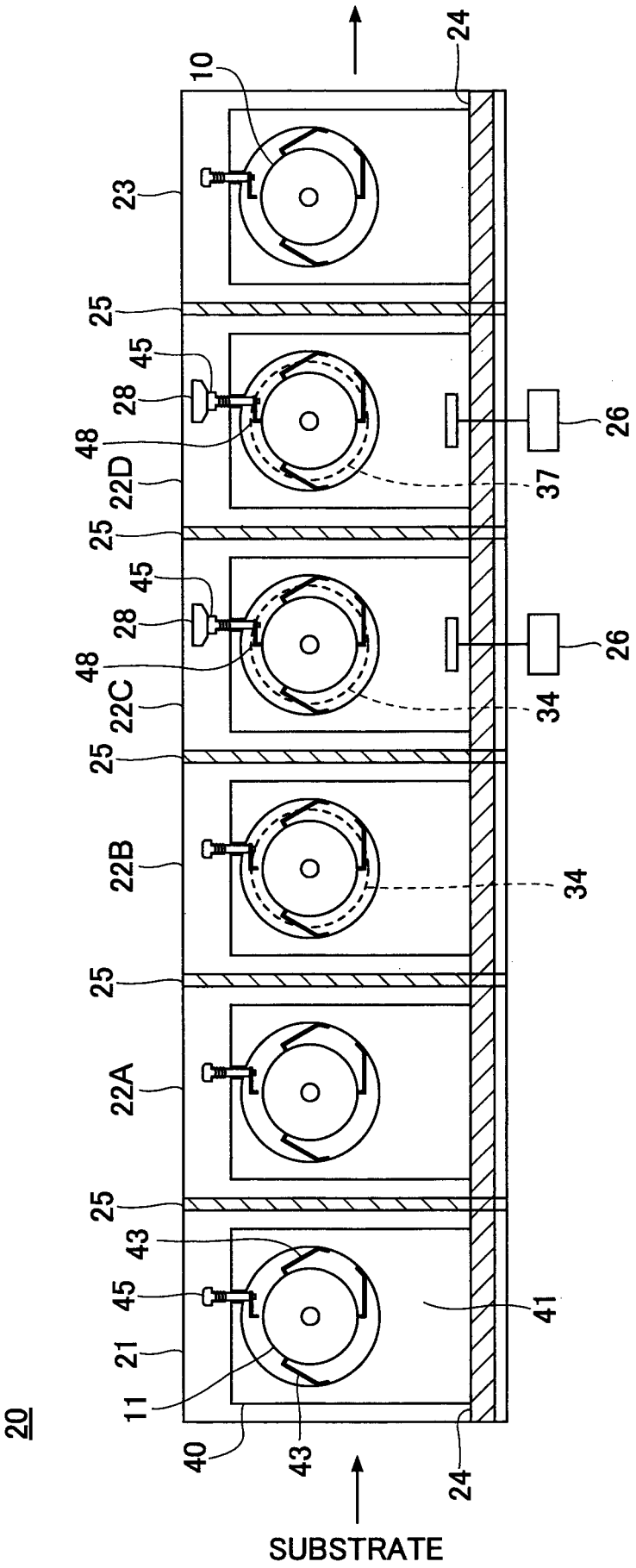
MAGNETIC RECORDING MEDIUM
SUBSTRATE
20
10
11
21
22A
22B
22C
22D
23
24
25
26
28
34
37
40
41
43
45
48

FIG.4

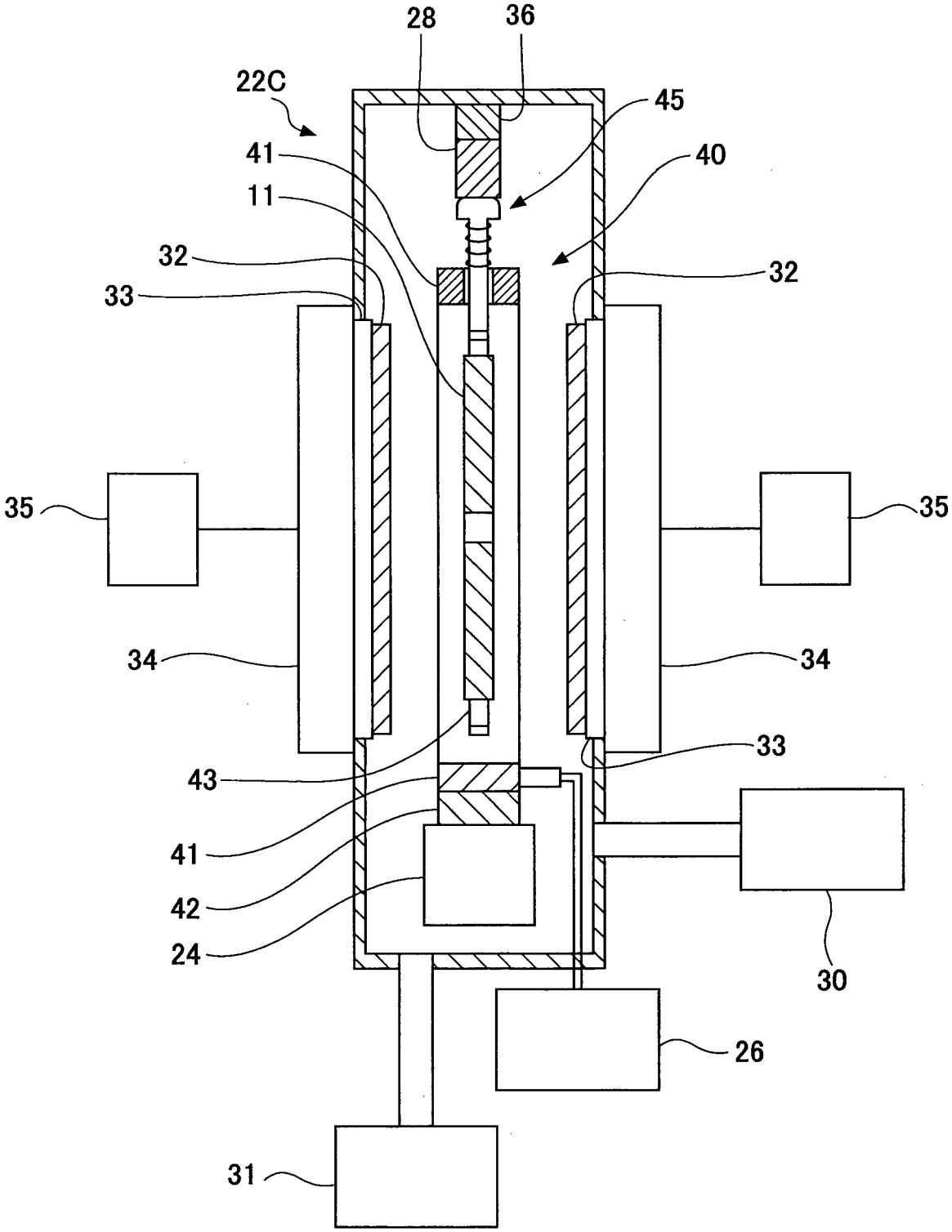

FIG.5B

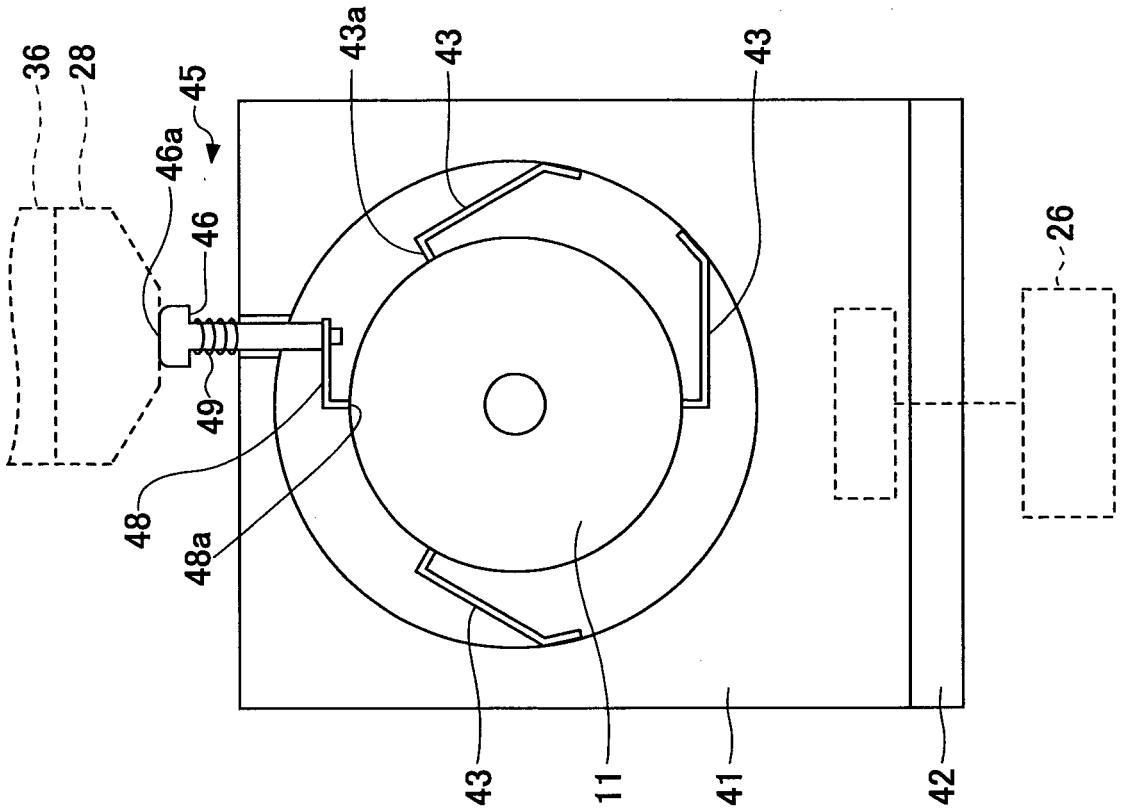
36
28
45
46a
46
49
48
48a
43a
43
43
26
43
11
41
42

FIG.5A

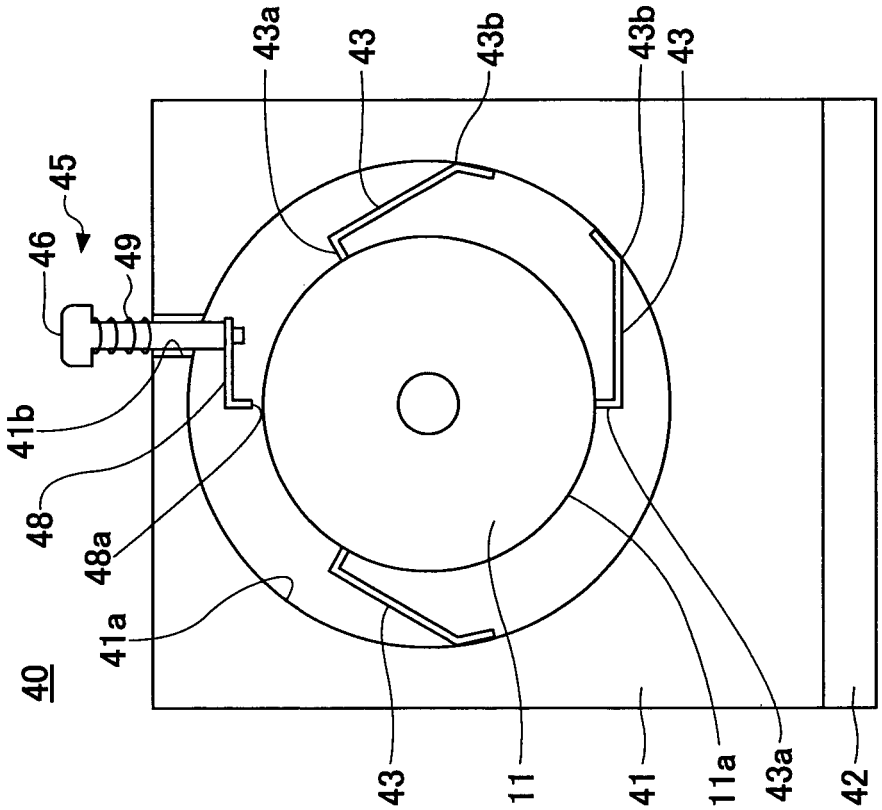
40
45
46
49
41b
48
48a
41a
43a
43
43b
43b
43
43
11
41
11a
43a
42

FIG.6

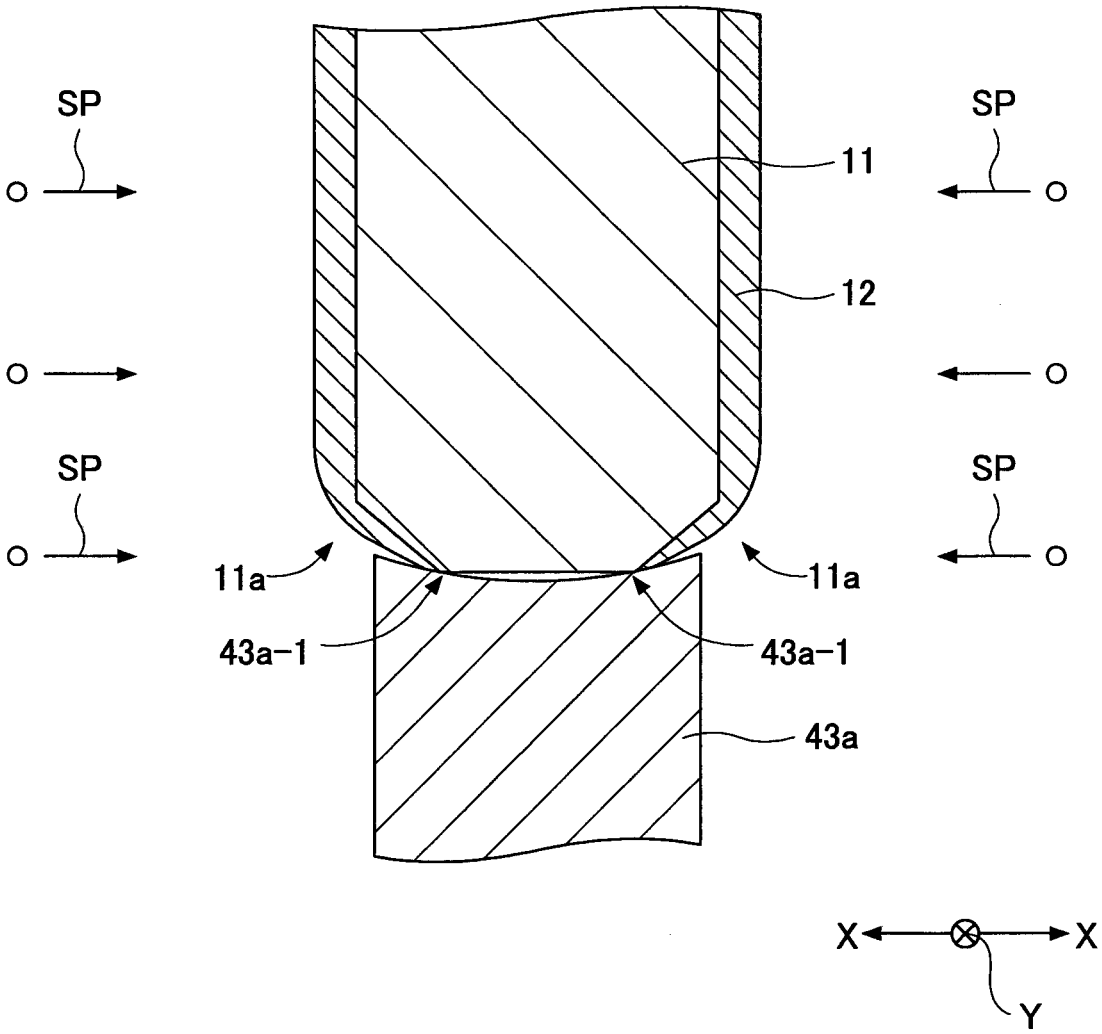

FIG.7A

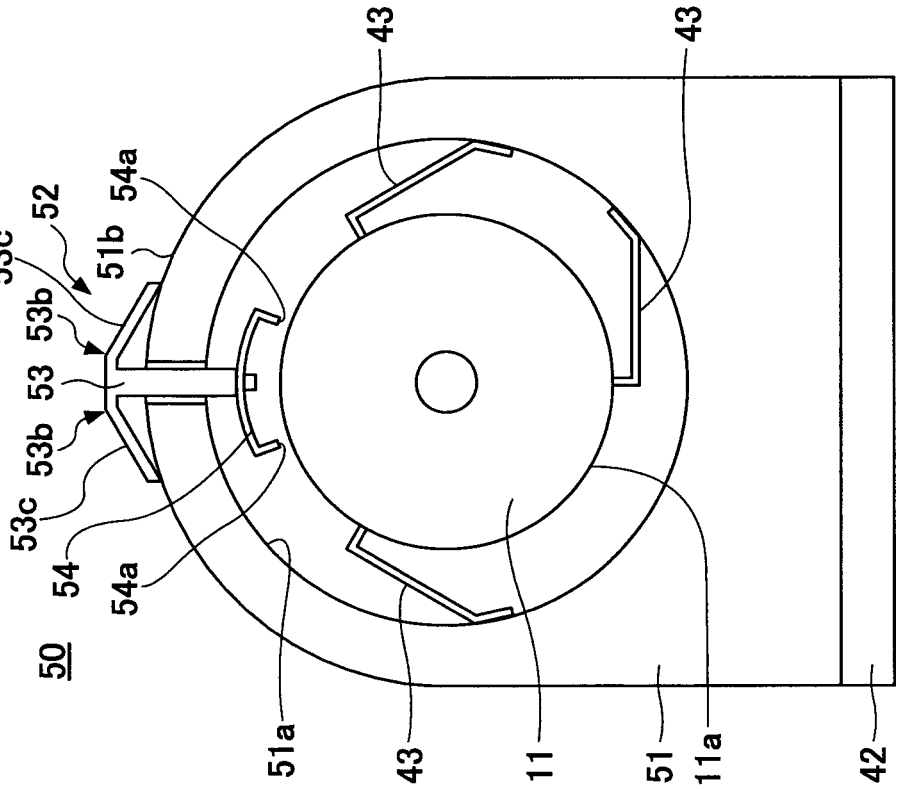
50
51a
43
11
51
11a
42
53c
53b
53
54
54a
52
51b
43
43

FIG.7B

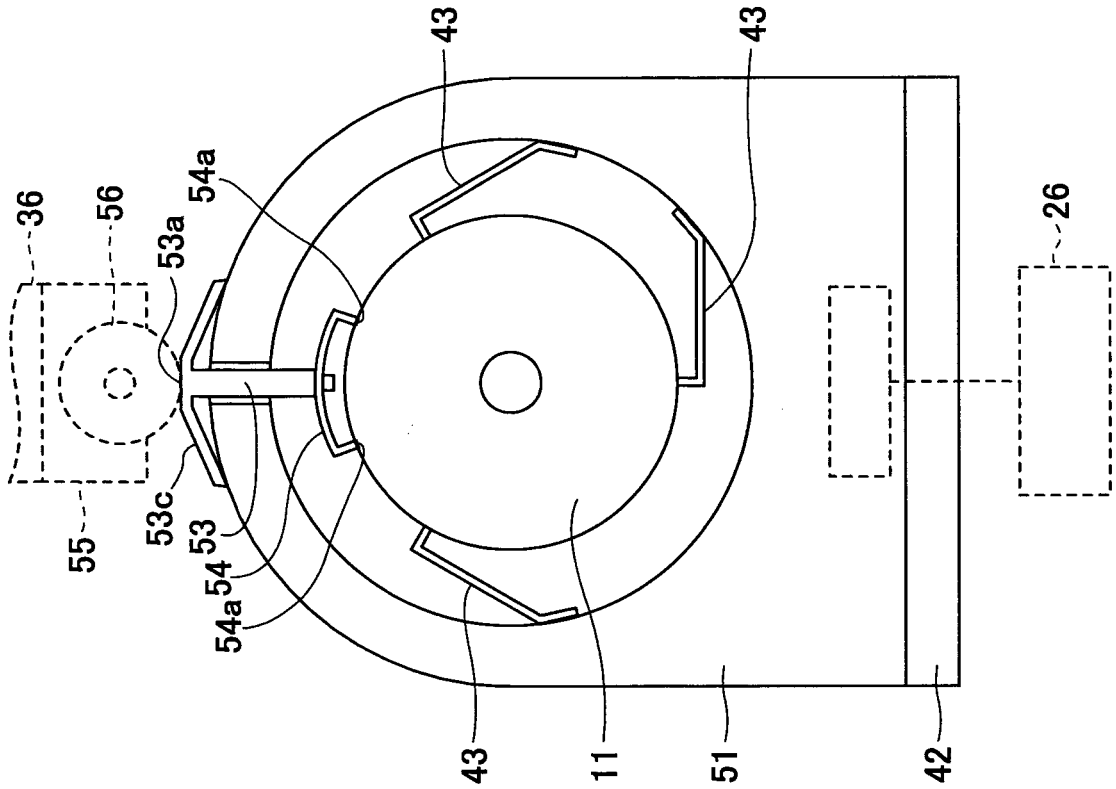
36
56
53a
54a
55
53c
53
54
54a
43
43
43
11
51
42
26

FIG.8

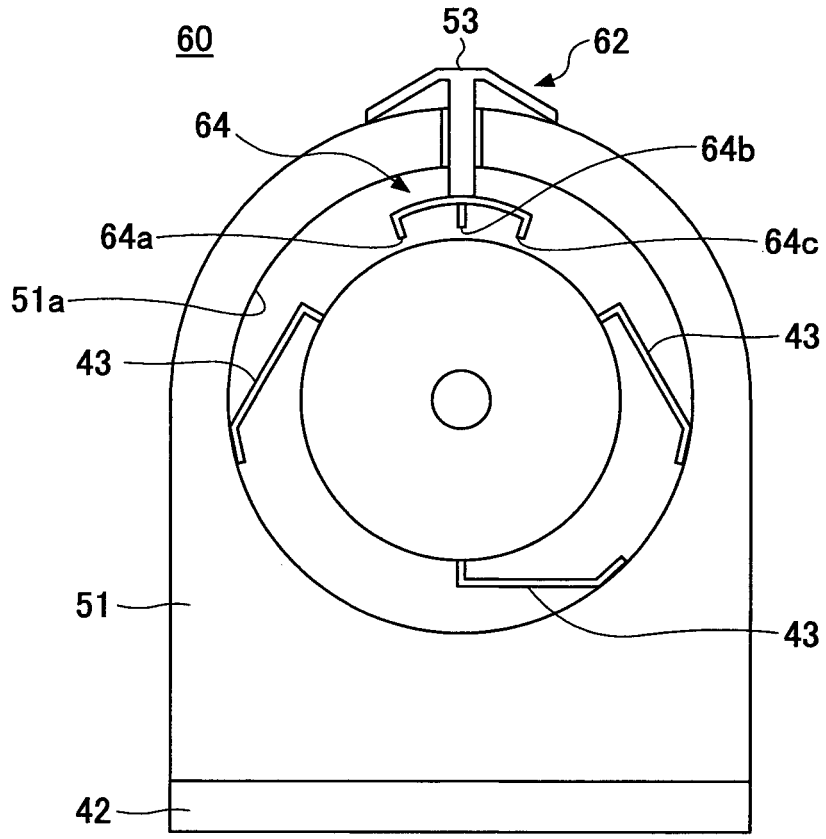

FIG.9A

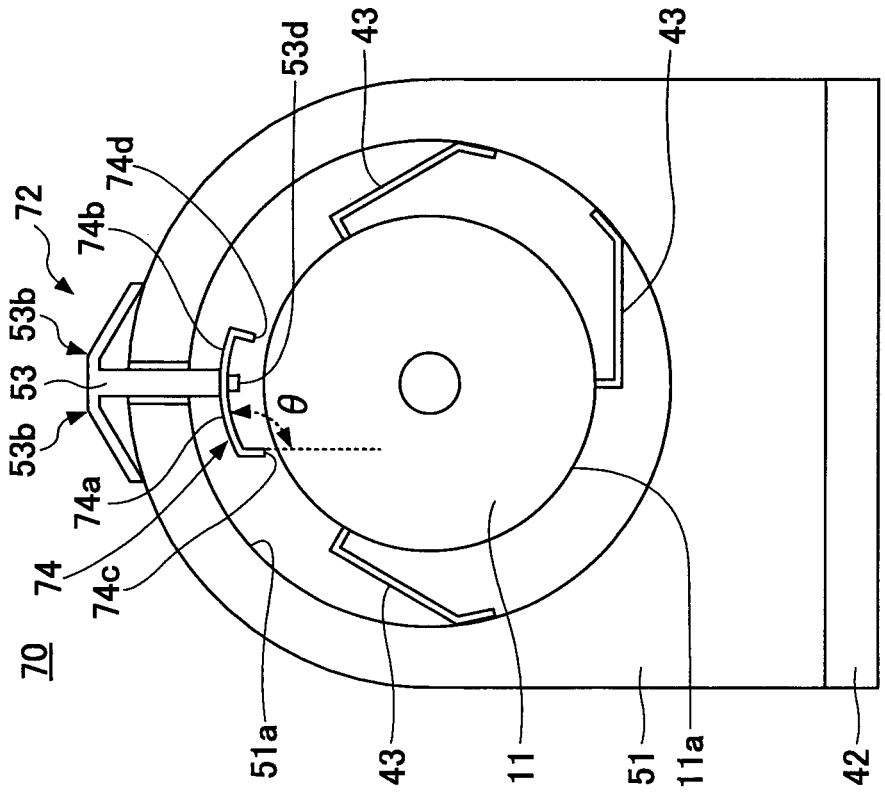
70
72
74
74a
74b
74c
74d
53
53b
53d
θ
51a
43
11
51
11a
42

FIG.9B

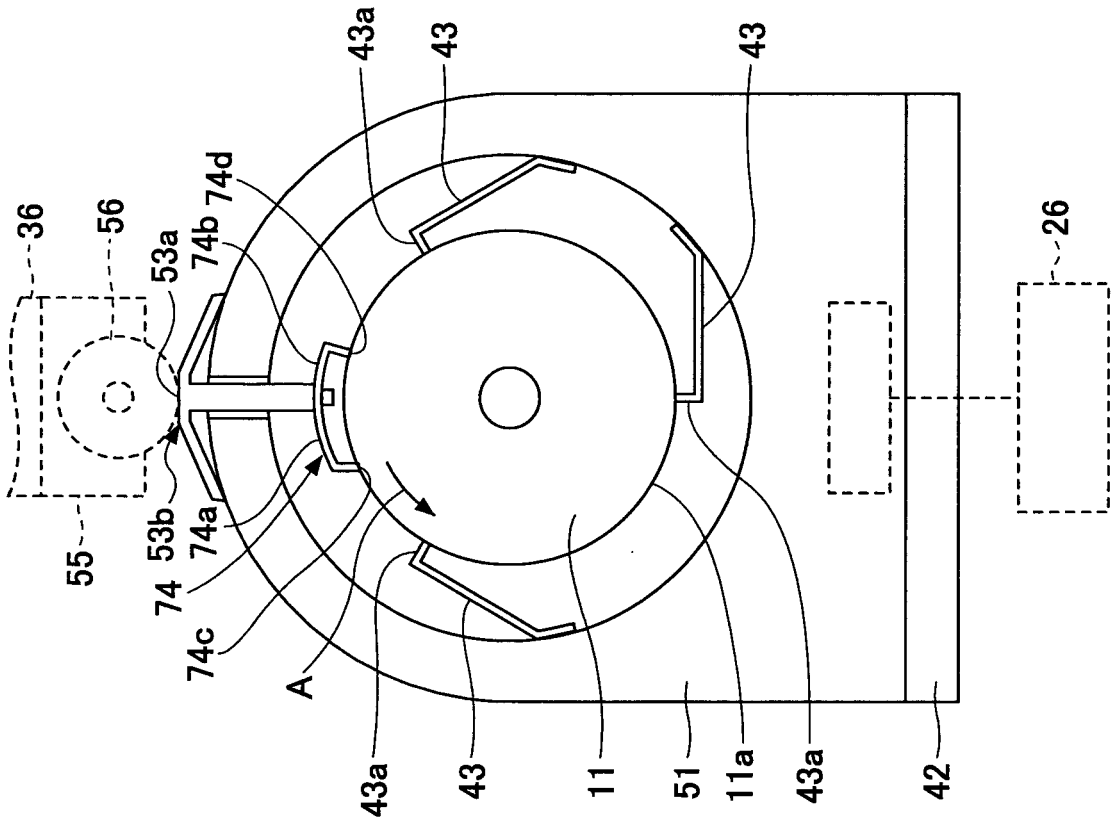
36
56
53a
53b
55
74
74a
74b
74c
74d
A
43a
43
11
51
11a
42
26

FIG.10A

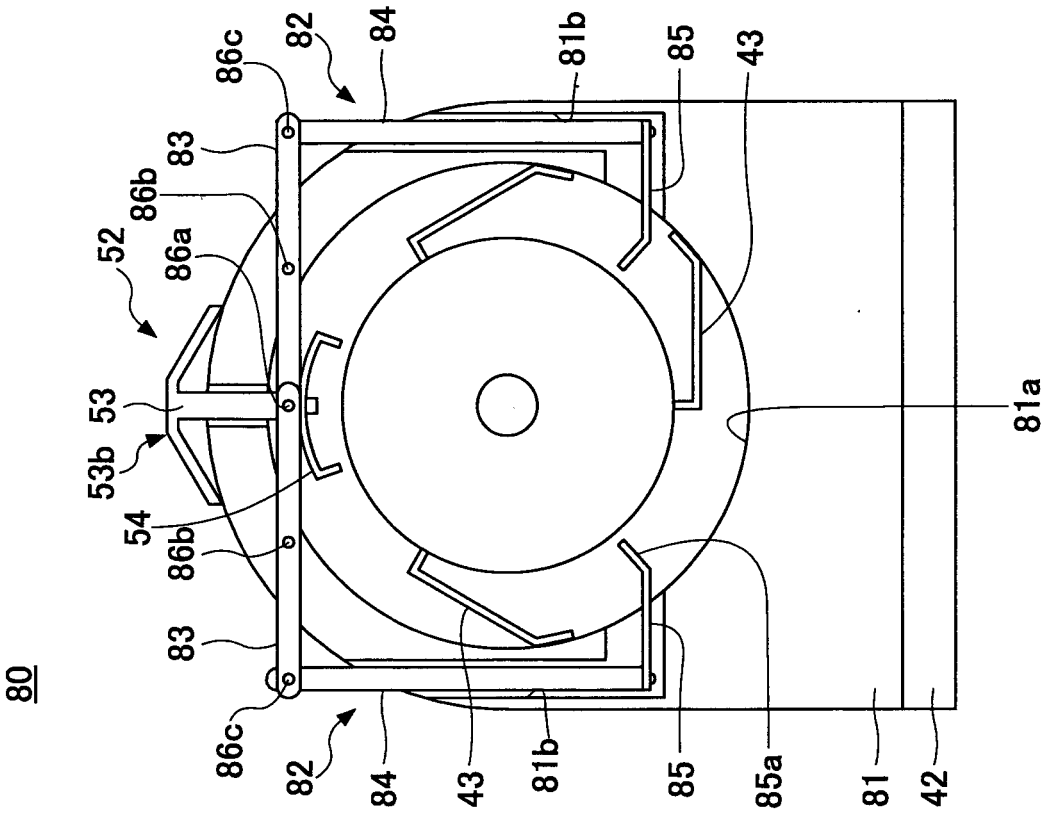

FIG.10B

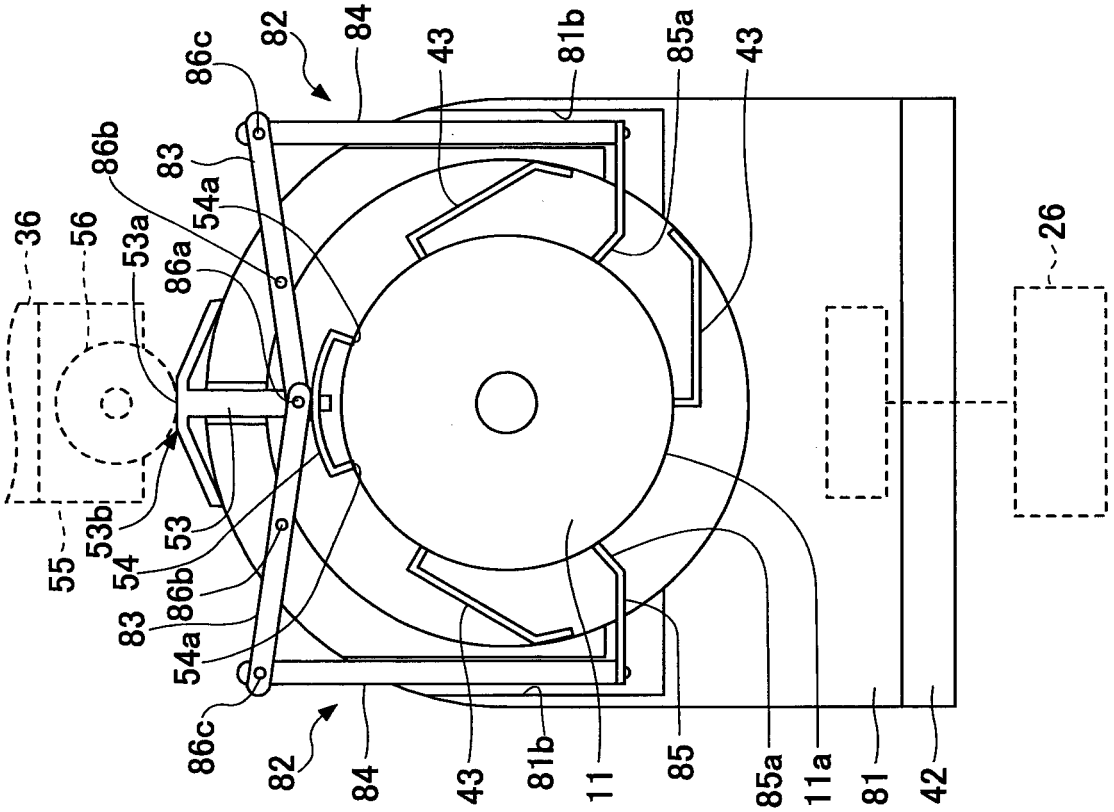
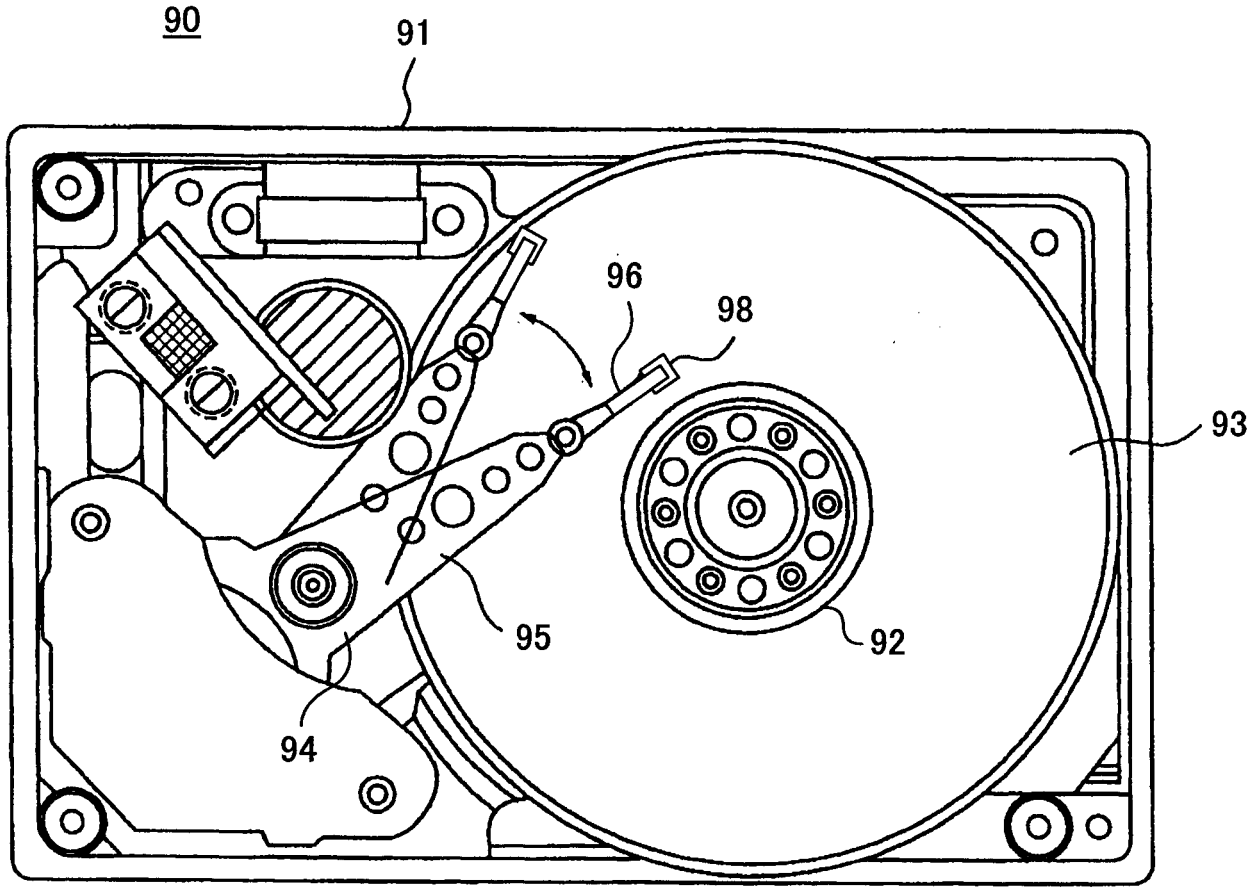
FIG.11