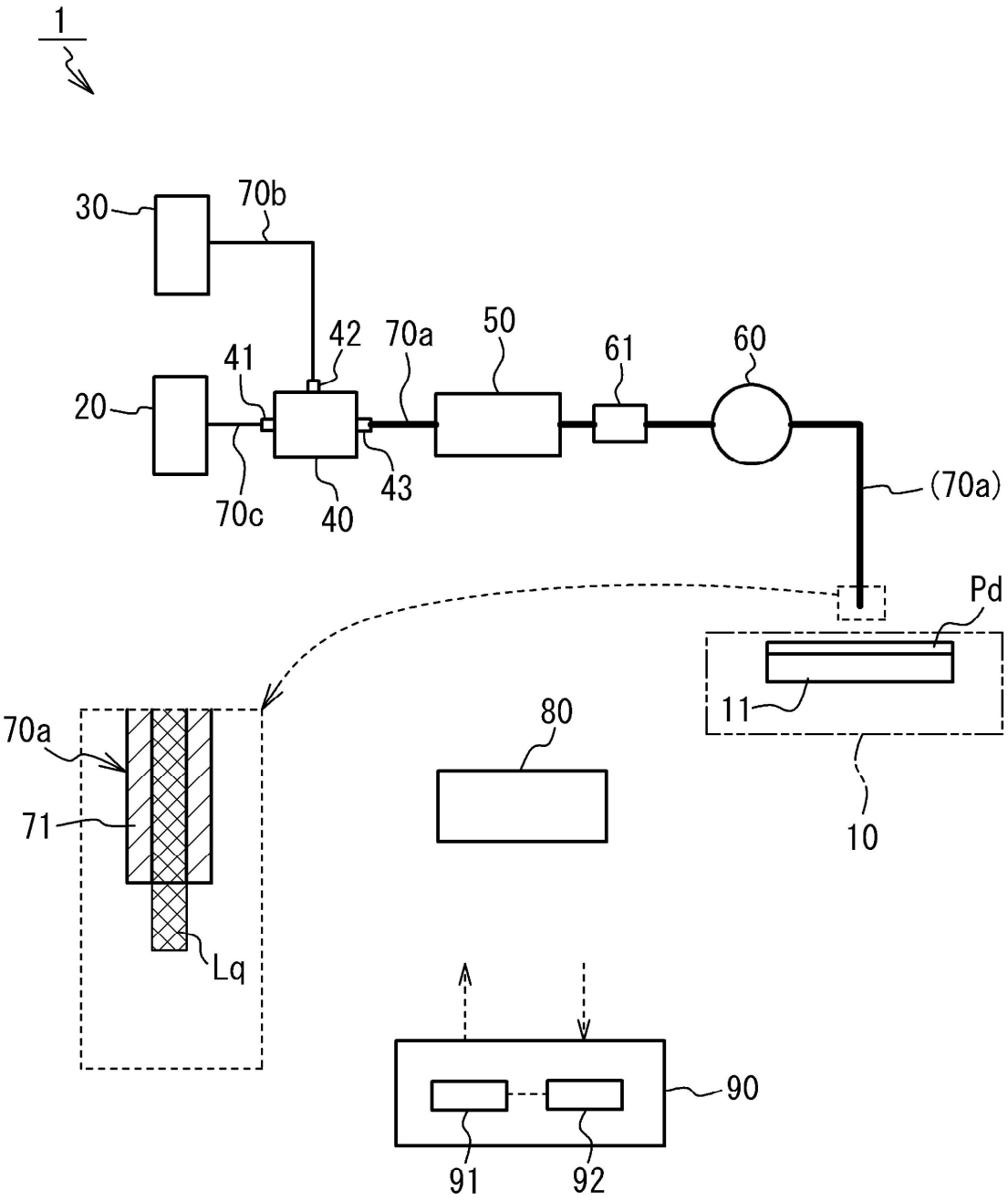

1
30
70b
42
70a
50
61
60
41
20
43
70c
40
(70a)
Pd
11
10
80
70a
71
Lq
90
91
92

FIG. 1

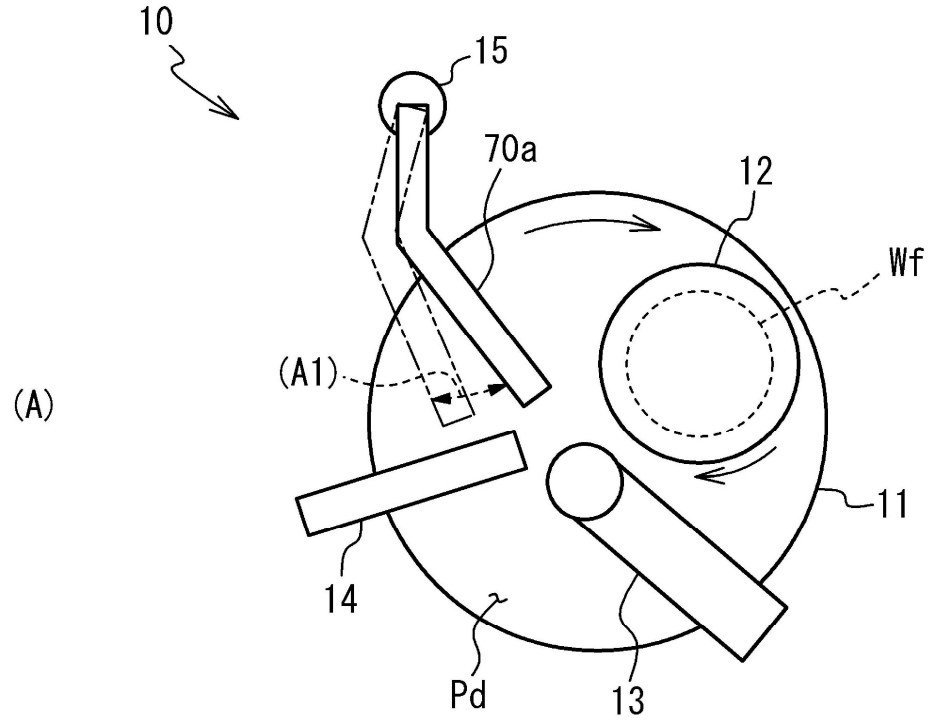
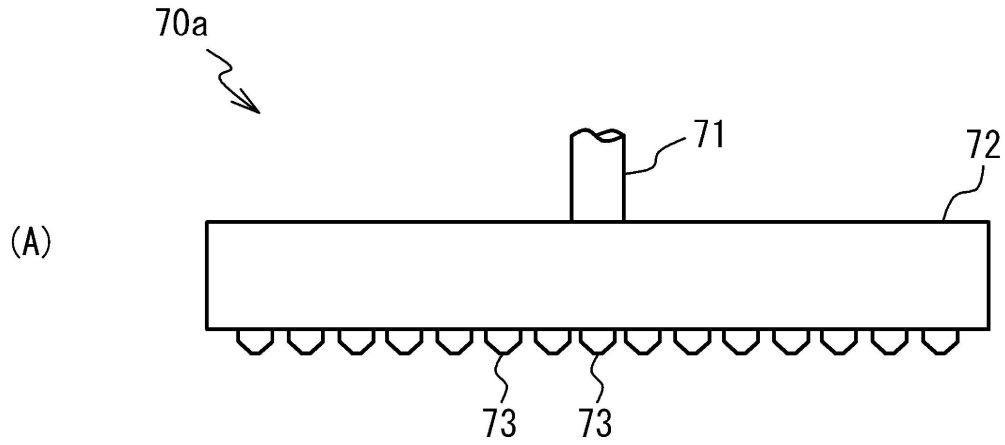


FIG. 2



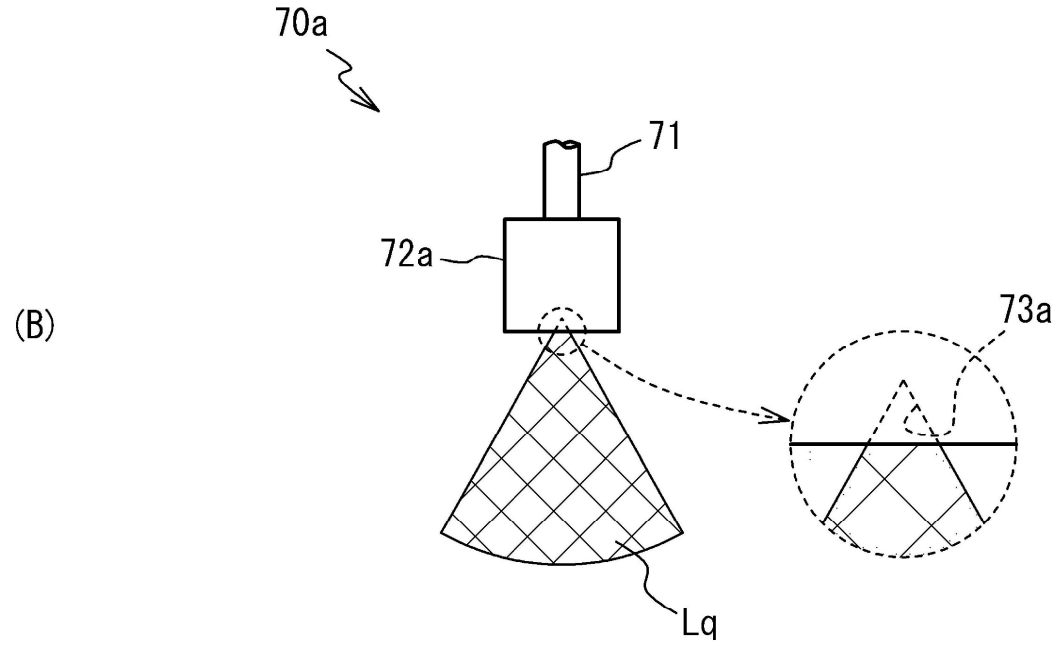


FIG. 3

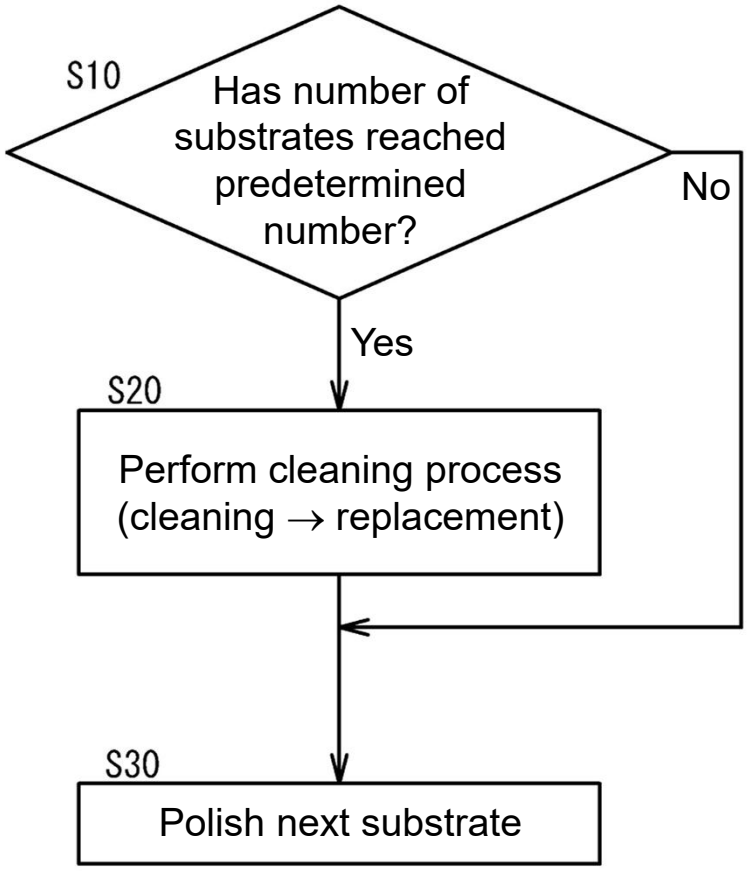

S10
Has number of substrates reached predetermined number?
No
Yes
S20
Perform cleaning process (cleaning → replacement)
S30
Polish next substrate

FIG. 4

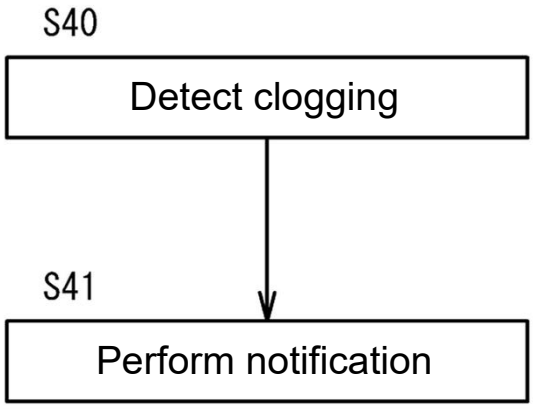
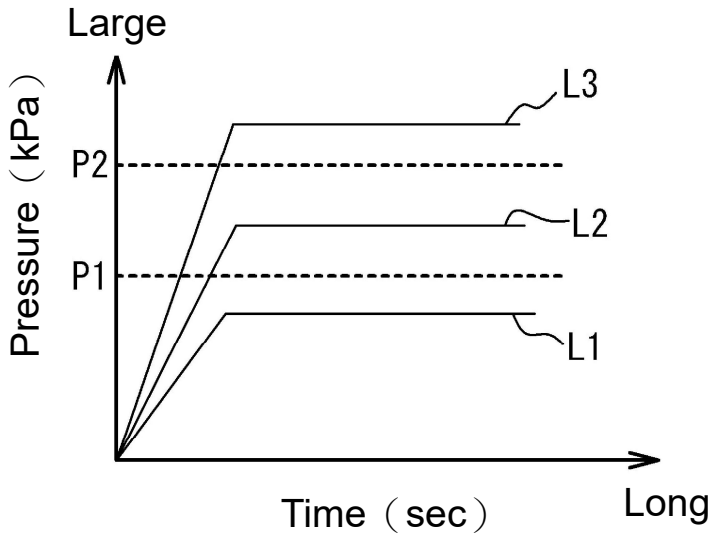

S40
Detect clogging
S41
Perform notification

FIG. 5

(A)


Large
Pressure（kPa）
P2
P1
L3
L2
L1
Time（sec）
Long

(B)

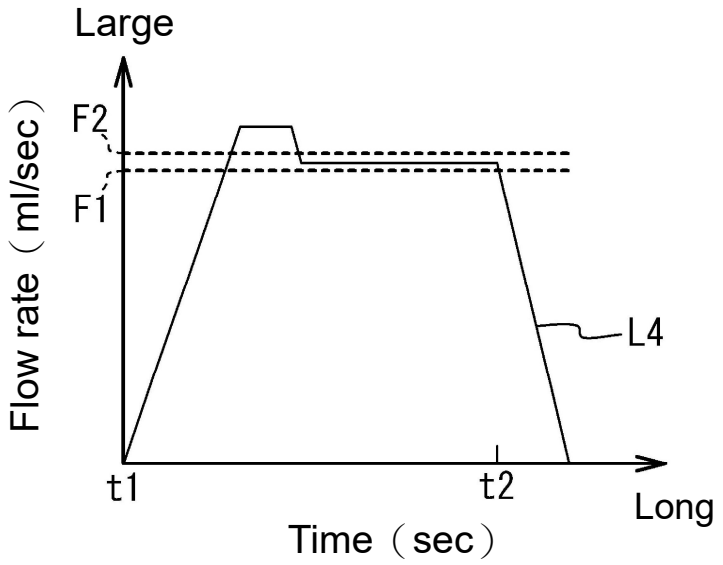

Large
Flow rate（ml/sec）
F2
F1
L4
t1
t2
Long
Time（sec）

FIG. 6

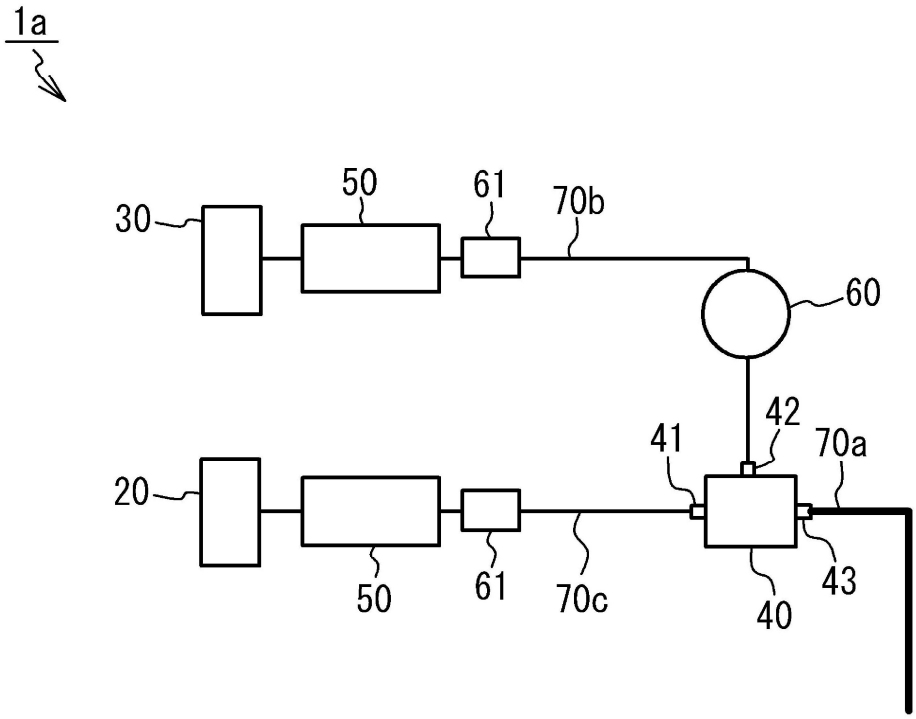

1a
30
50
61
70b
60
42
41
70a
20
50
61
70c
40
43

FIG. 7

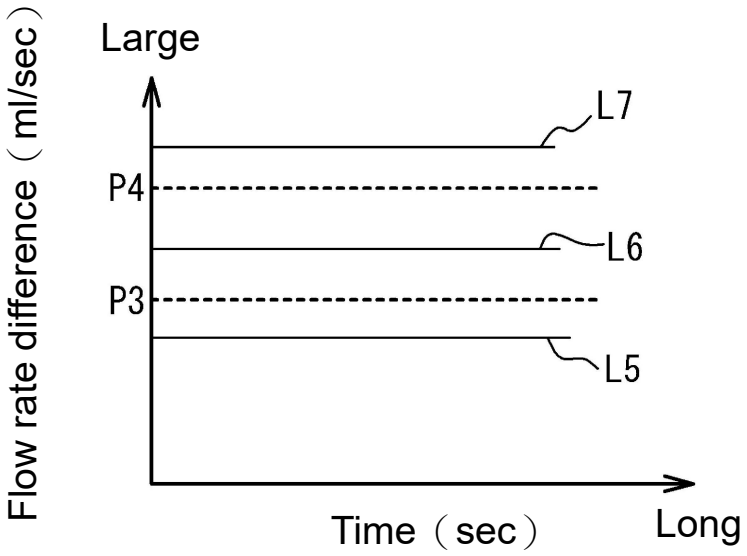

Large
Flow rate difference（ml/sec）
L7
P4
L6
P3
L5
Time（sec）
Long

FIG. 8