

FIG. 1

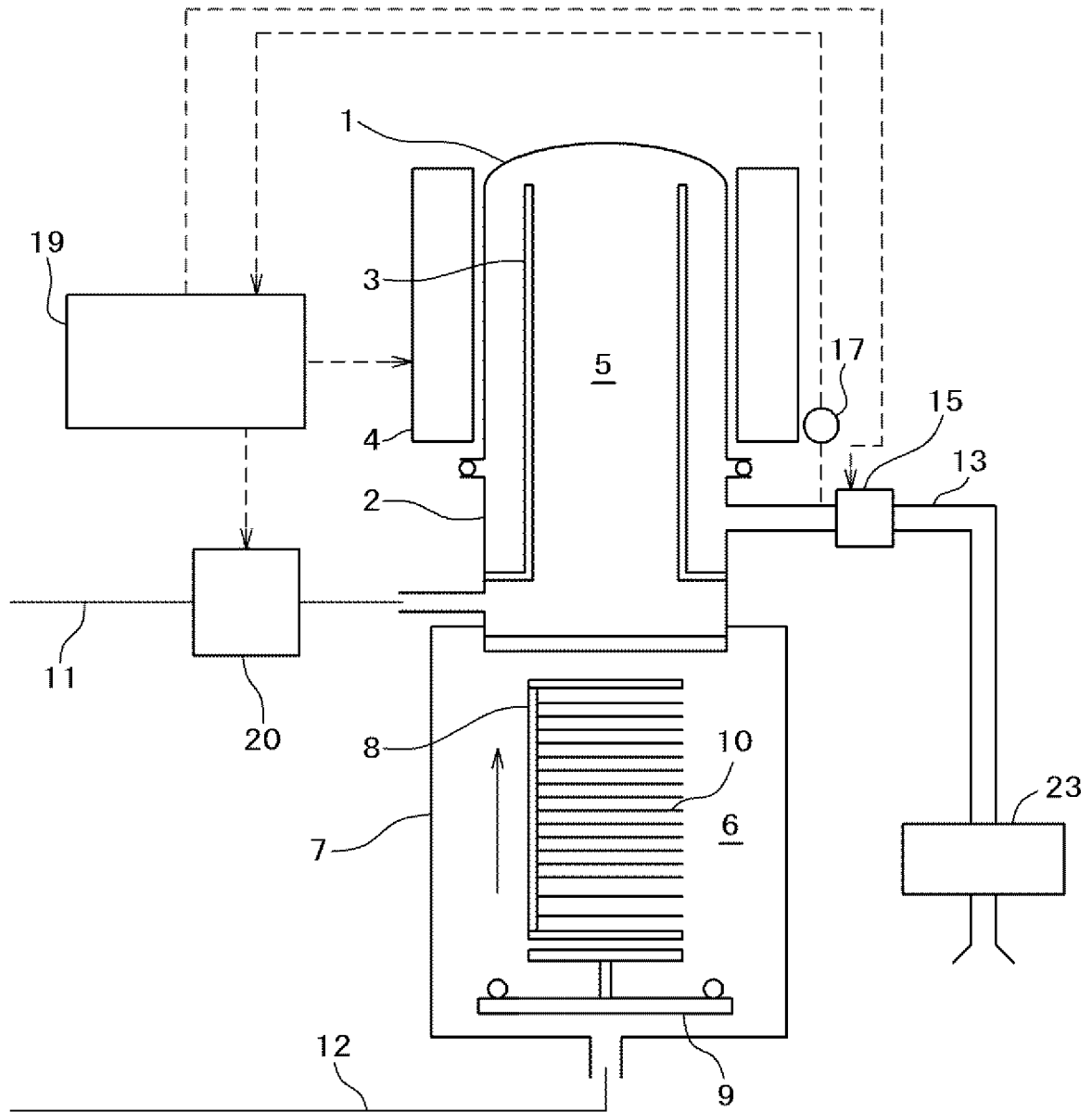
100

FIG. 2

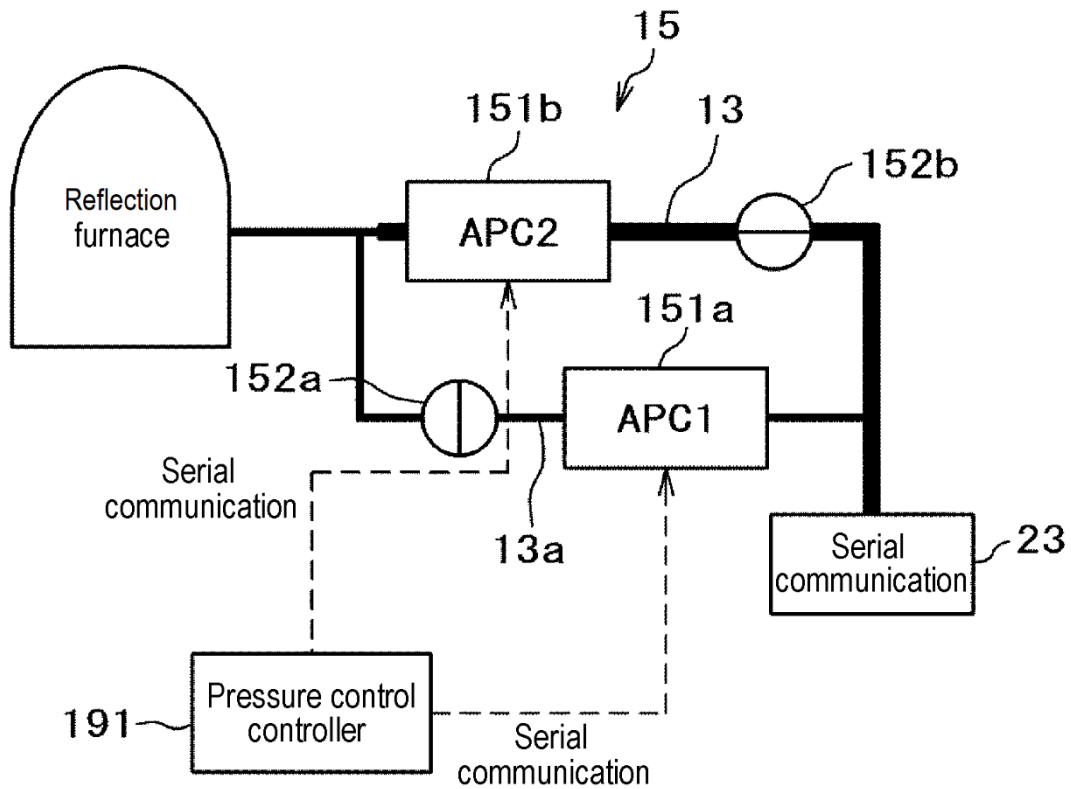


FIG. 3

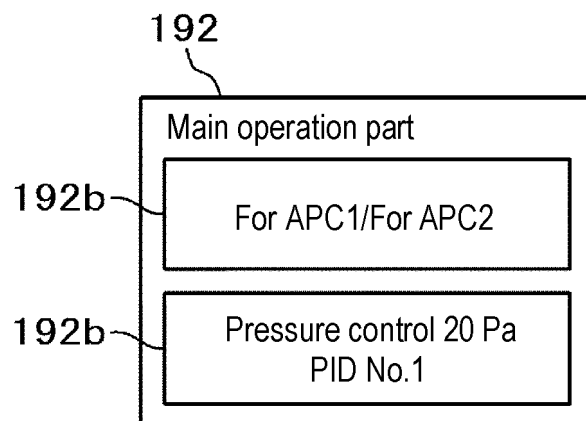


FIG. 4A

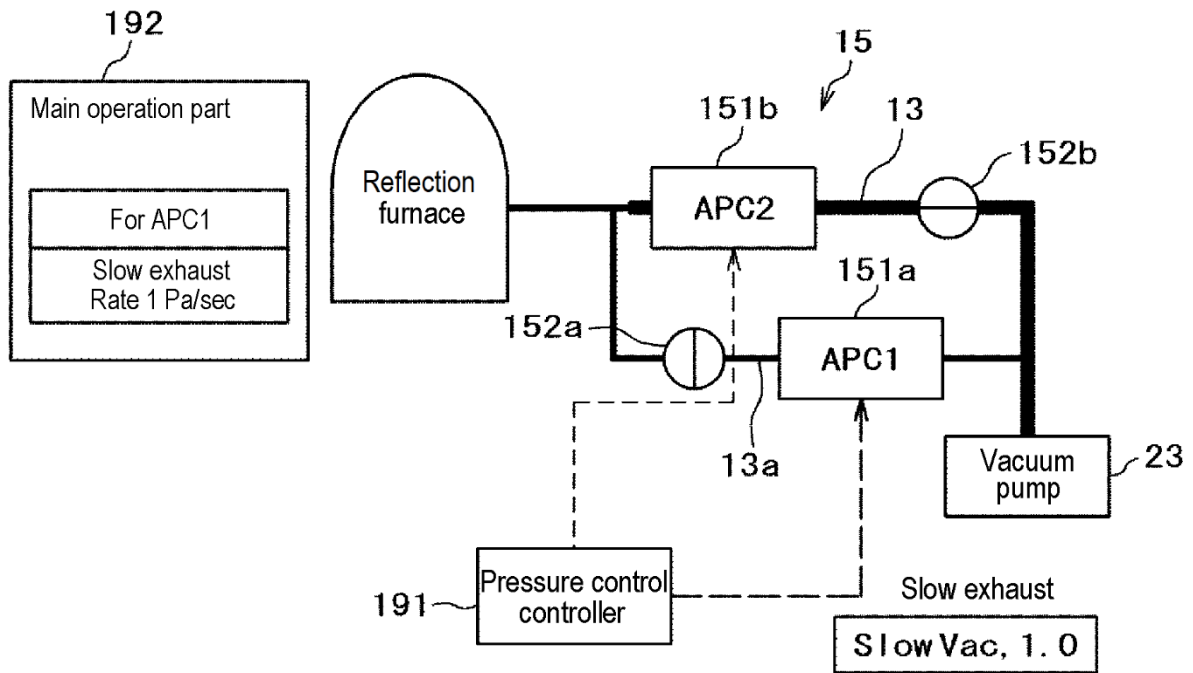


FIG. 4B

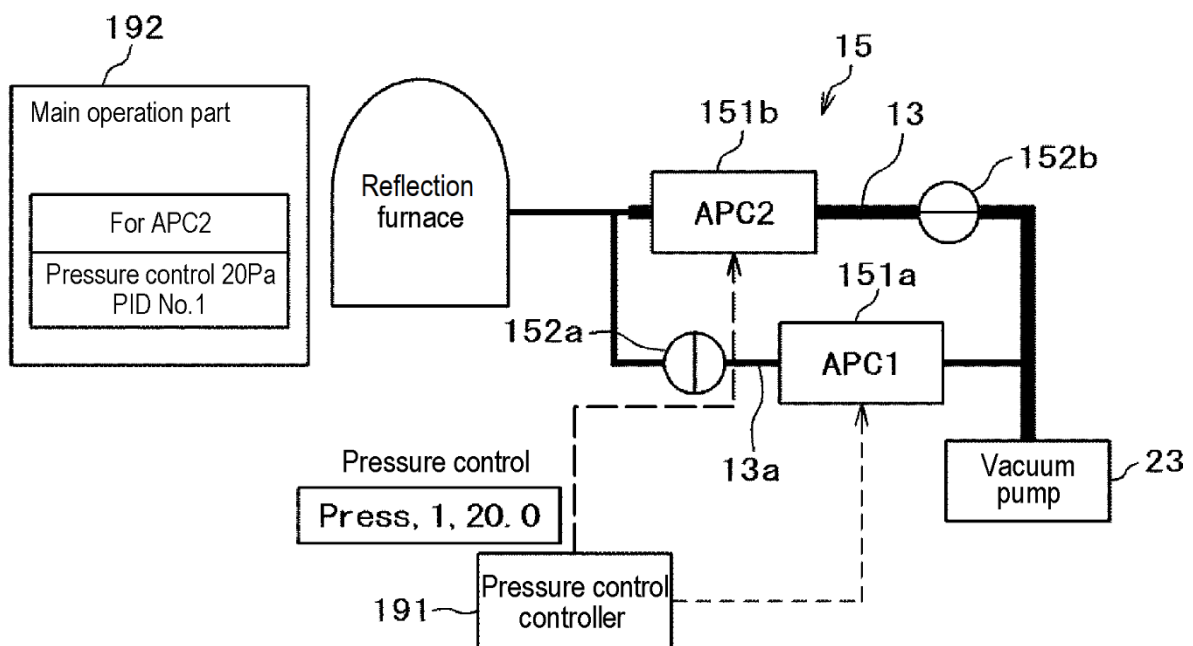


FIG. 5A

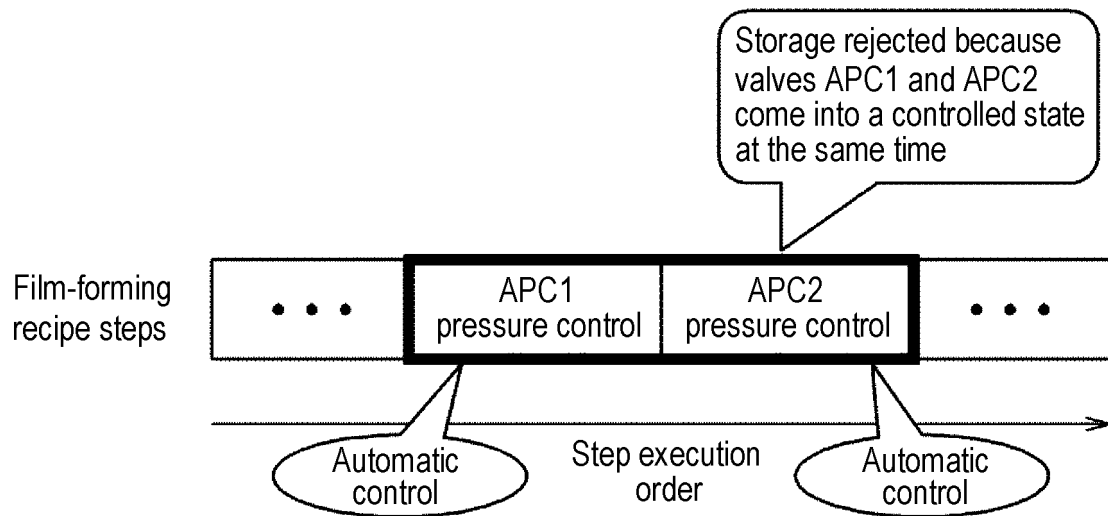


FIG. 5B

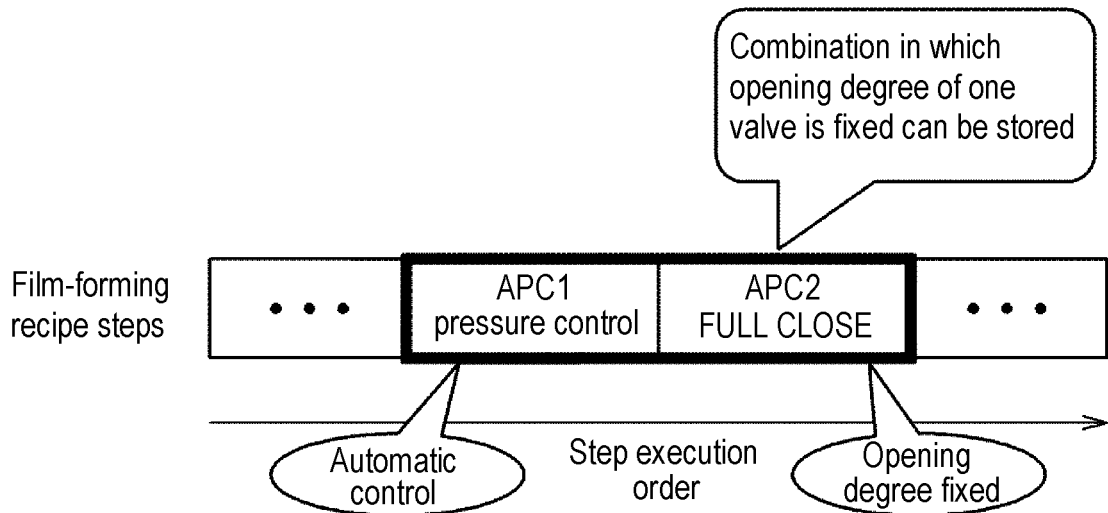


FIG. 6

| Recipe step setting |                               |                |                  |                      |                       |
|---------------------|-------------------------------|----------------|------------------|----------------------|-----------------------|
| No.                 | Recipe steps                  | Instructed APC | Pressure command | Valve of bypass line | Valve of exhaust line |
| 1                   | APC1 slow exhaust             | APC1           | SLOW VAC         | OPEN                 | CLOSE                 |
| 2                   | APC1 Press                    | APC1           | PRESS            | ↓                    | ↓                     |
| 3                   | APC1 slow exhaust (2nd stage) | APC1           | SLOW VAC         | ↓                    | ↓                     |
| 4                   | LEAK CHECK                    | APC1           | FULL CLOSE       | CLOSE                | ↓                     |
| 5                   | APC2 Full Open                | APC2           | FULL OPEN        | ↓                    | OPEN                  |
| 6                   | APC2 Press                    | APC2           | PRESS            | ↓                    | ↓                     |
| 7                   | APC2 Full Close               | APC2           | FULL CLOSE       | ↓                    | CLOSE                 |



: APC not subjected to control is closed

FIG. 7

