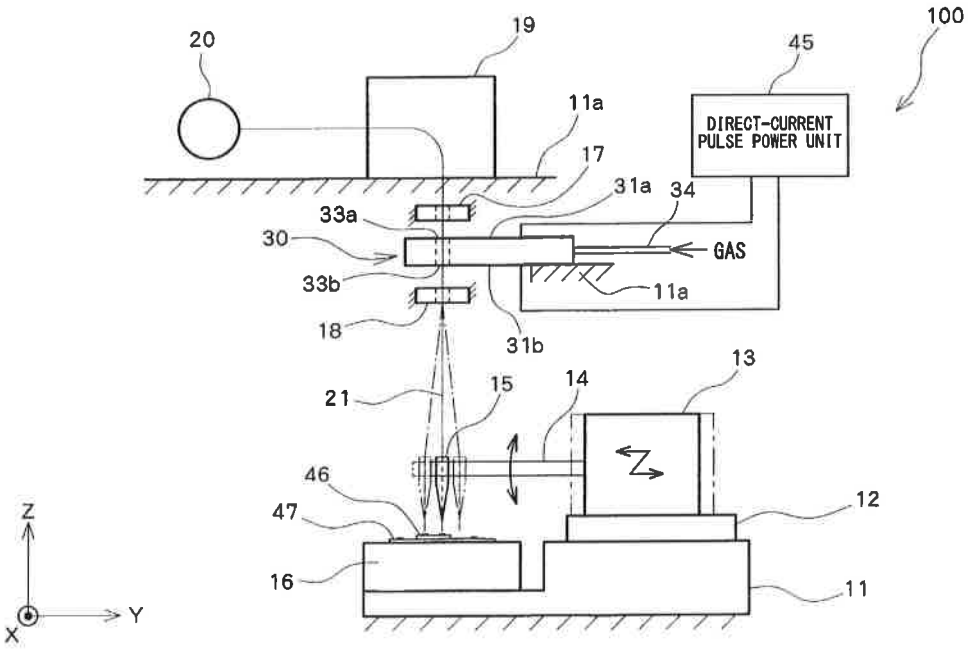

100
20
19
45
11a
DIRECT-CURRENT
PULSE POWER UNIT
17
31a
34
33a
30
GAS
33b
11a
18
31b
13
21
15
14
46
12
47
16
11
Z
Y
X

FIG. 1

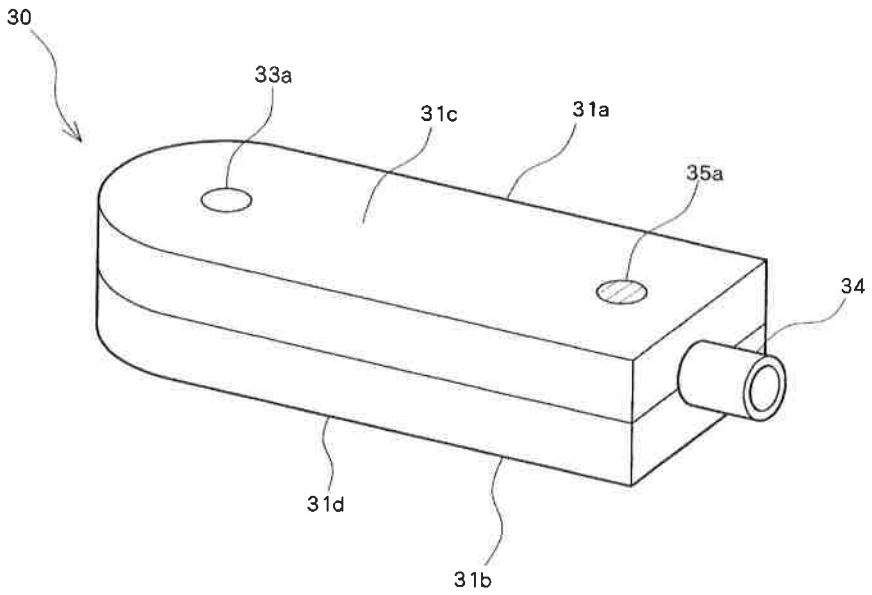


FIG. 2

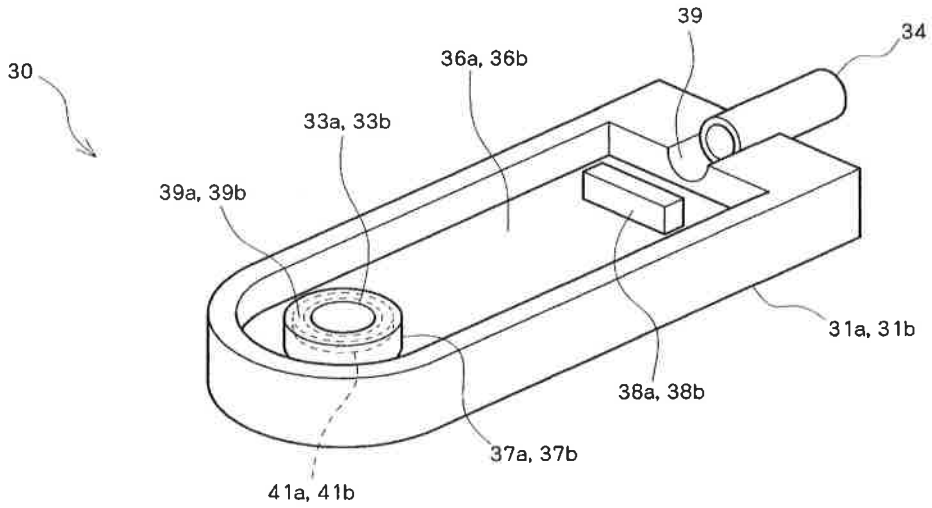


FIG. 3

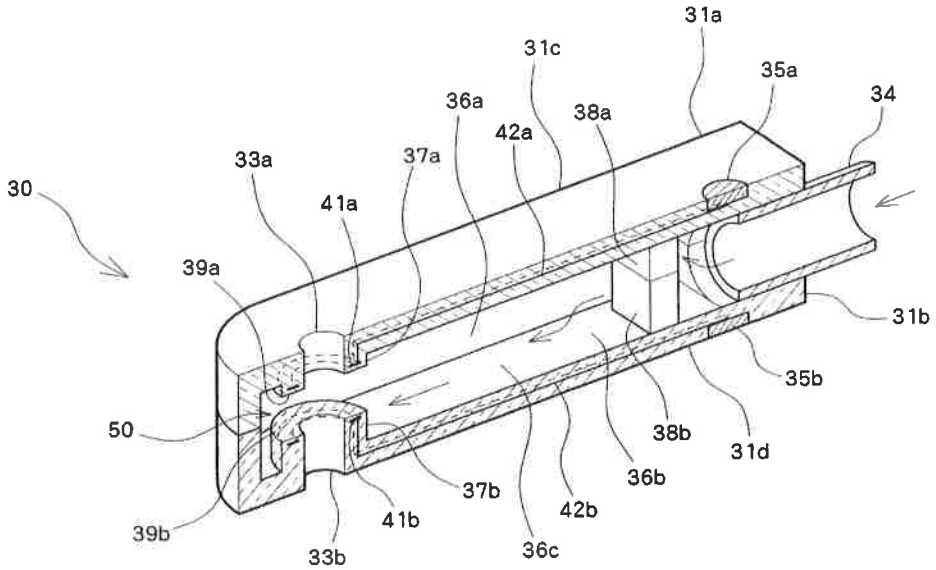

31a
31c
35a
34
36a
38a
42a
33a
37a
30
41a
39a
31b
35b
50
38b
31d
36b
37b
42b
41b
39b
36c
33b

FIG. 4

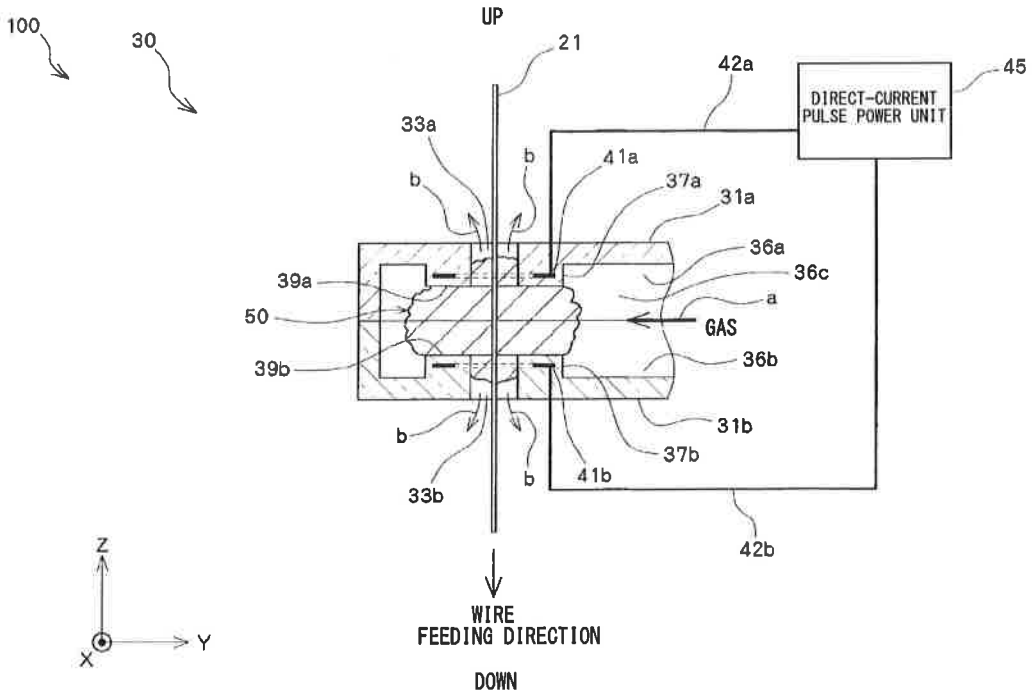

100
30
UP
21
42a
DIRECT-CURRENT PULSE POWER UNIT
45
33a
b
41a
37a
31a
36a
36c
39a
a
50
GAS
39b
36b
31b
37b
41b
33b
42b
Z
Y
X
WIRE FEEDING DIRECTION
DOWN

FIG. 5

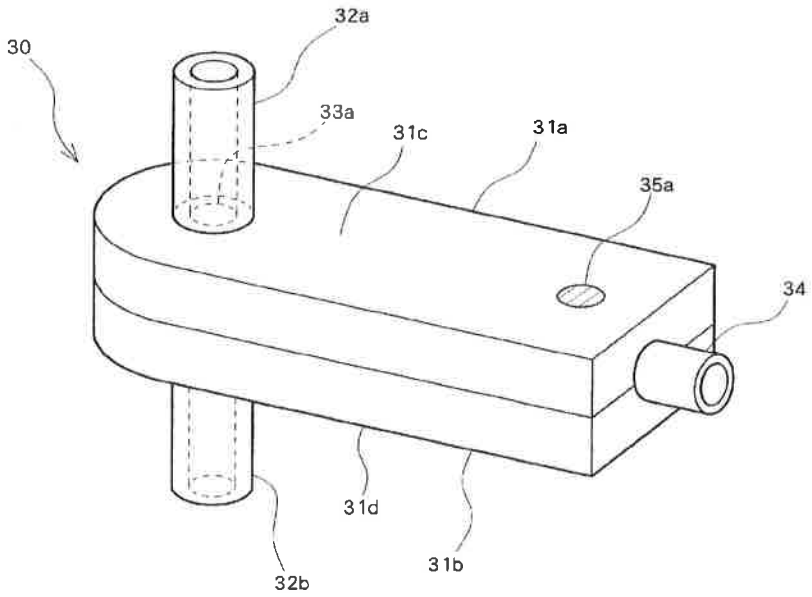


FIG. 6

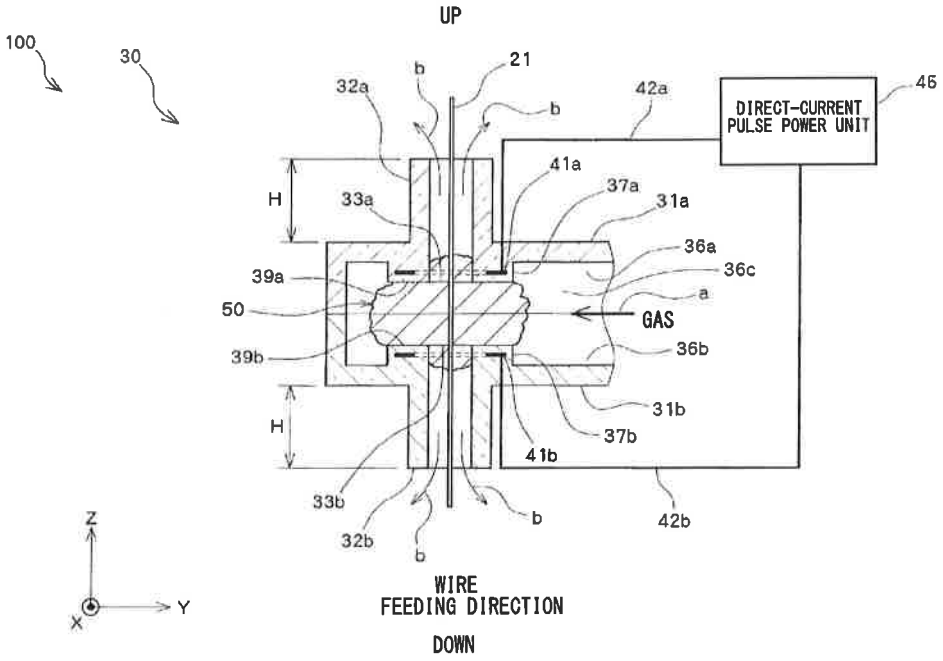

UP
100
30
21
b
32a
b
42a
DIRECT-CURRENT PULSE POWER UNIT
45
41a
37a
31a
H
33a
36a
39a
36c
a
50
GAS
39b
36b
31b
H
37b
41b
33b
42b
32b
b
b
WIRE FEEDING DIRECTION
DOWN
Z
Y
X

FIG. 7

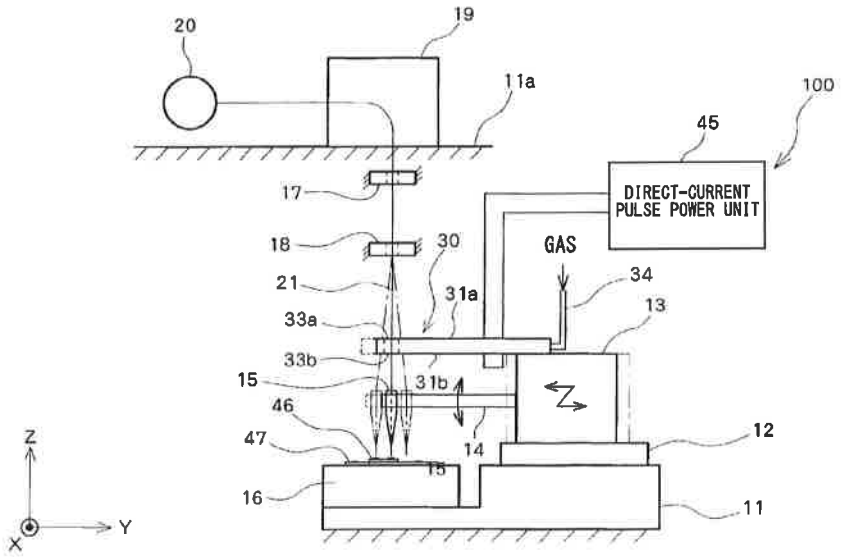

20
19
11a
100
45
DIRECT-CURRENT
PULSE POWER UNIT
17
18
30
GAS
21
31a
34
33a
13
33b
31b
15
46
47
14
12
15
16
11
Z
Y
X

FIG. 8

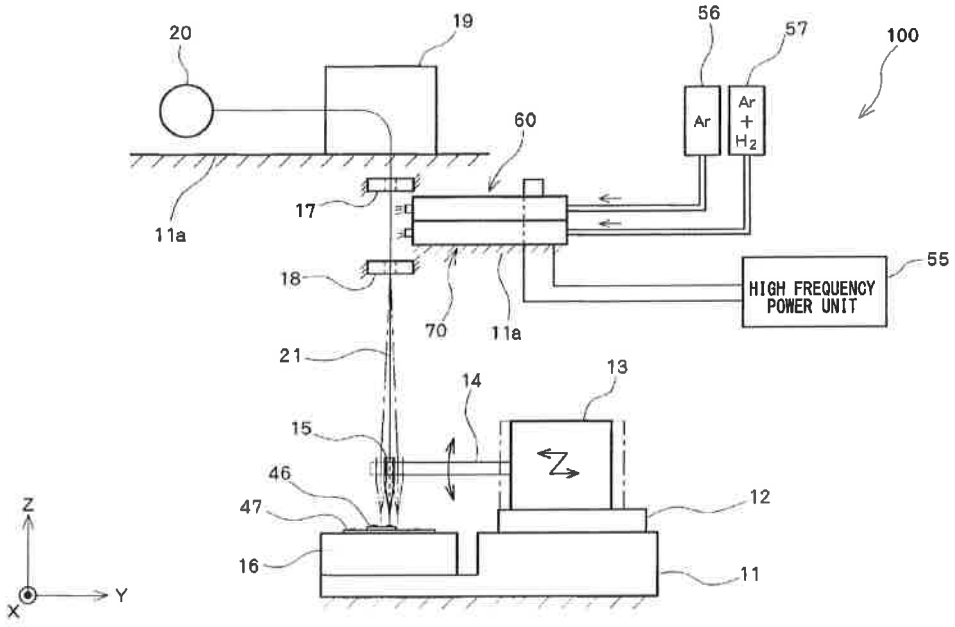

20
19
56
57
100
Ar
Ar + H_2
60
17
11a
18
70
11a
HIGH FREQUENCY POWER UNIT
55
21
14
13
15
46
47
12
16
11
Z
Y
X

FIG. 9

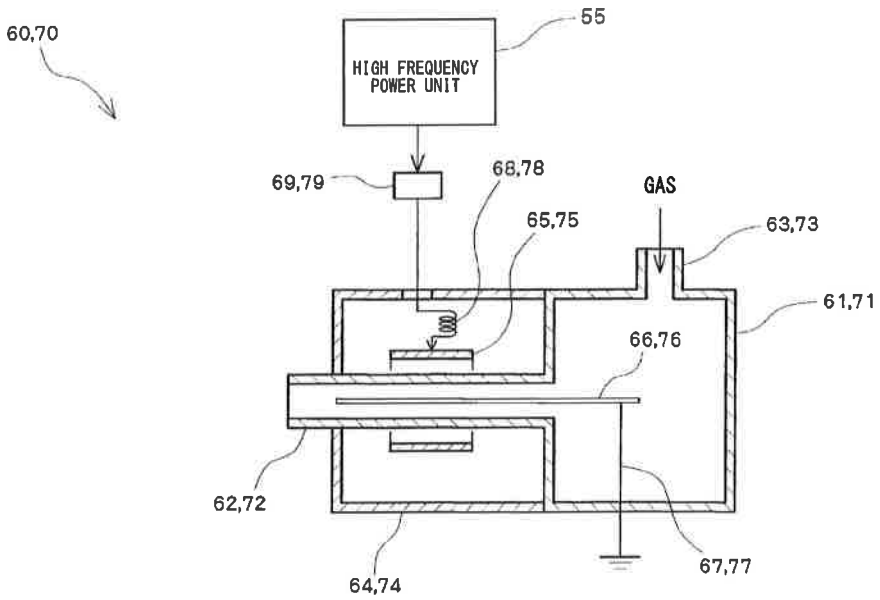

60,70
55
HIGH FREQUENCY POWER UNIT
69,79
68,78
GAS
65,75
63,73
61,71
66,76
62,72
64,74
67,77

FIG. 10

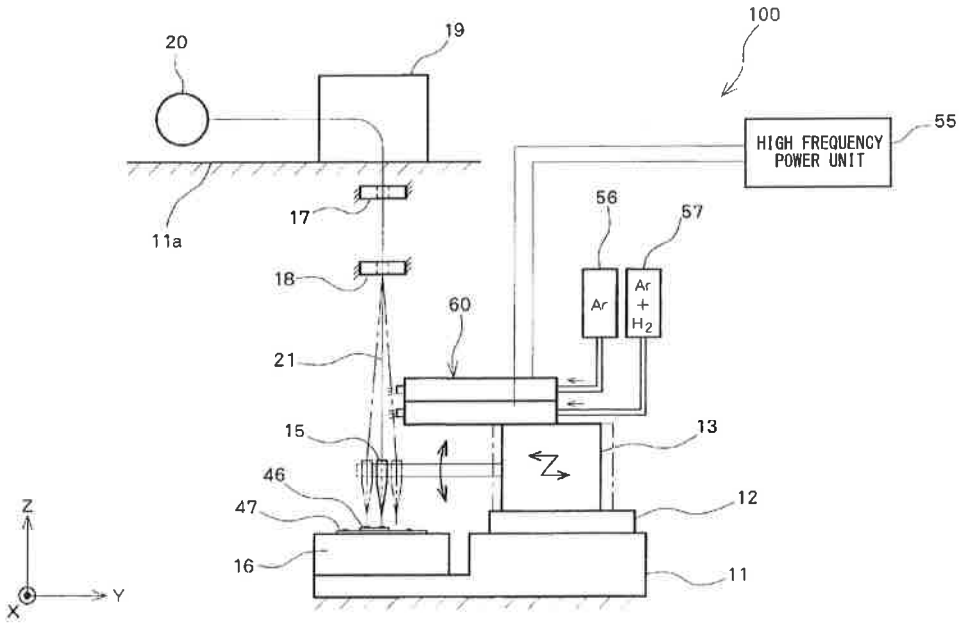

100
20
19
55
HIGH FREQUENCY POWER UNIT
11a
17
56
57
18
Ar
Ar + H_2
60
21
15
13
46
47
12
16
11
Z
Y
X

FIG. 11