

FIG. 1A (PRIOR ART)

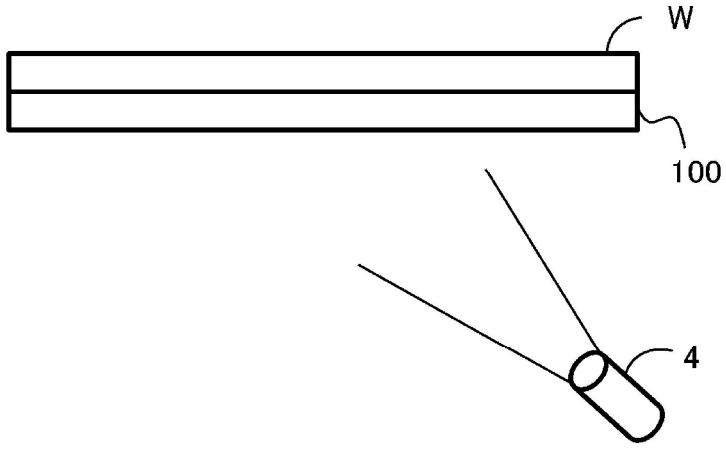


FIG. 1B (PRIOR ART)

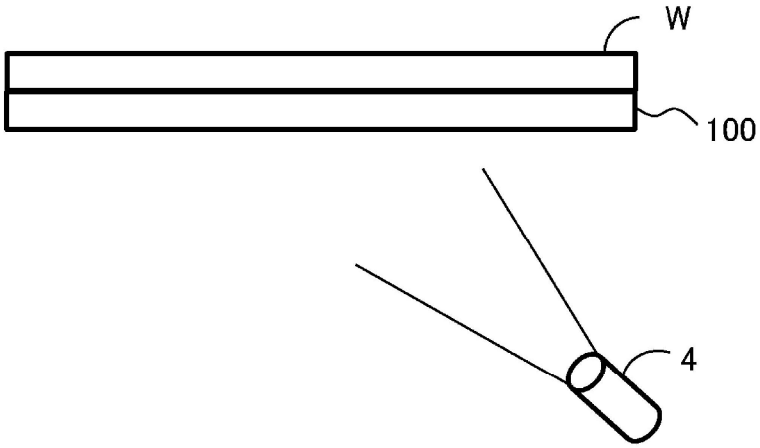


FIG. 2A

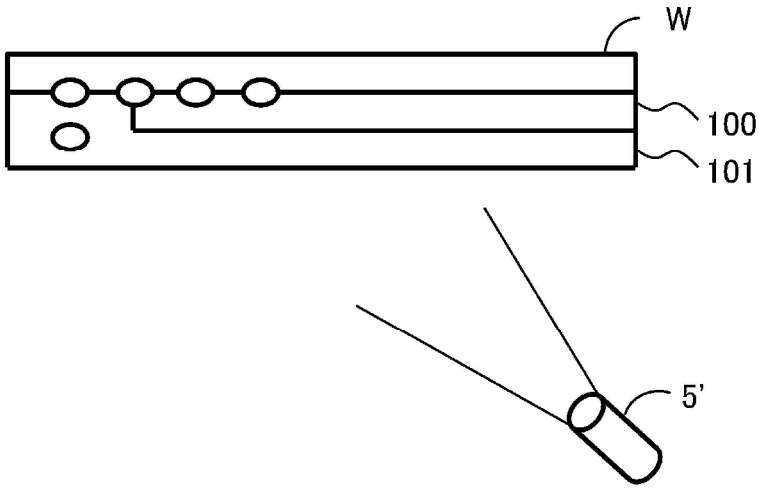


FIG. 2B

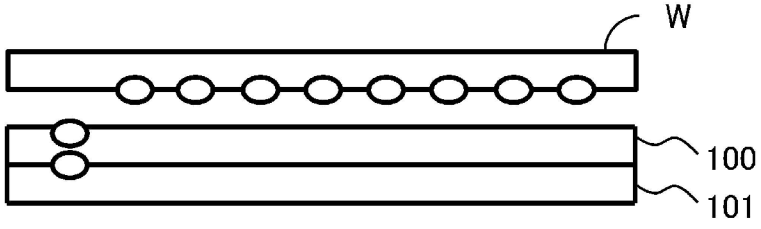


FIG. 2C

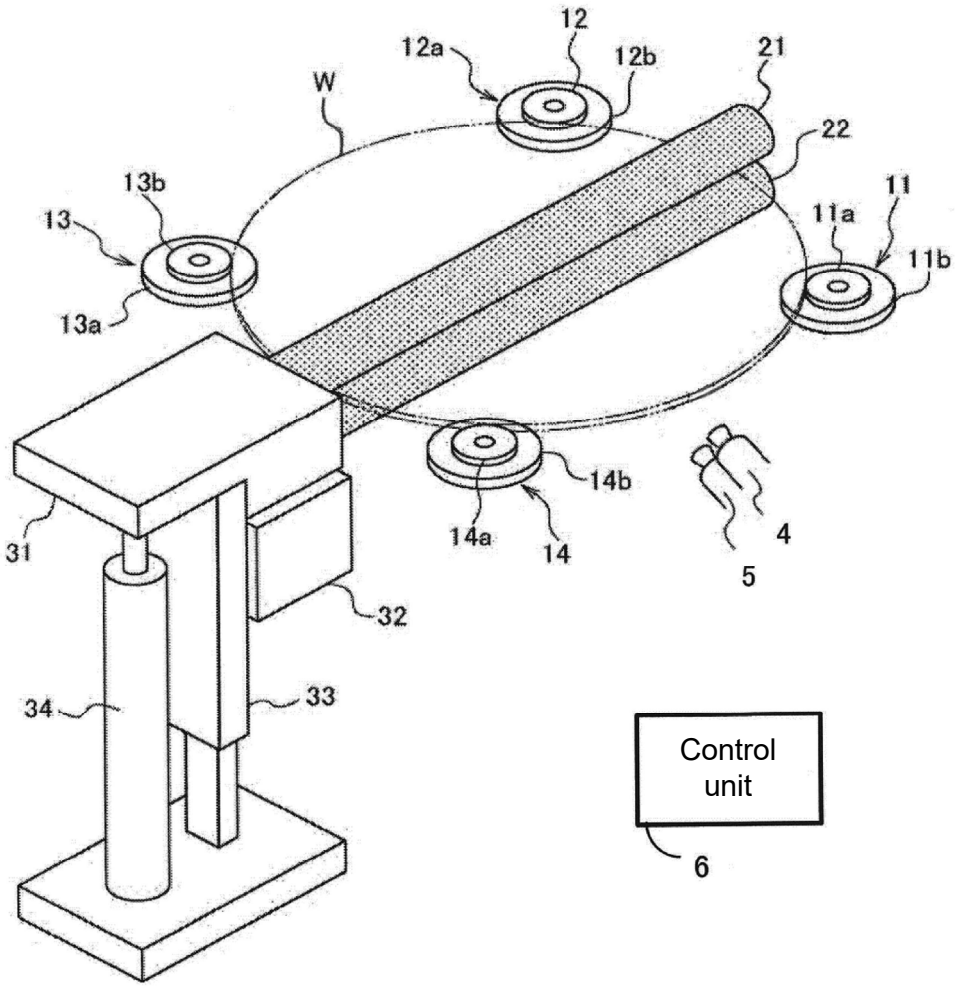

12
12a
12b
21
W
22
13b
11
13
11a
11b
13a
14b
14a
14
4
5
31
32
34
33
Control unit
6

FIG. 3

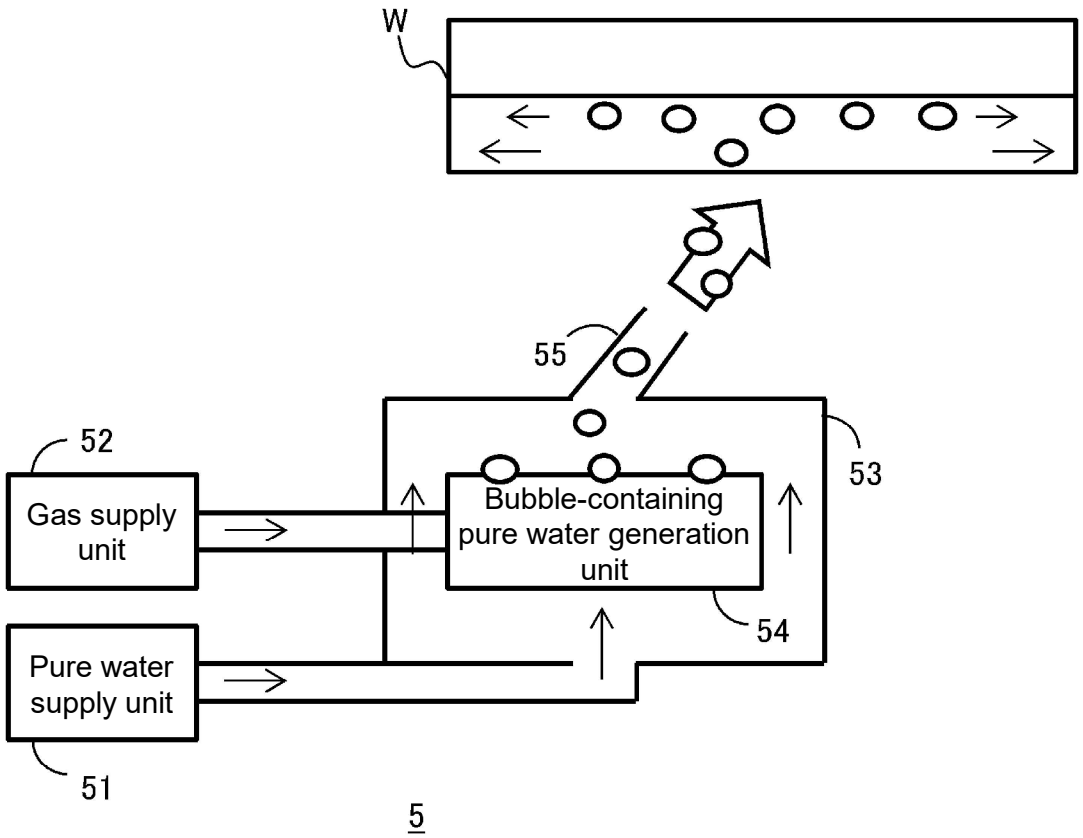

W
55
52
Gas supply unit
Bubble-containing pure water generation unit
53
54
Pure water supply unit
51
5

FIG. 4

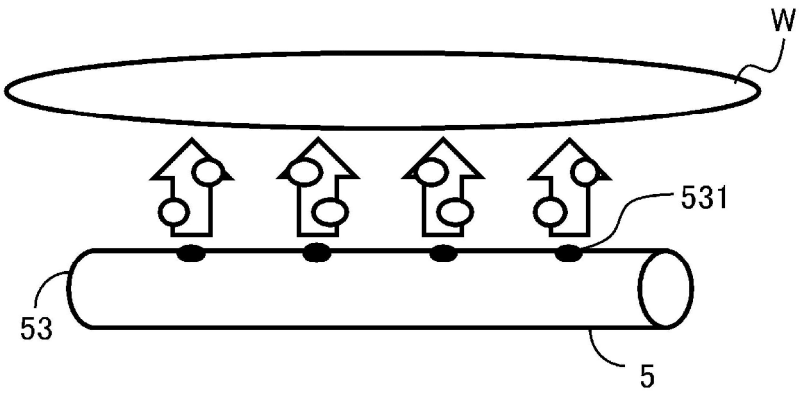

W
531
53
5

FIG. 5A

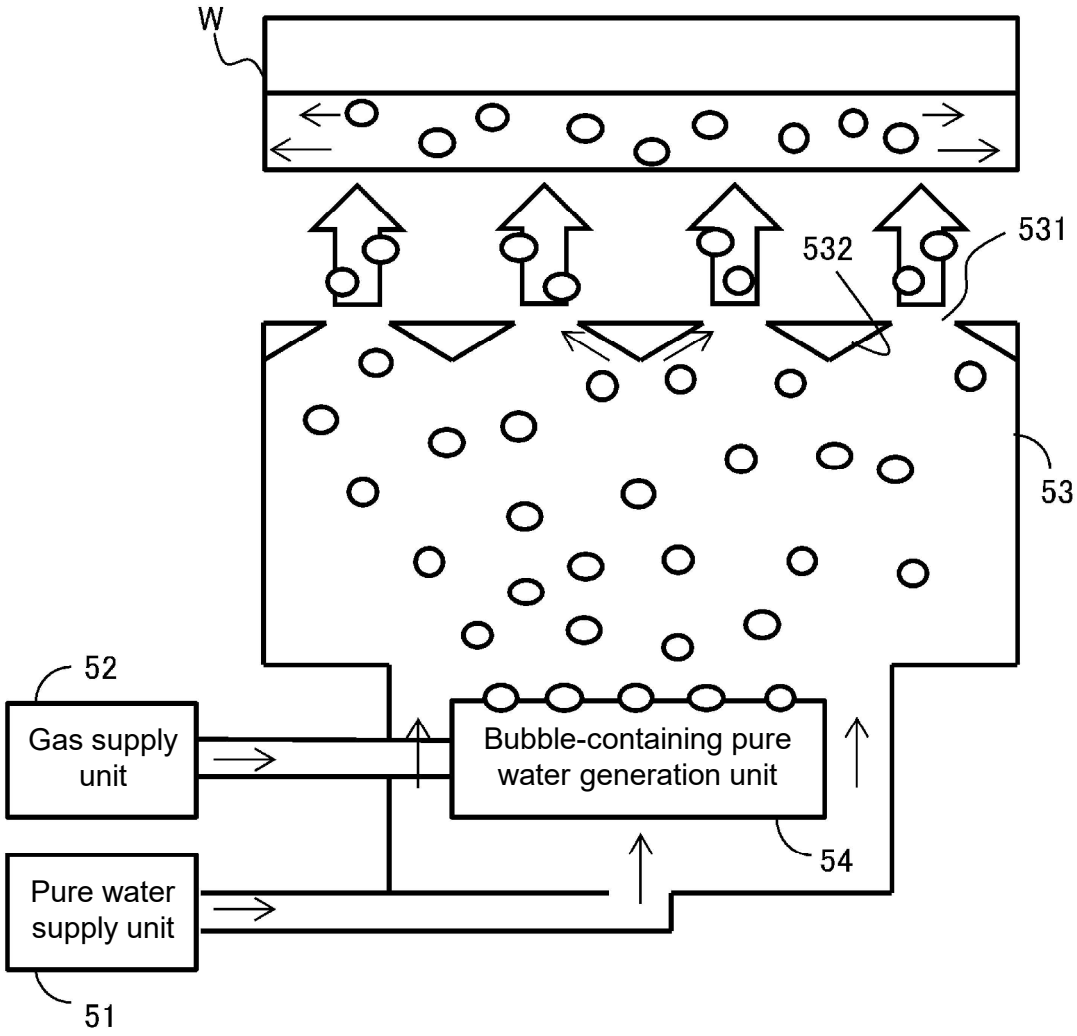

W
531
532
53
52
Gas supply unit
Bubble-containing pure water generation unit
54
Pure water supply unit
51
5

FIG. 5B

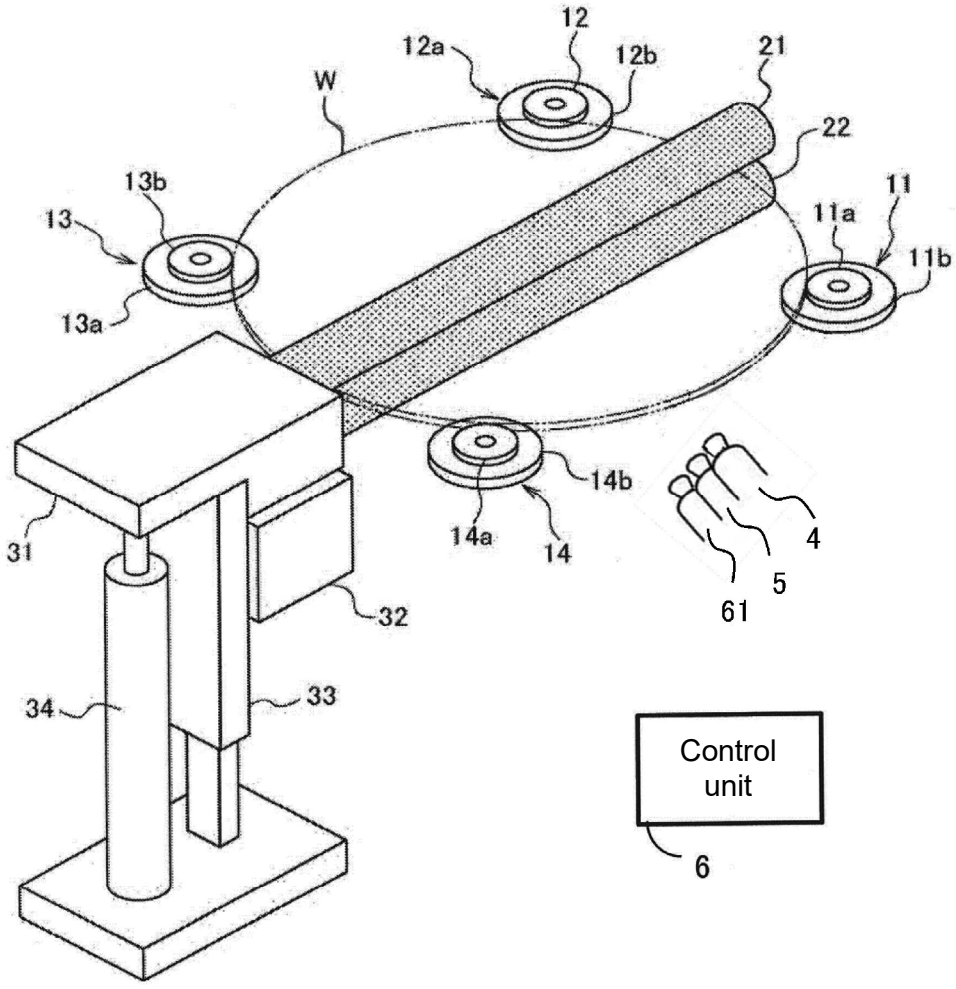

12
12a
12b
21
W
22
13b
13
11
11a
11b
13a
14b
14a
14
4
5
61
31
32
34
33
Control unit
6

FIG. 6A

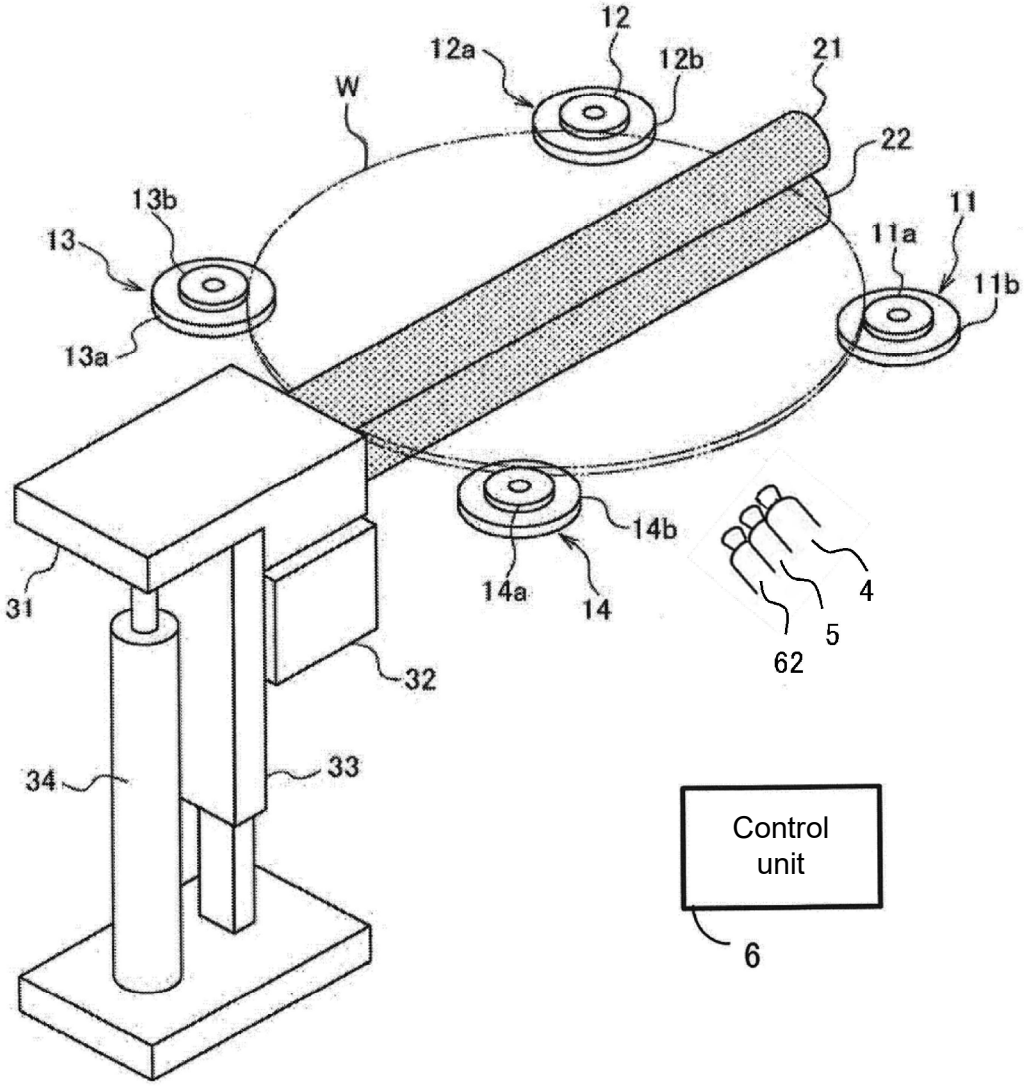

12
12a
12b
21
W
22
13b
13
11
11a
11b
13a
14b
14a
14
4
5
62
31
32
34
33
Control unit
6

FIG. 6B

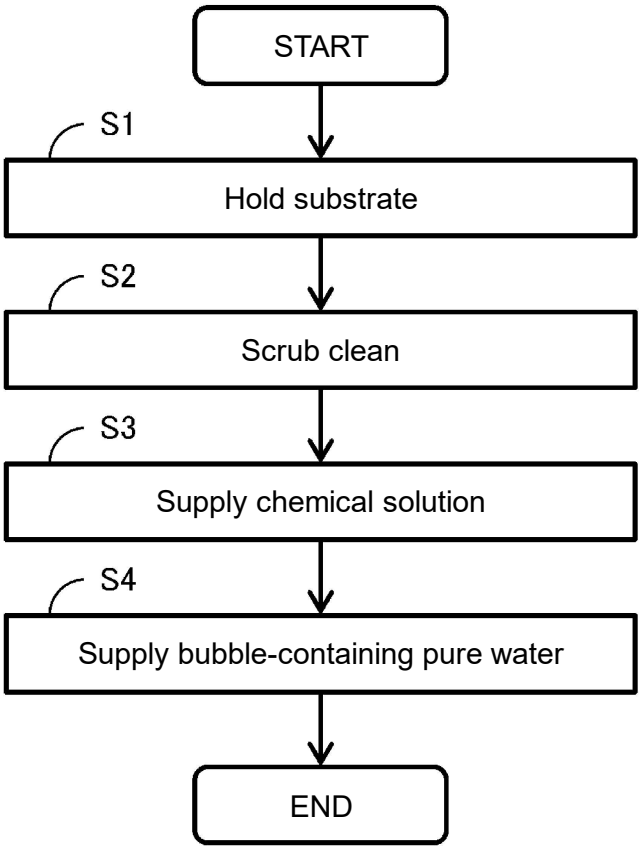

START
S1
Hold substrate
S2
Scrub clean
S3
Supply chemical solution
S4
Supply bubble-containing pure water
END

FIG. 7