

FIG.1

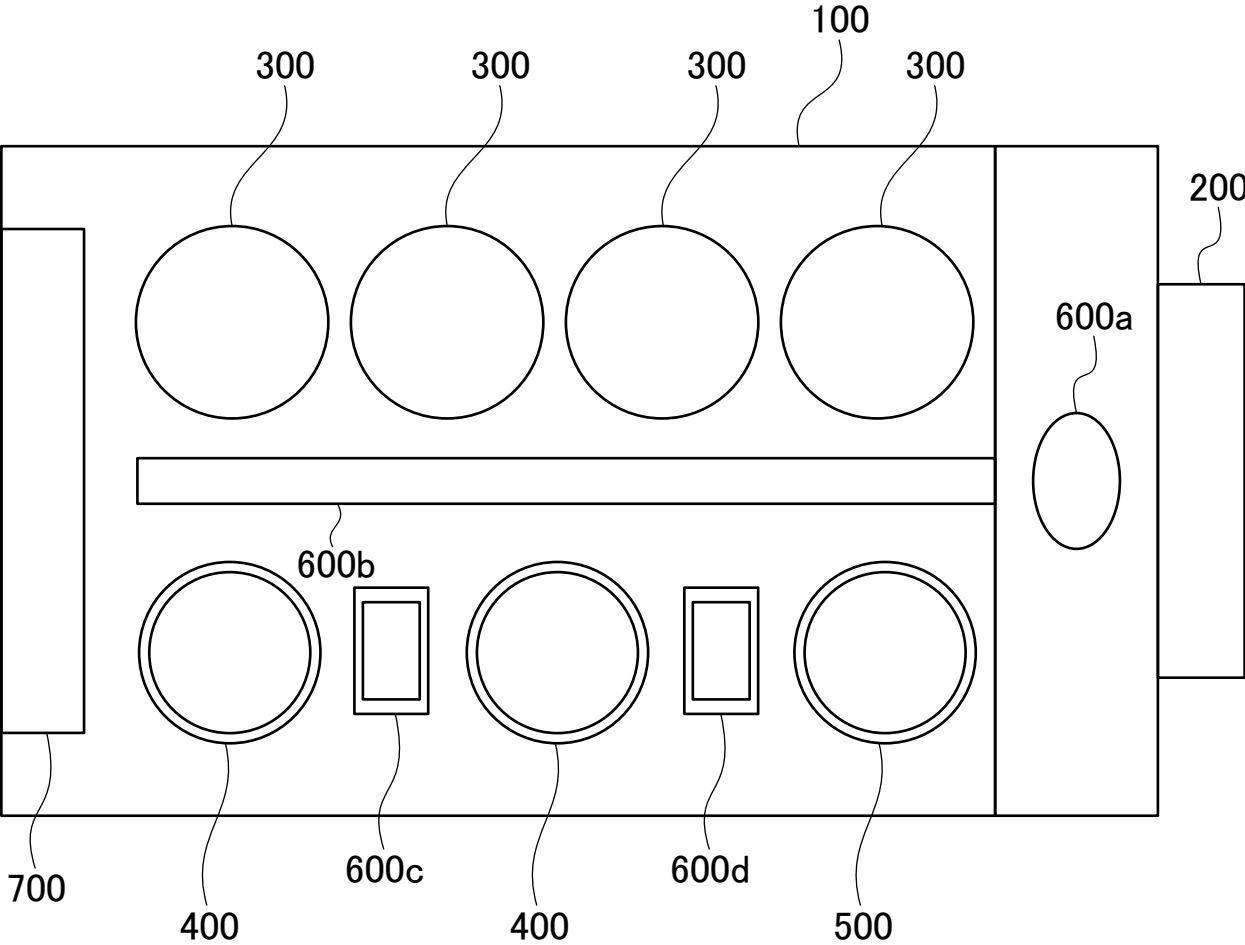
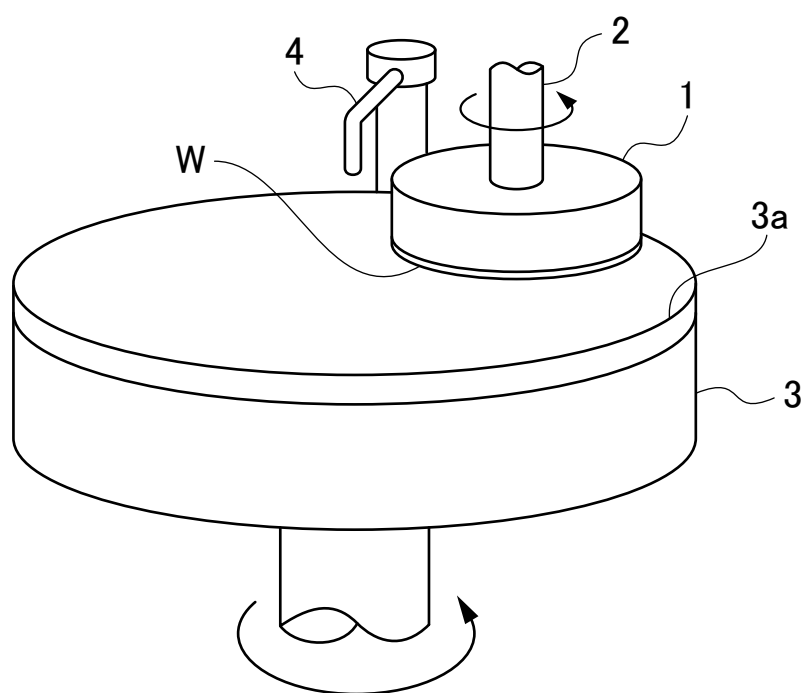
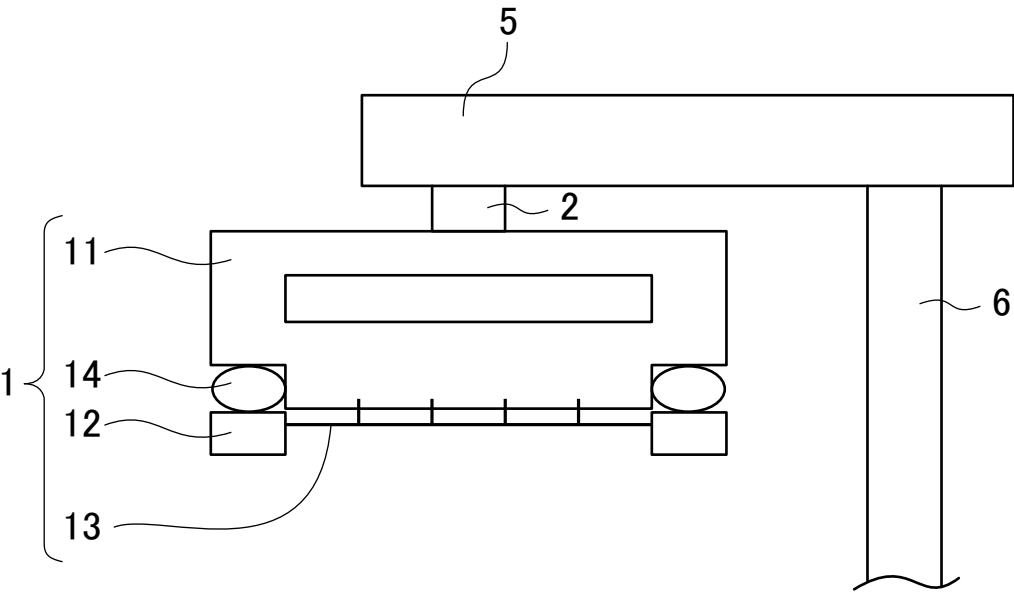


FIG.2A



300

FIG.2B



300

FIG.3A

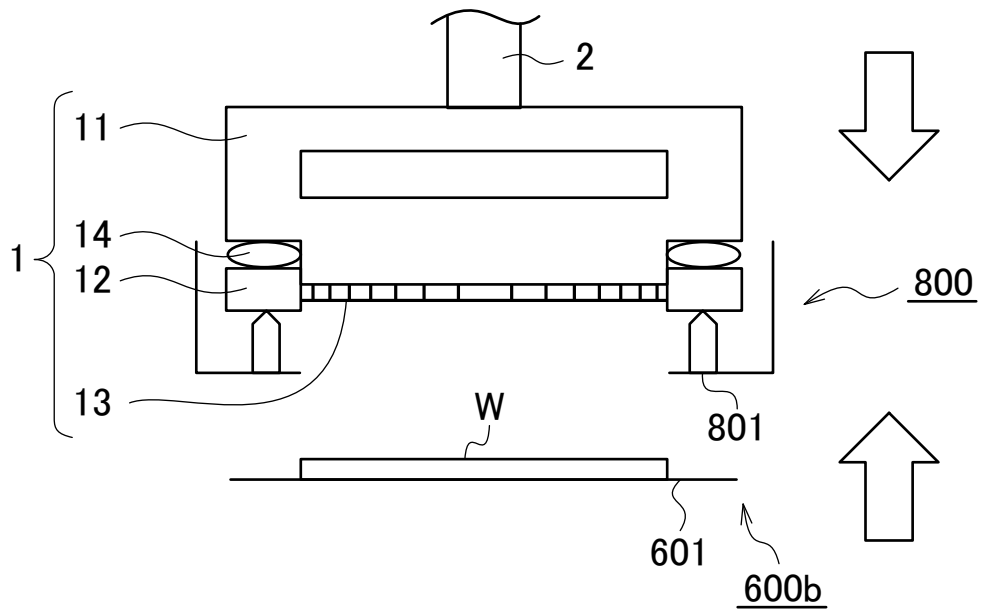


FIG.3B

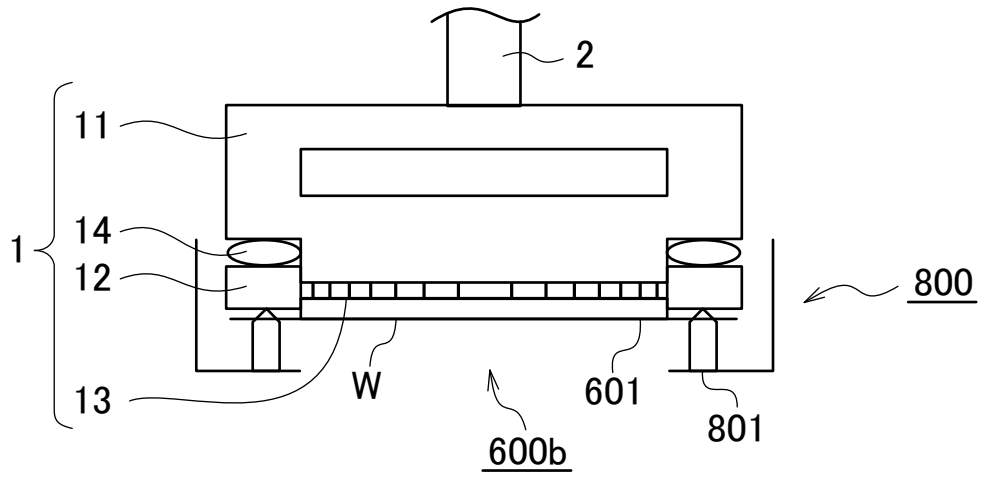


FIG.3C

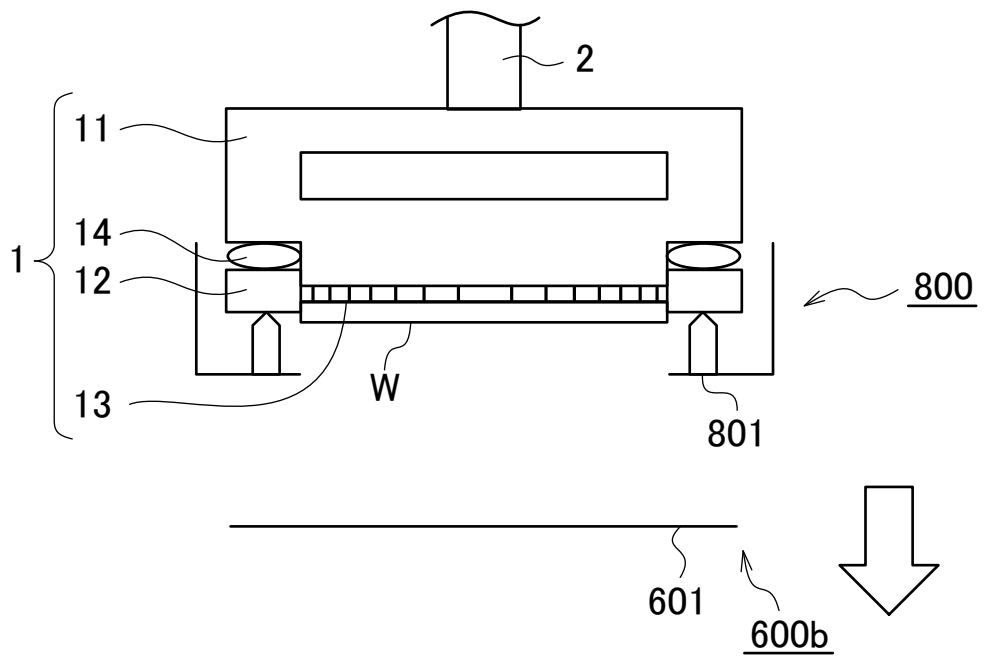


FIG.4

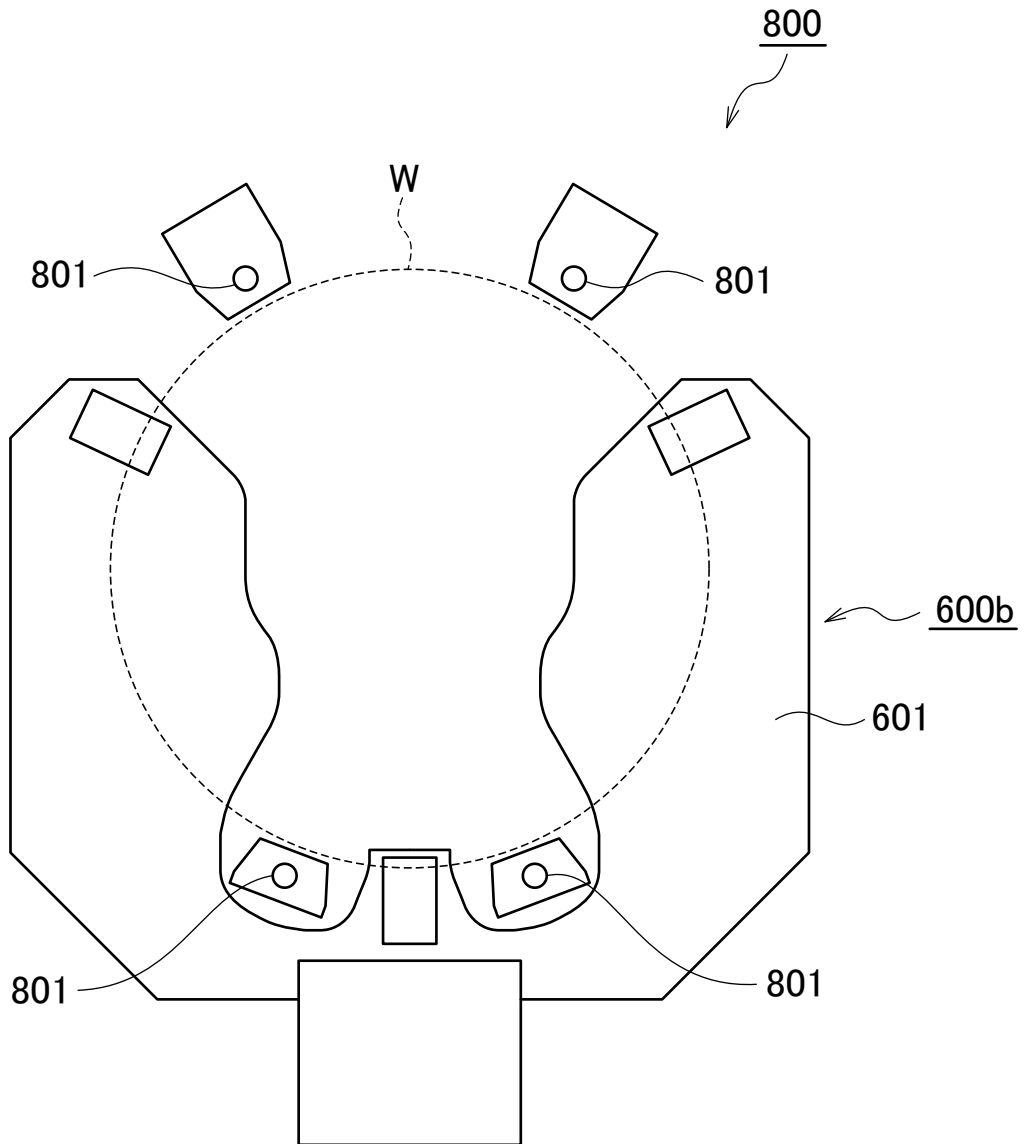


FIG. 5

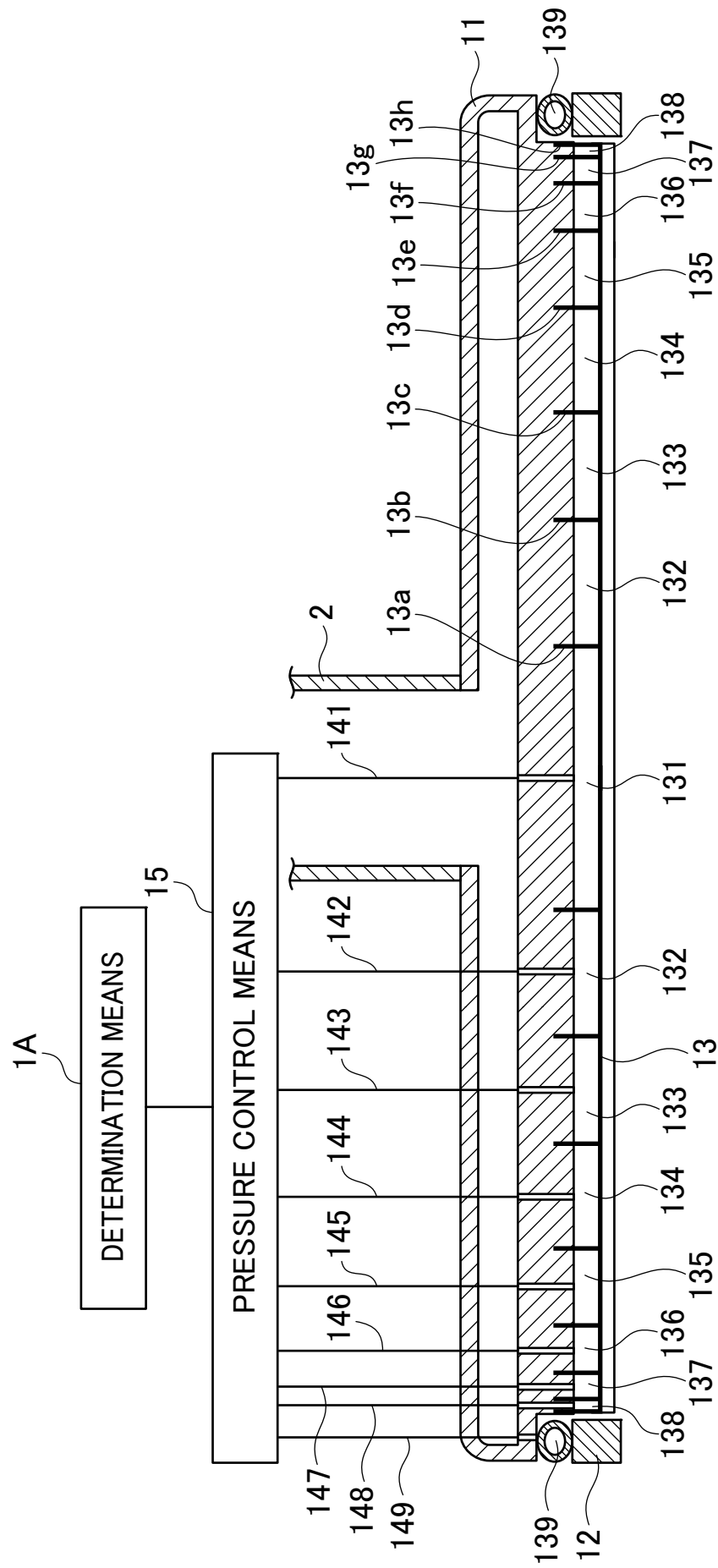


FIG.6

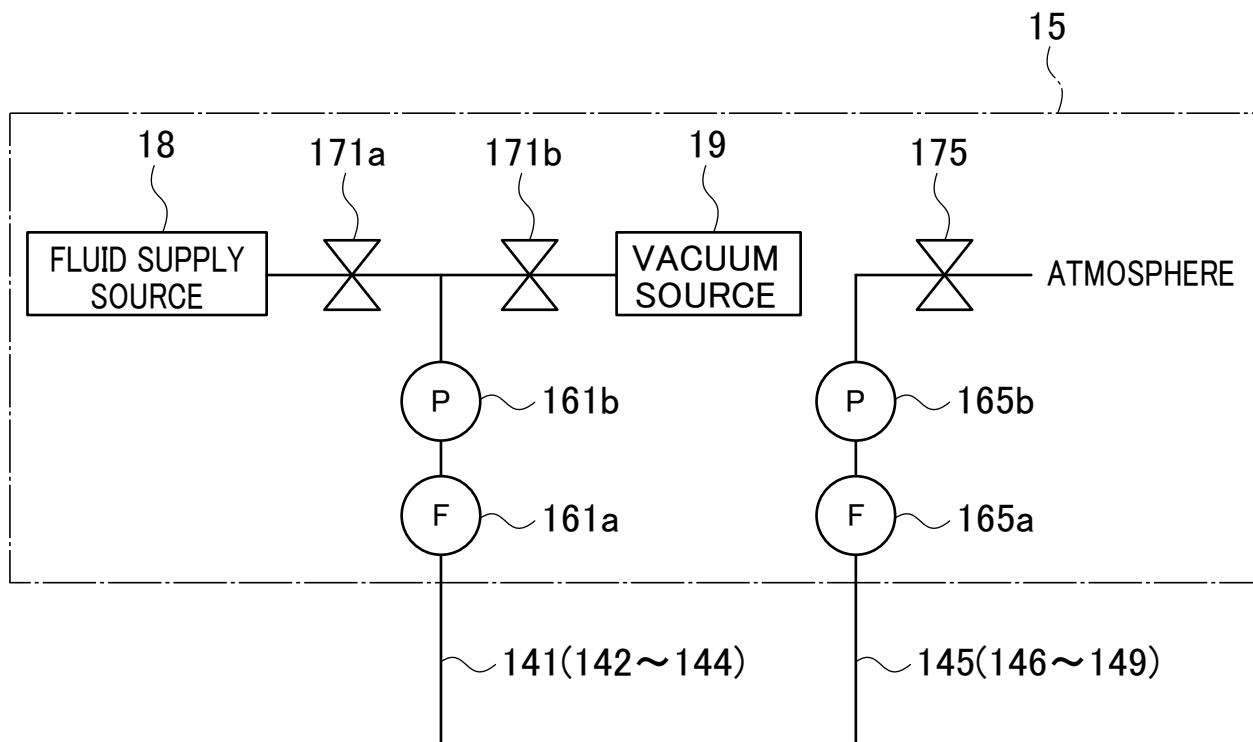


FIG.7A

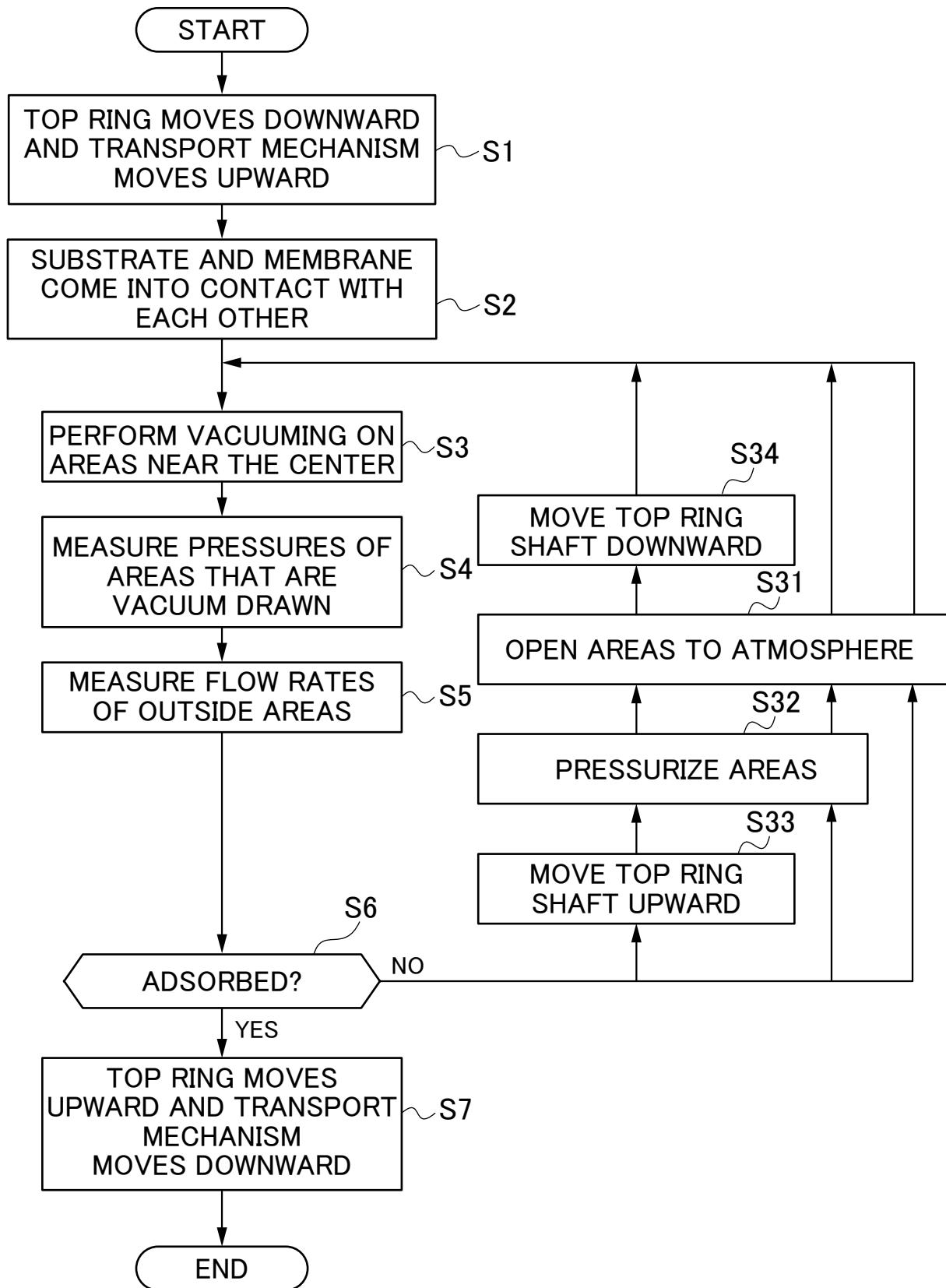


FIG.7B

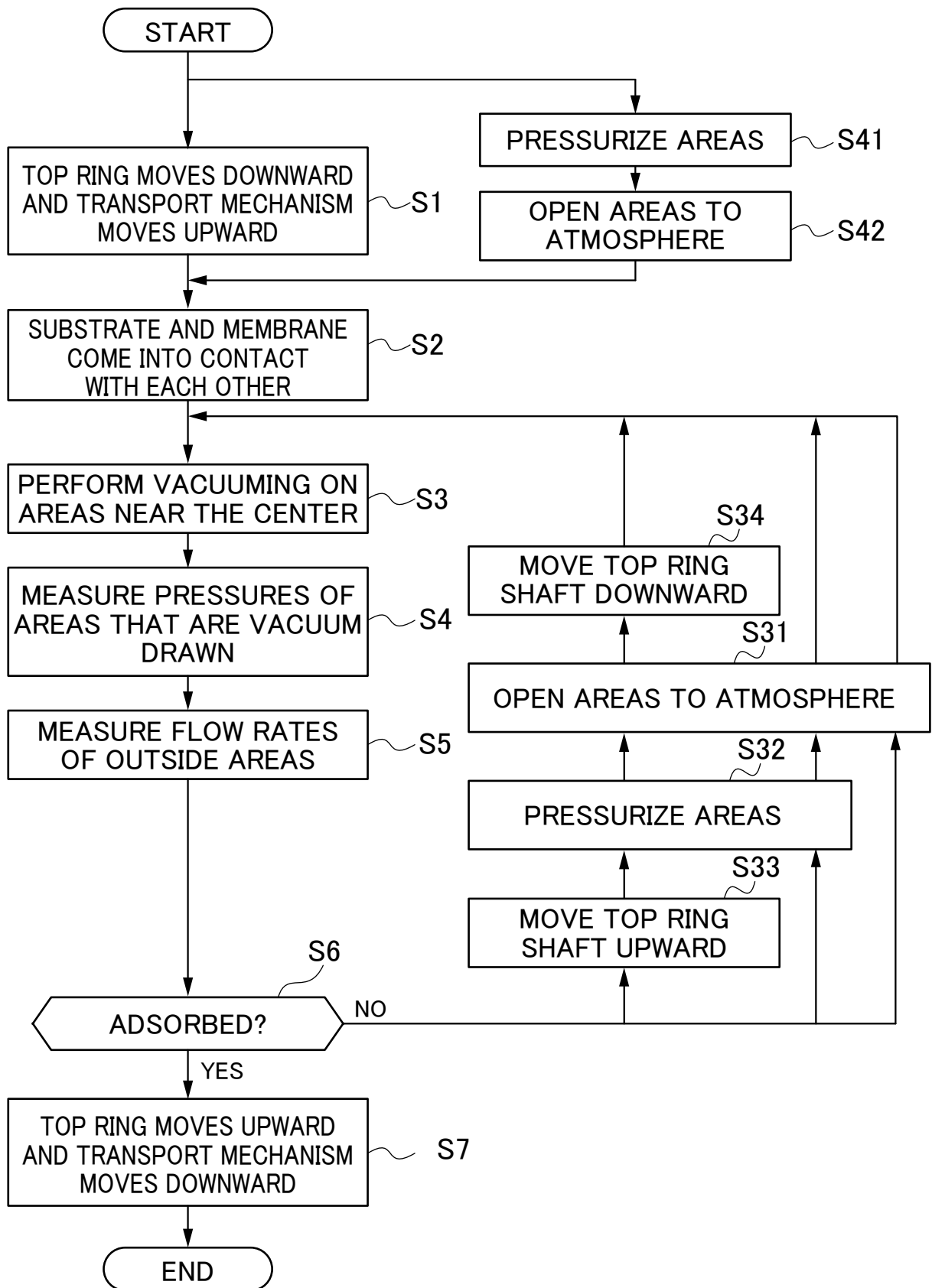


FIG.8A

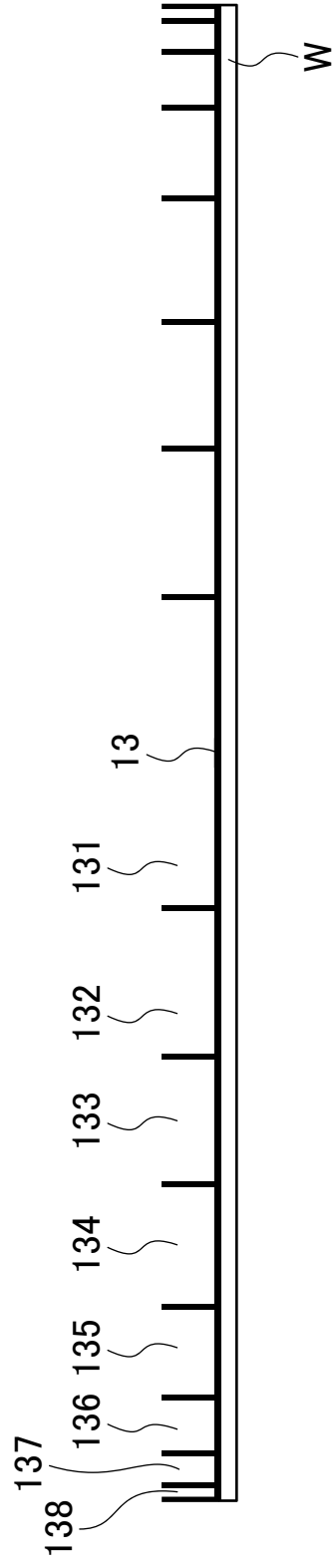


FIG.8B

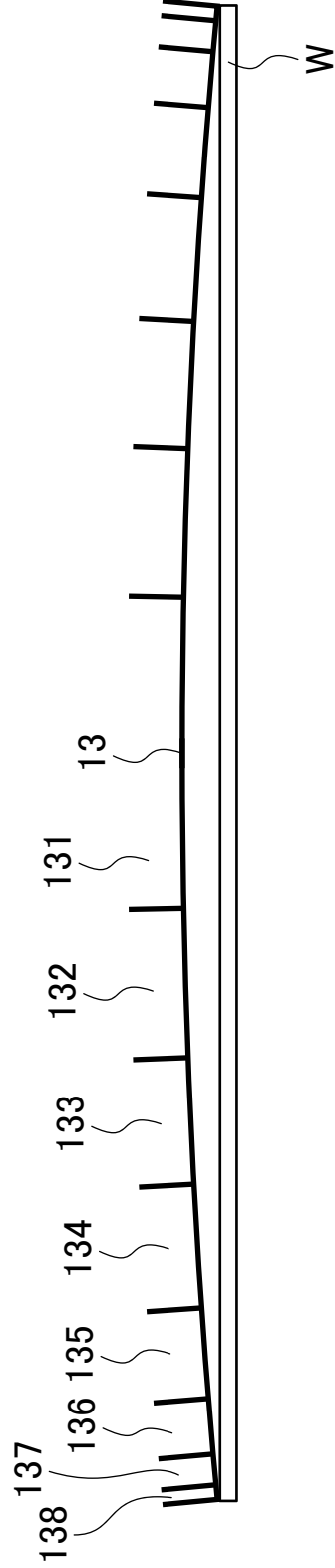


FIG.9

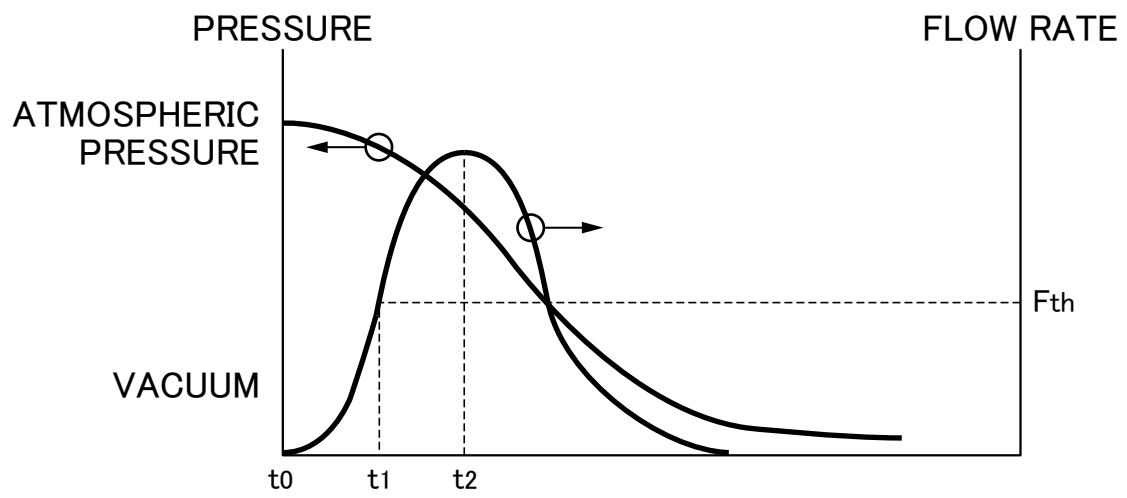


FIG.10

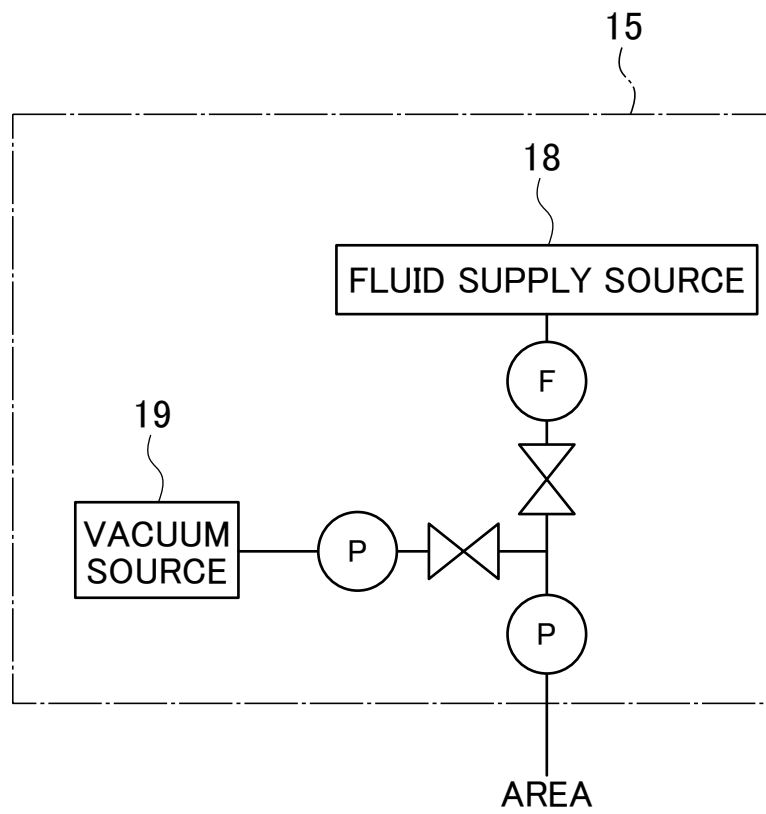


FIG.11

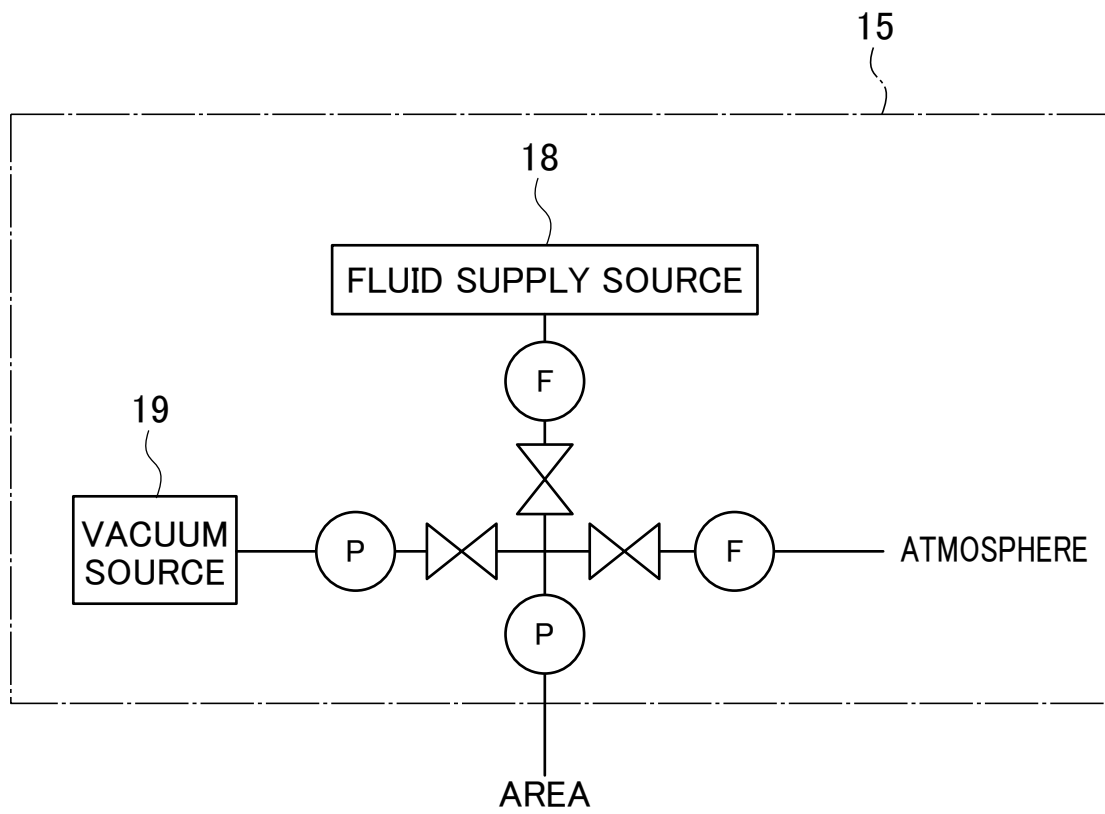


FIG.12

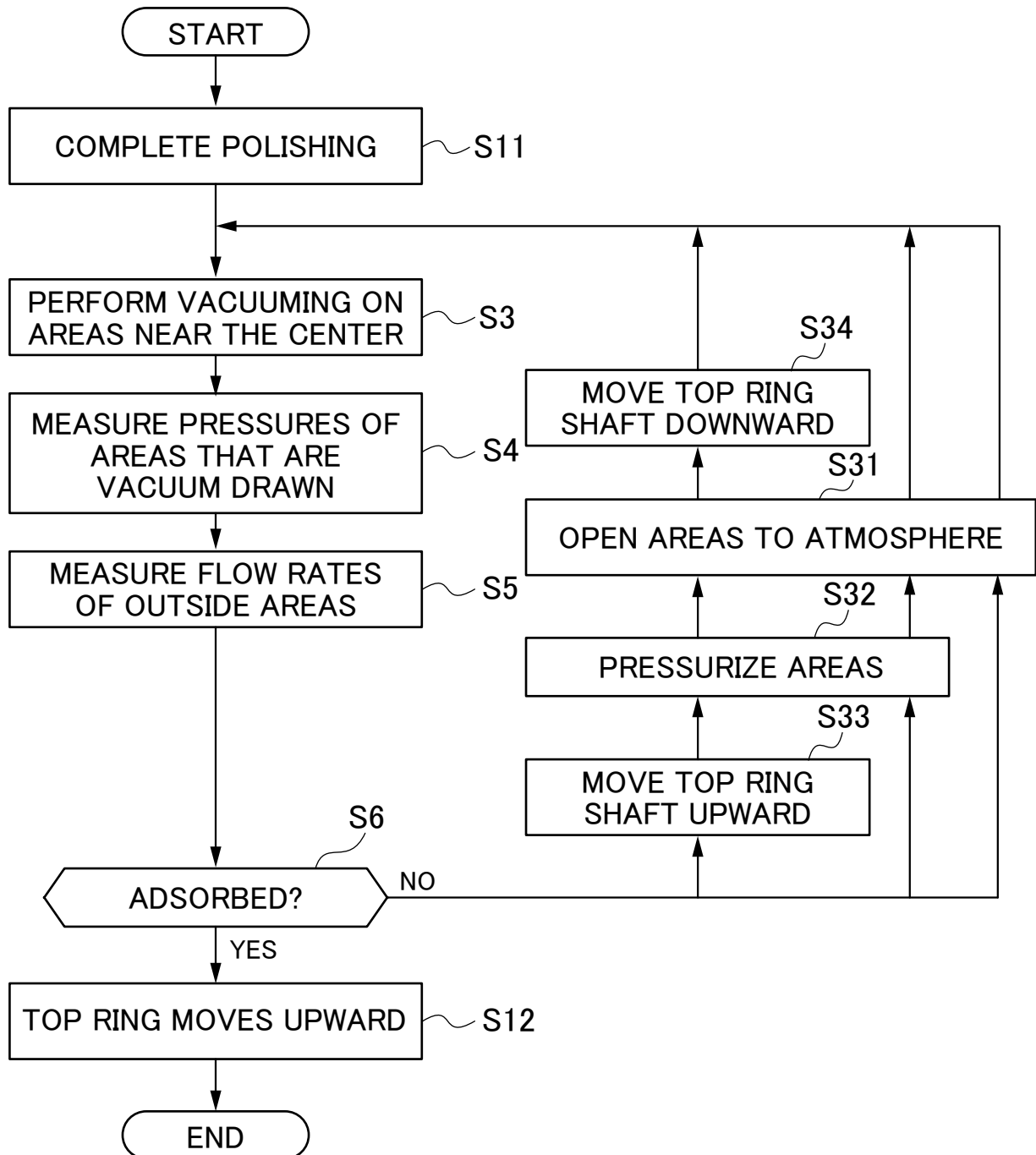


FIG.13

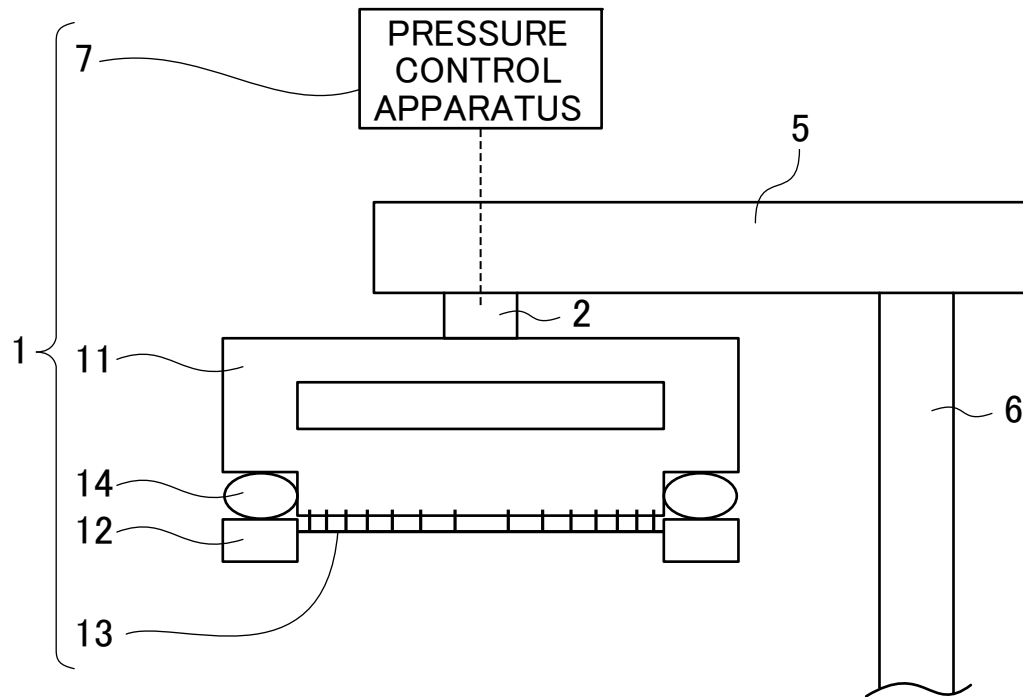
300

FIG.14A

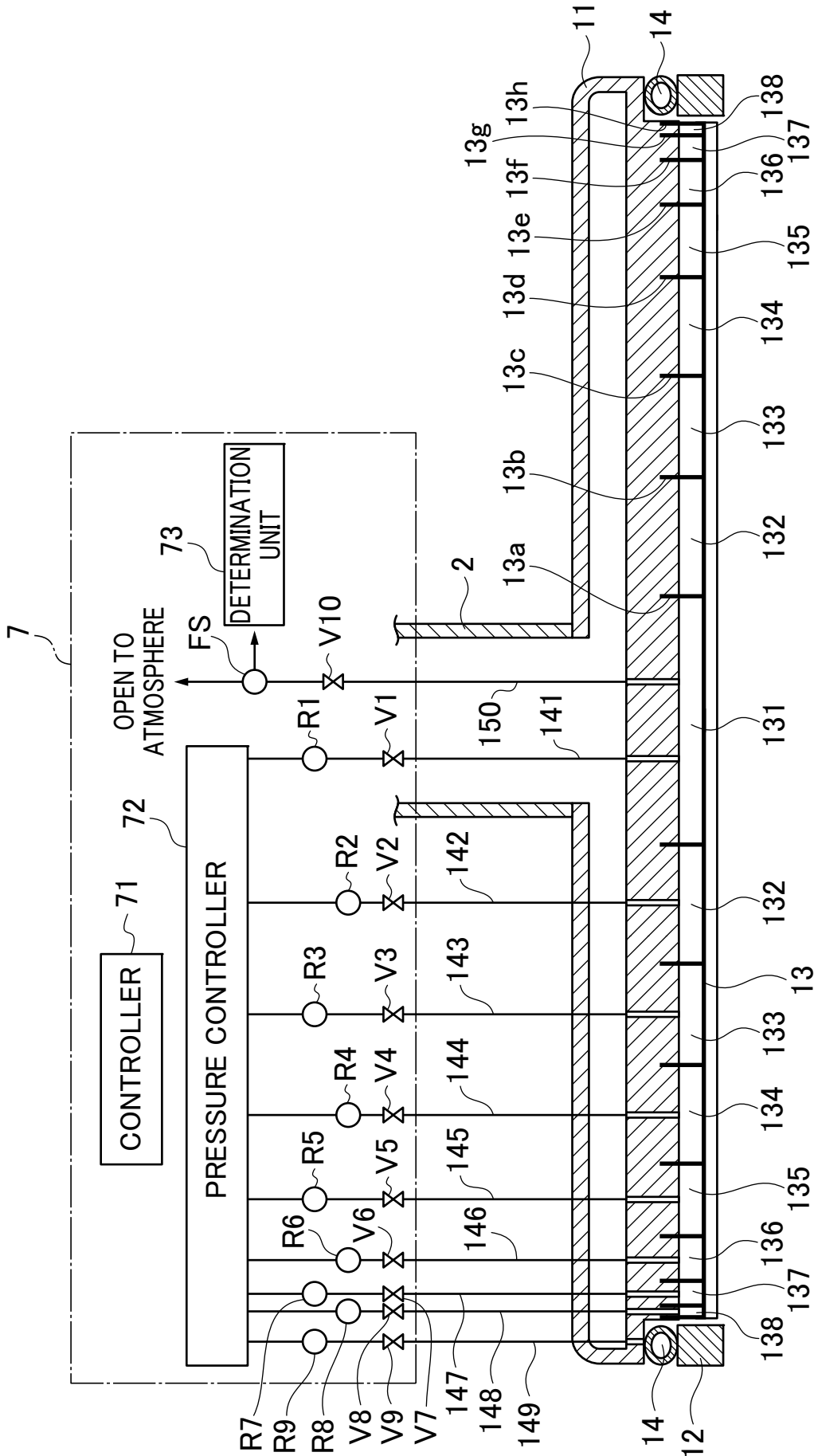


FIG.14B

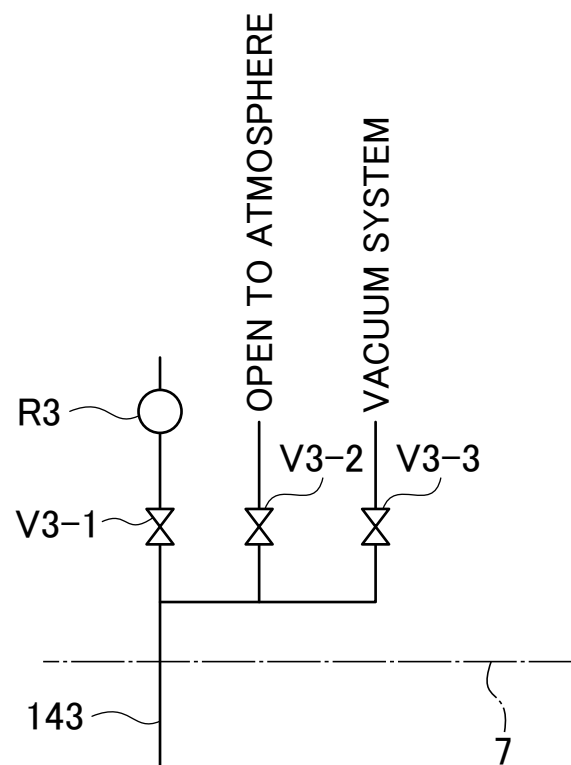


FIG.15

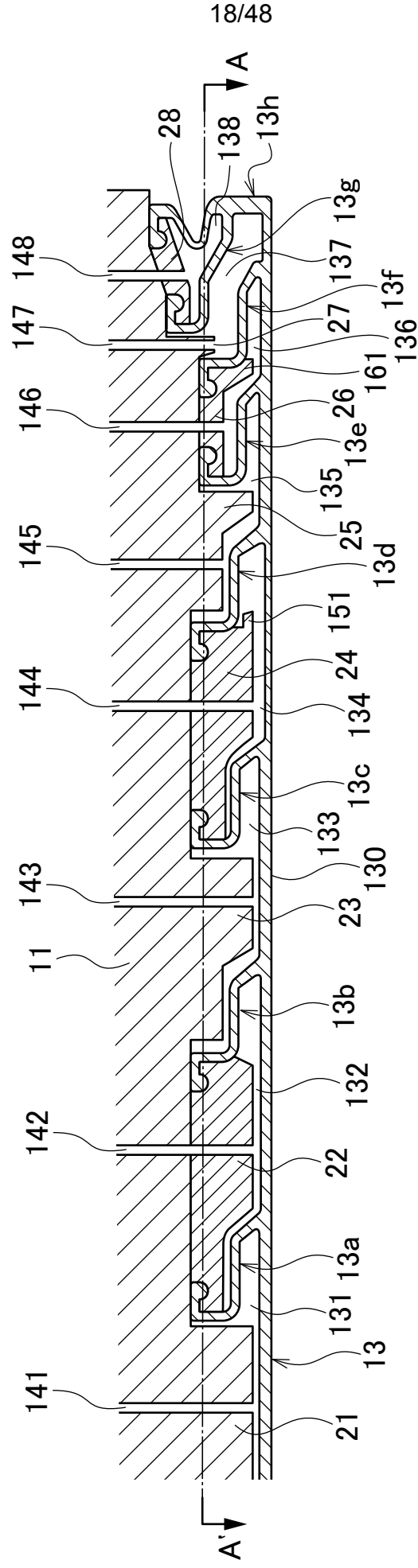


FIG.16

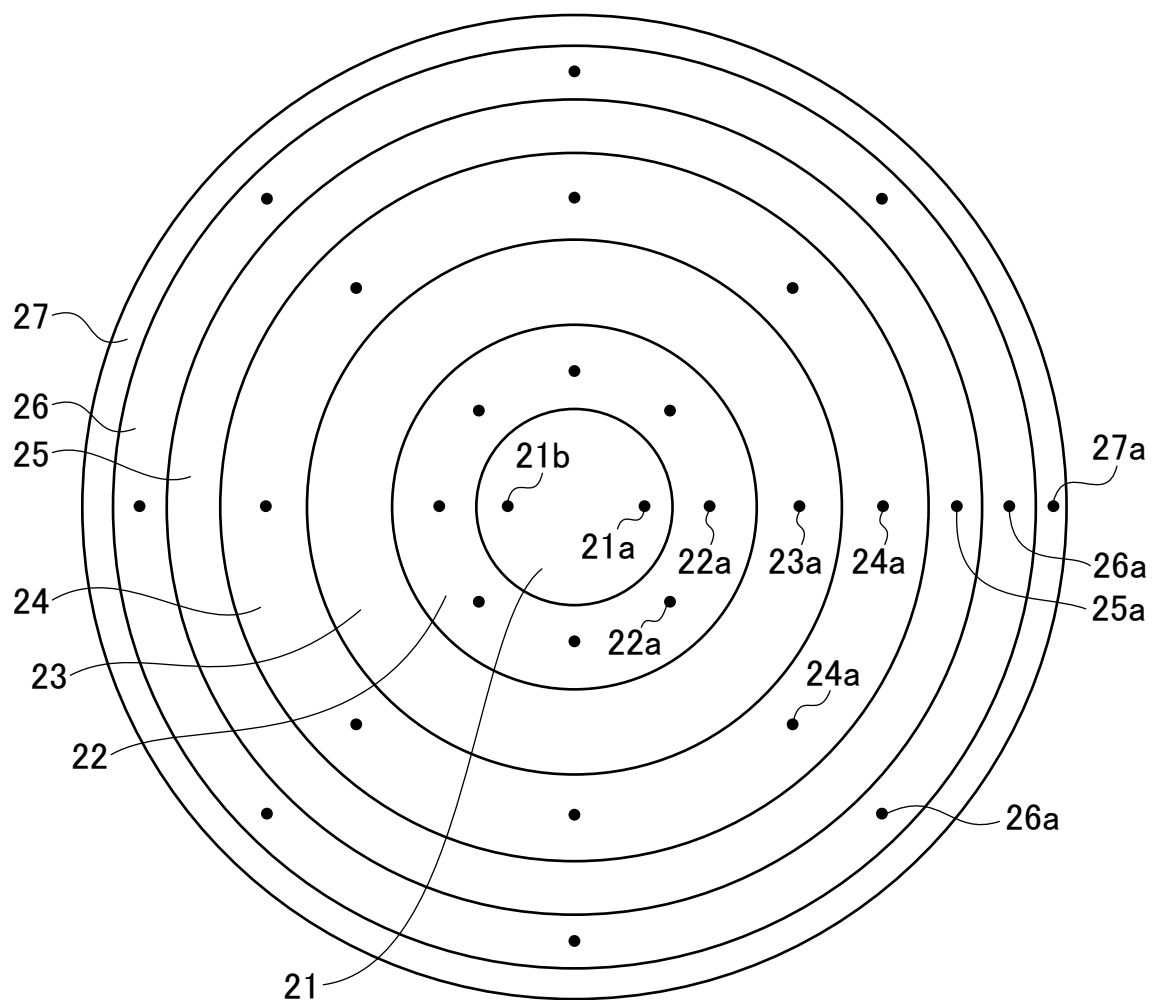


FIG.17

|                                                 | V1                                                        | V3                              | V10                             |
|-------------------------------------------------|-----------------------------------------------------------|---------------------------------|---------------------------------|
| WHEN OPENING<br>MEMBRANE TO<br>ATMOSPHERE       | OPEN<br>(OPEN TO<br>ATMOSPHERE)                           | OPEN<br>(OPEN TO<br>ATMOSPHERE) | OPEN<br>(OPEN TO<br>ATMOSPHERE) |
| WHEN POLISHING<br>SUBSTRATE<br>(PRESSURIZATION) | OPEN<br>(PRESSURIZATION)                                  | OPEN<br>(PRESSURIZATION)        | CLOSED                          |
| WHEN ADSORBING<br>SUBSTRATE                     | OPEN<br>(PRESSURIZATION<br>FOR DETERMINING<br>ADSORPTION) | OPEN<br>(DEPRESSURIZATION)      | OPEN<br>(OPEN TO<br>ATMOSPHERE) |

FIG.18

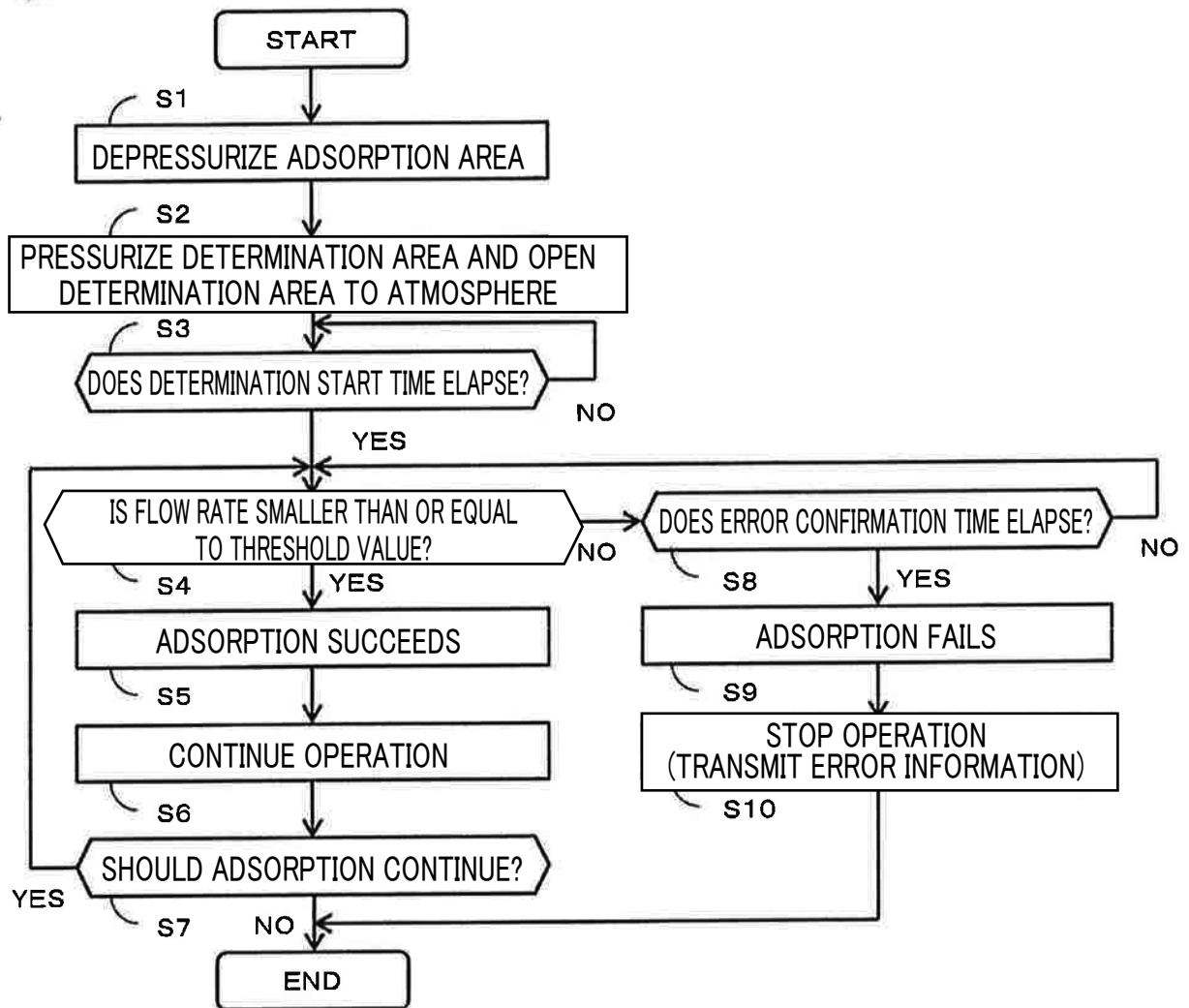


FIG.19

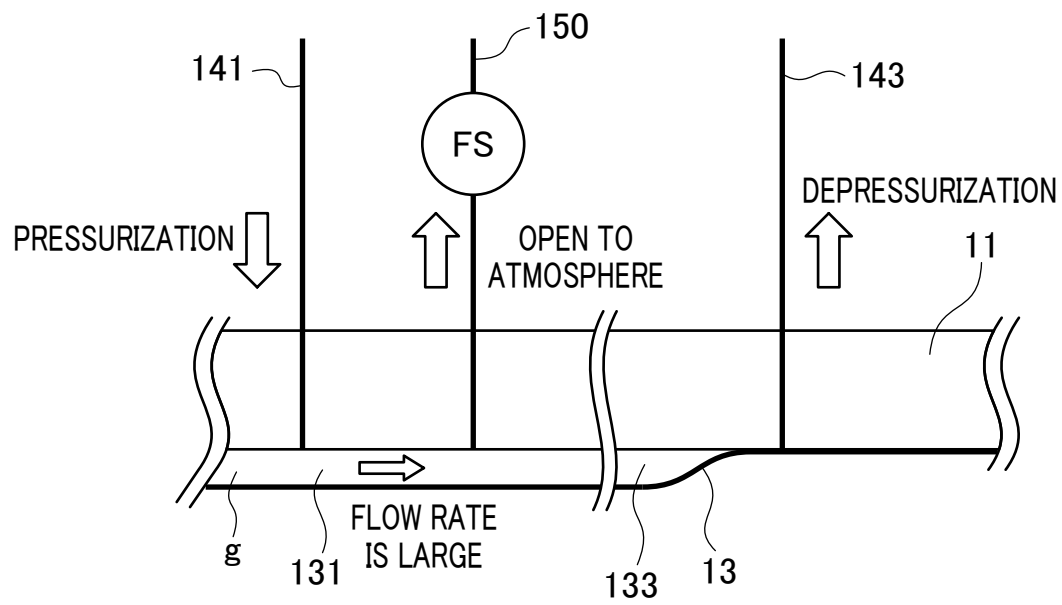


FIG.20

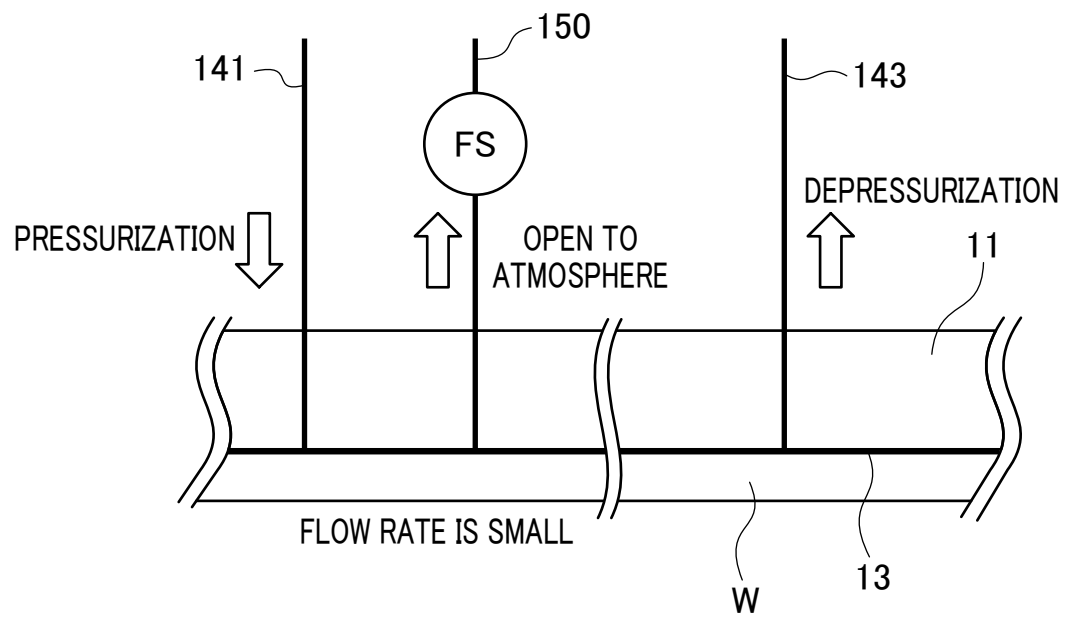


FIG.21

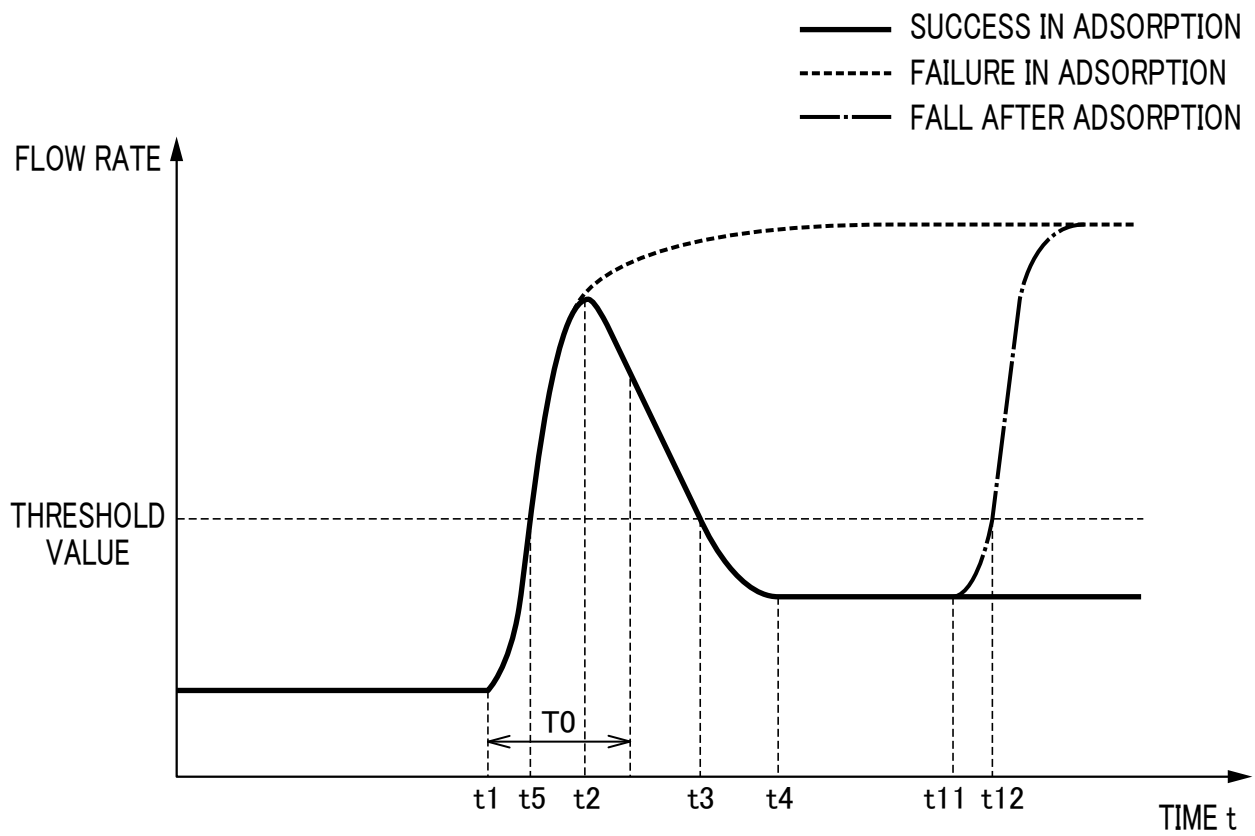


FIG.22

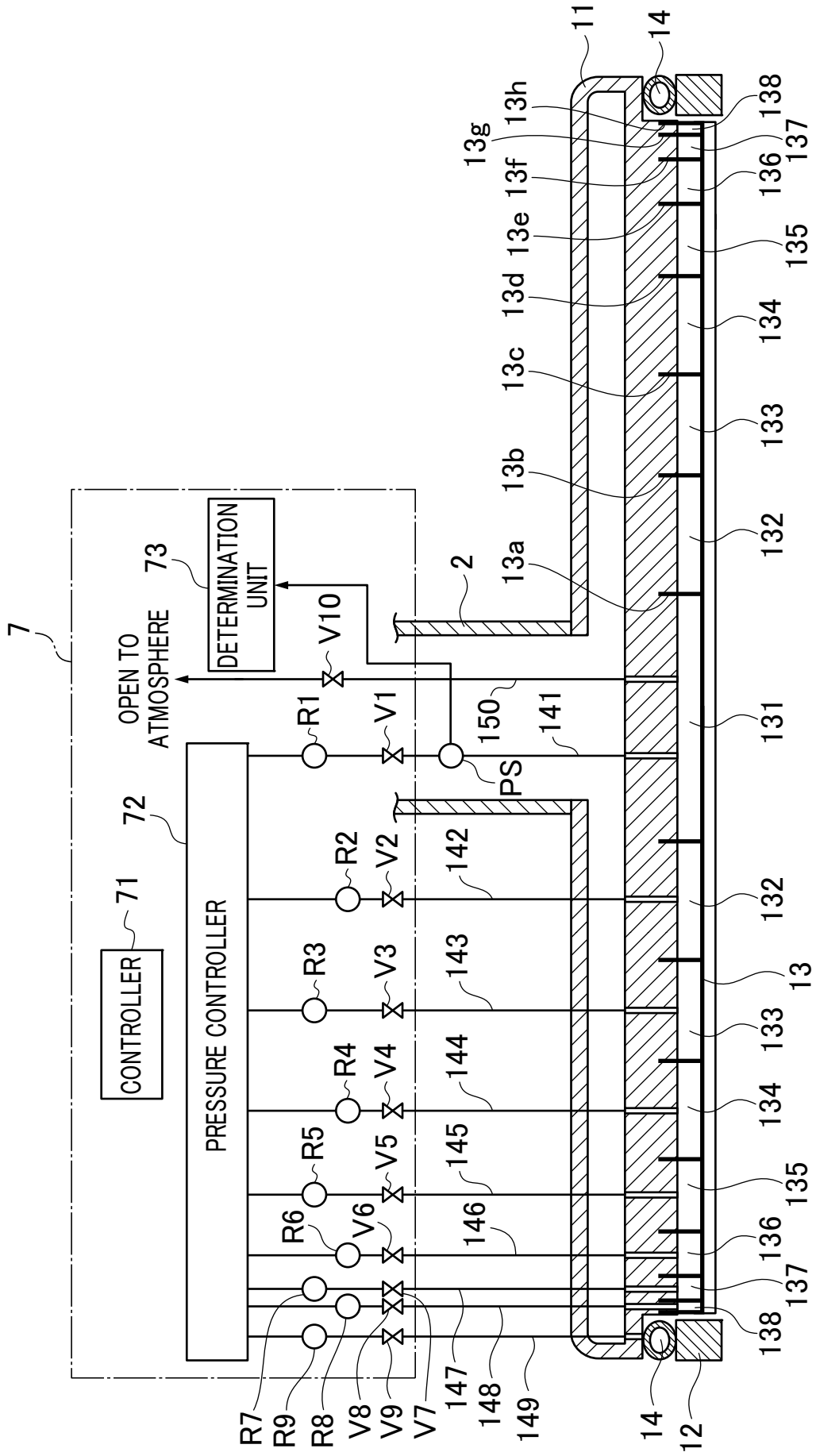


FIG.23

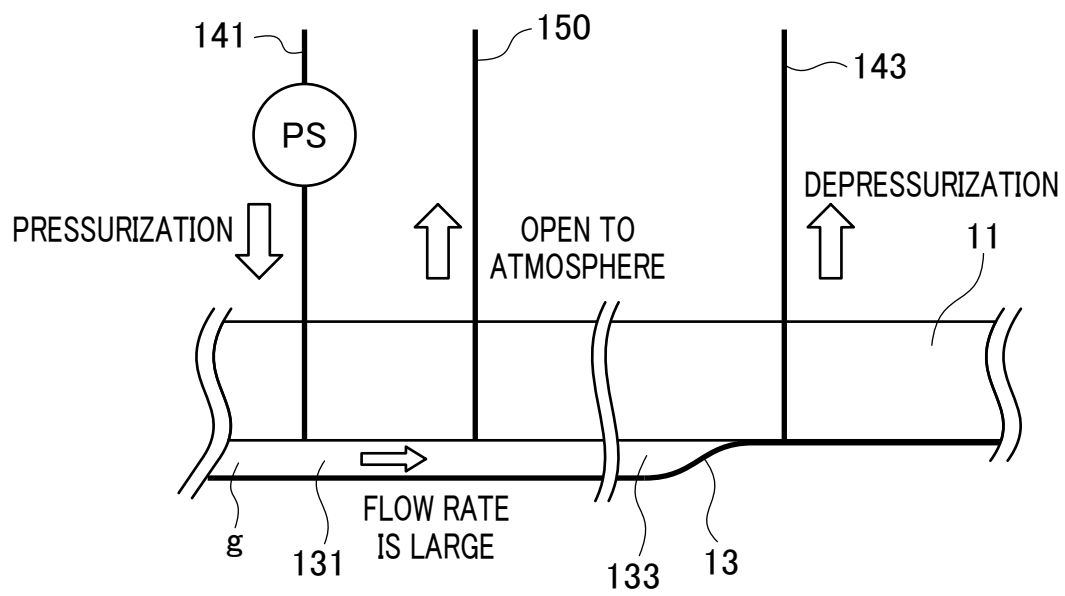


FIG.24

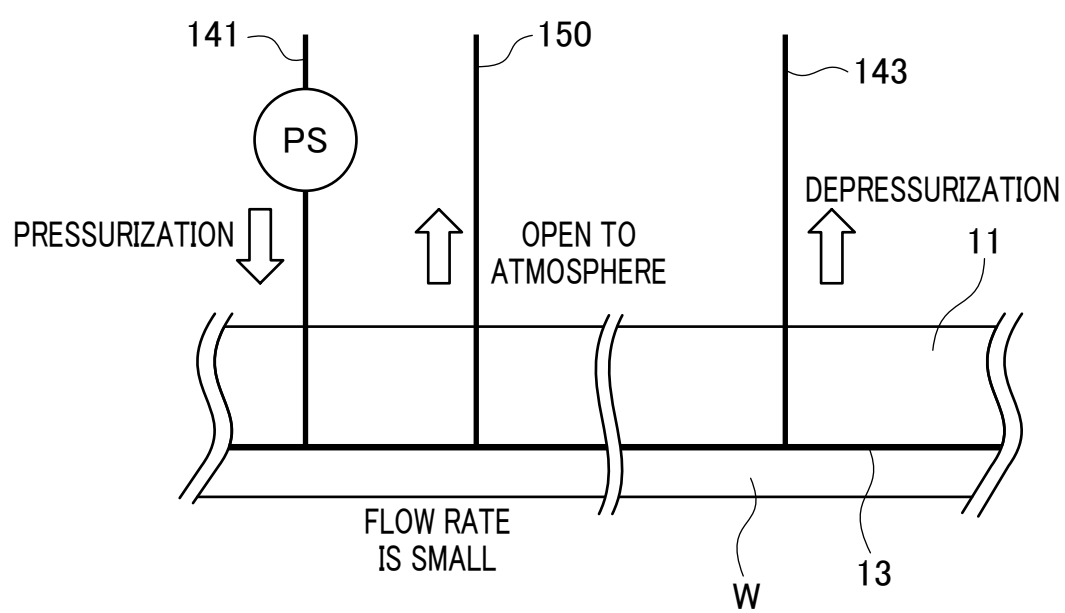


FIG.25

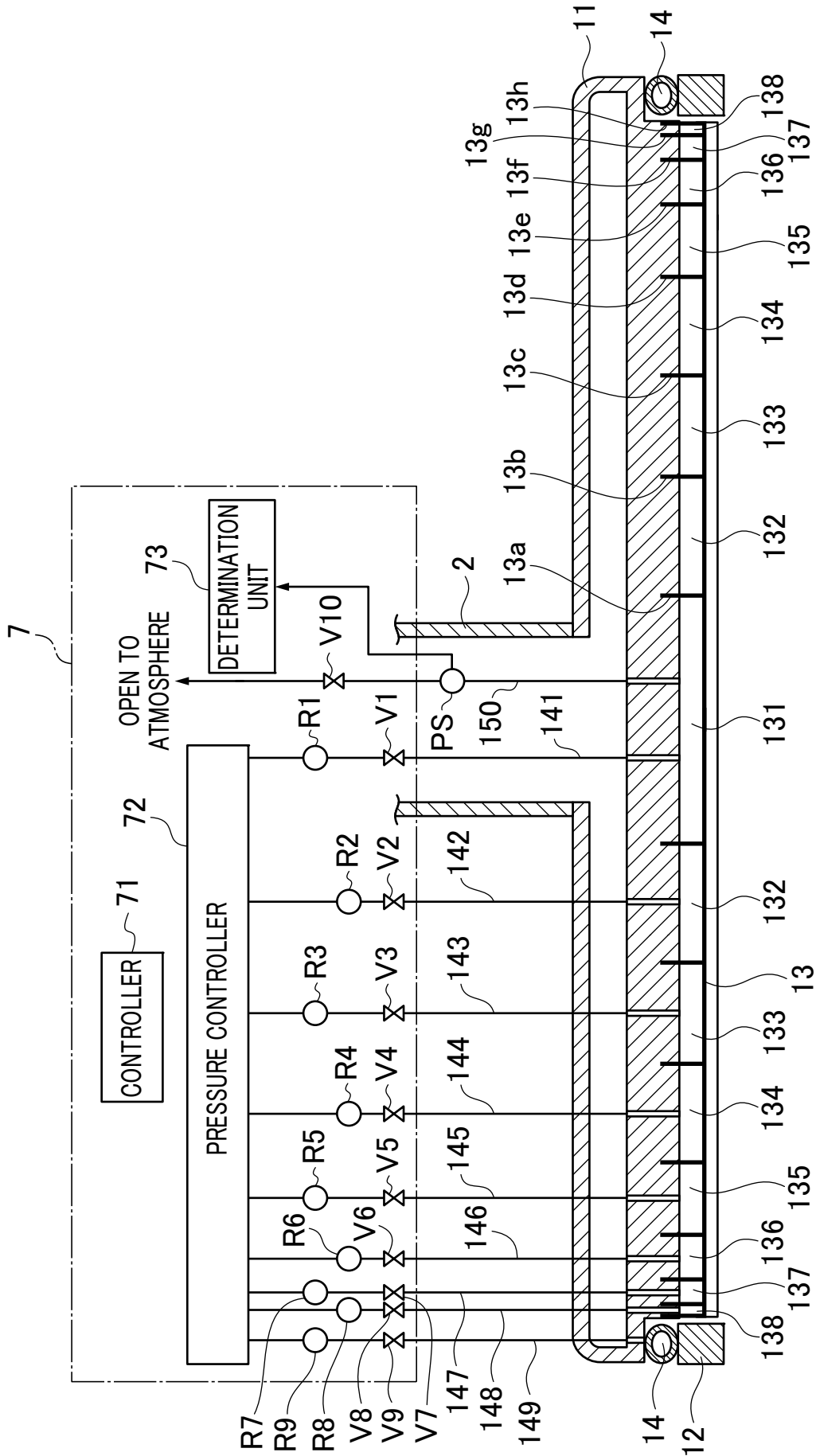


FIG.26

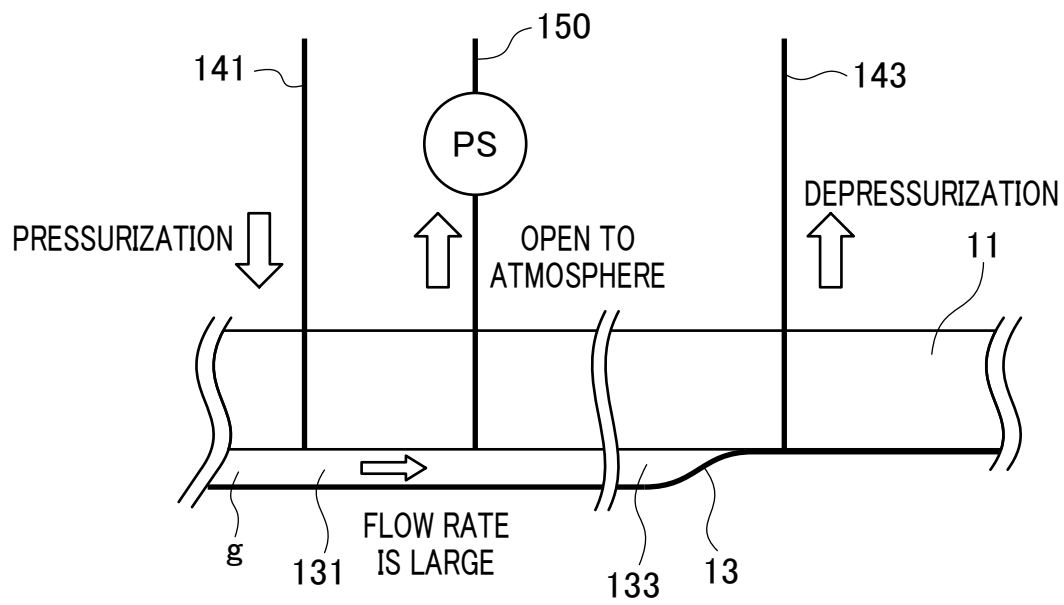


FIG.27

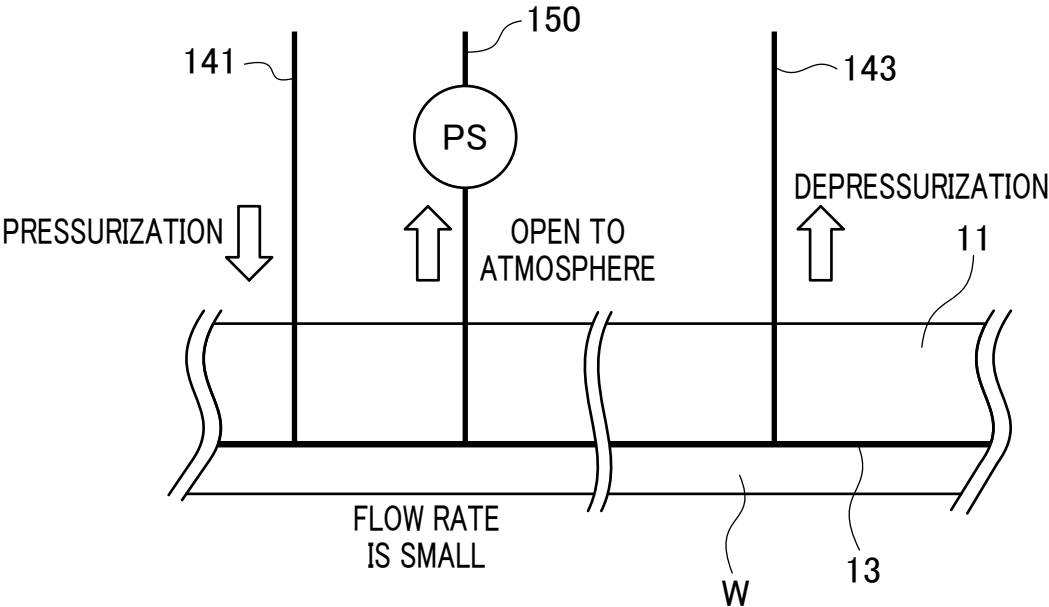


FIG.28A

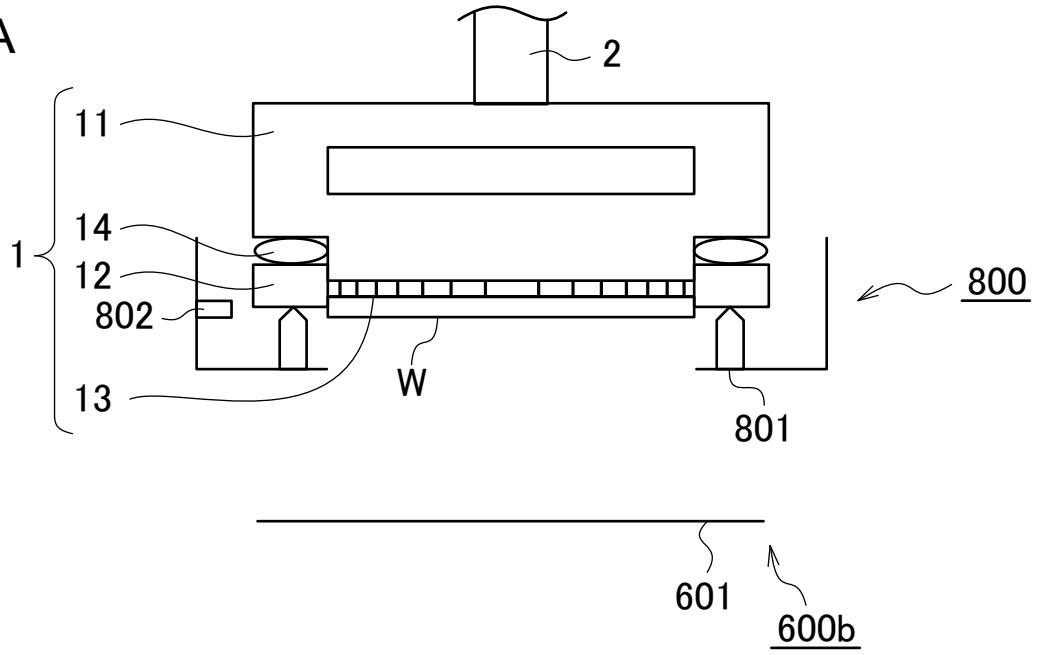


FIG.28B

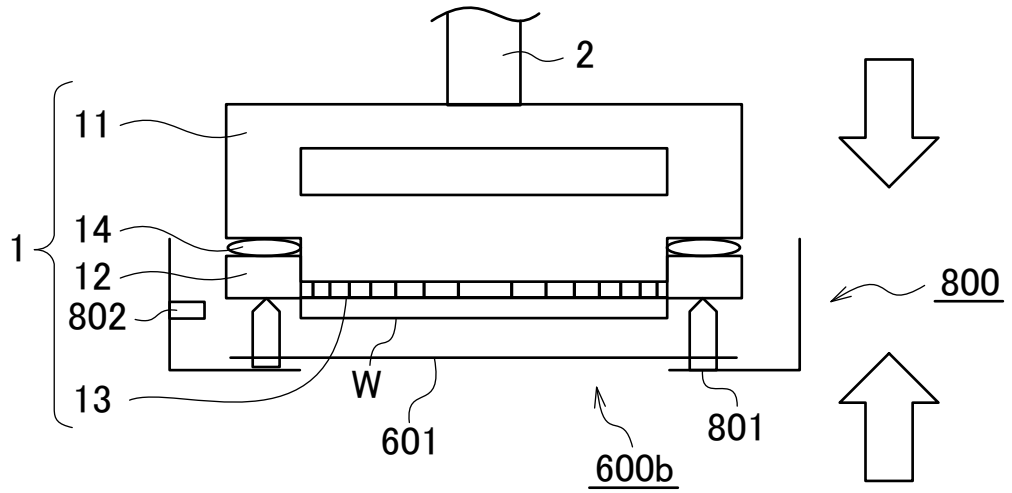


FIG.28C

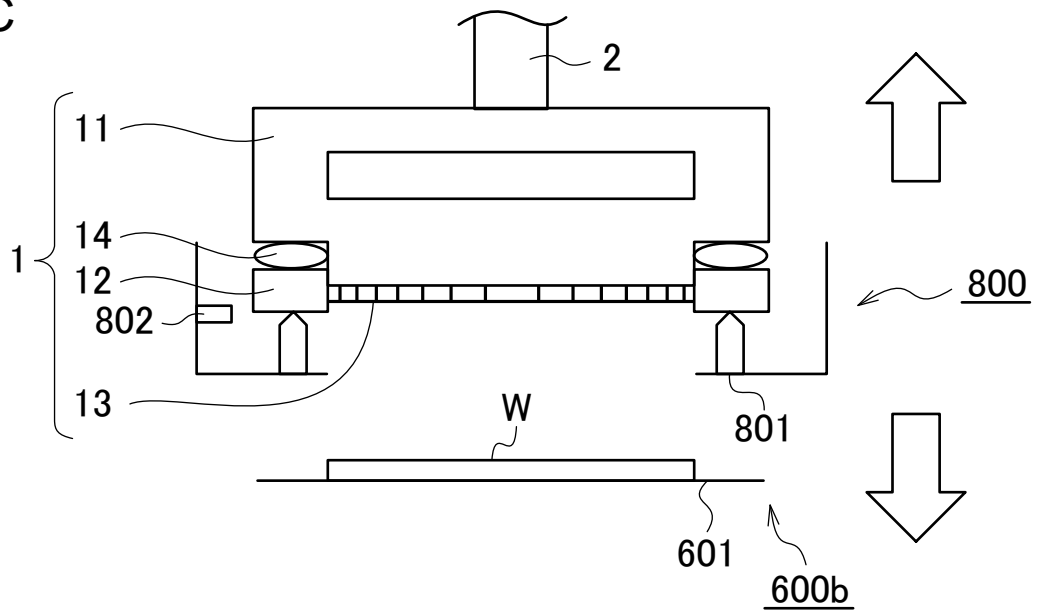


FIG.29

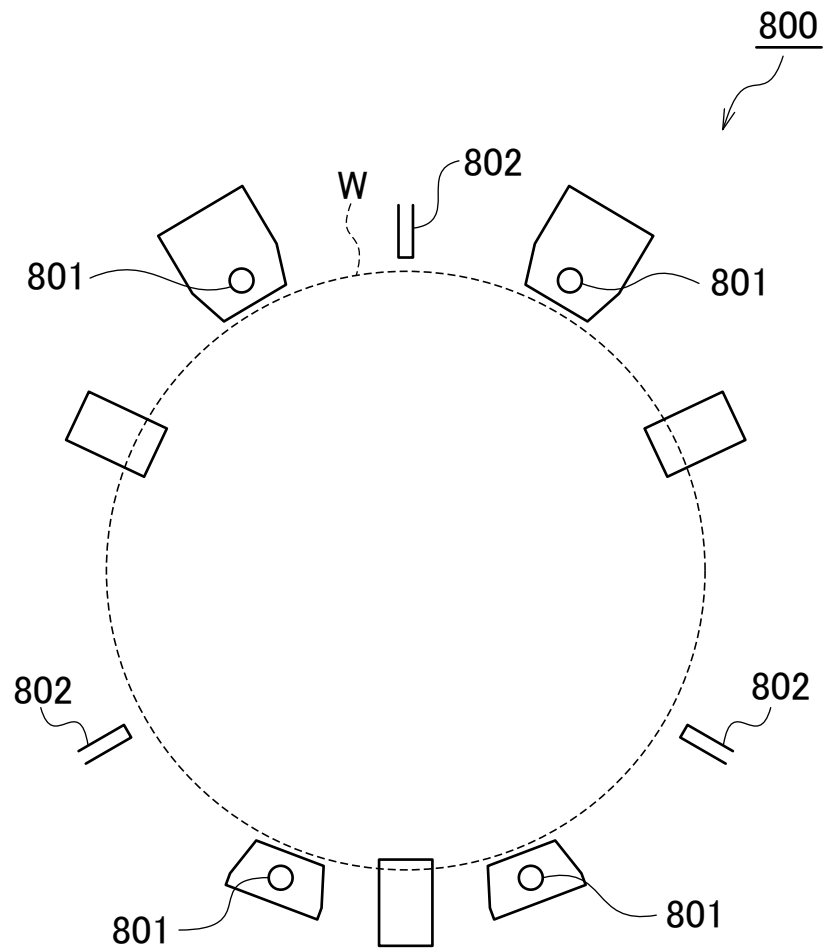


FIG.30

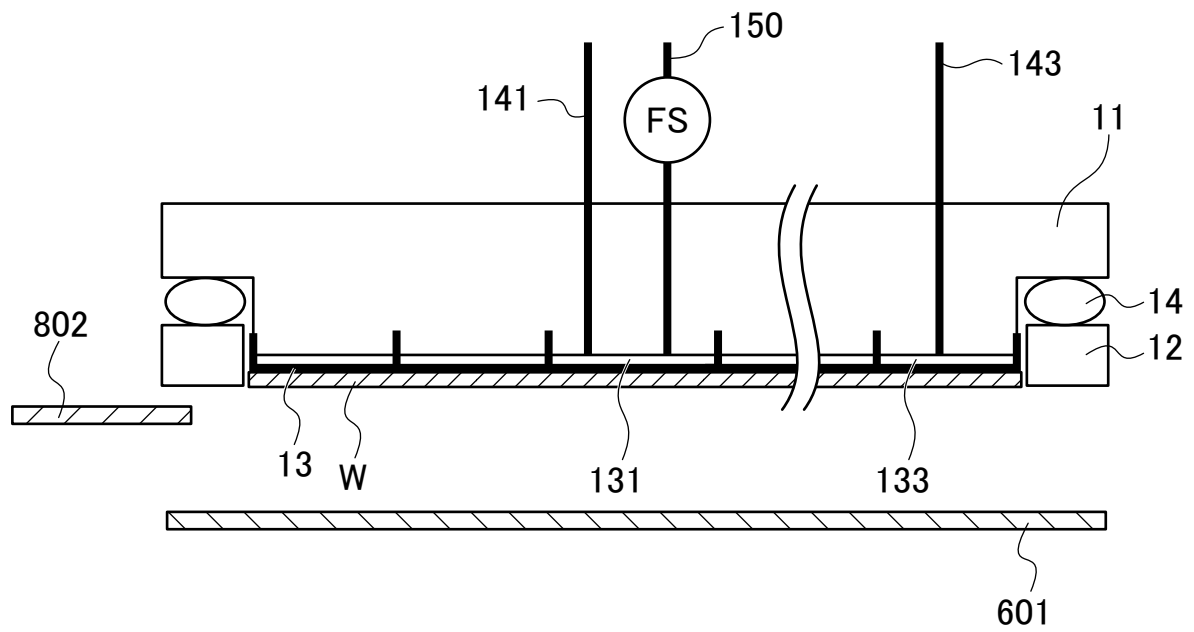


FIG.31

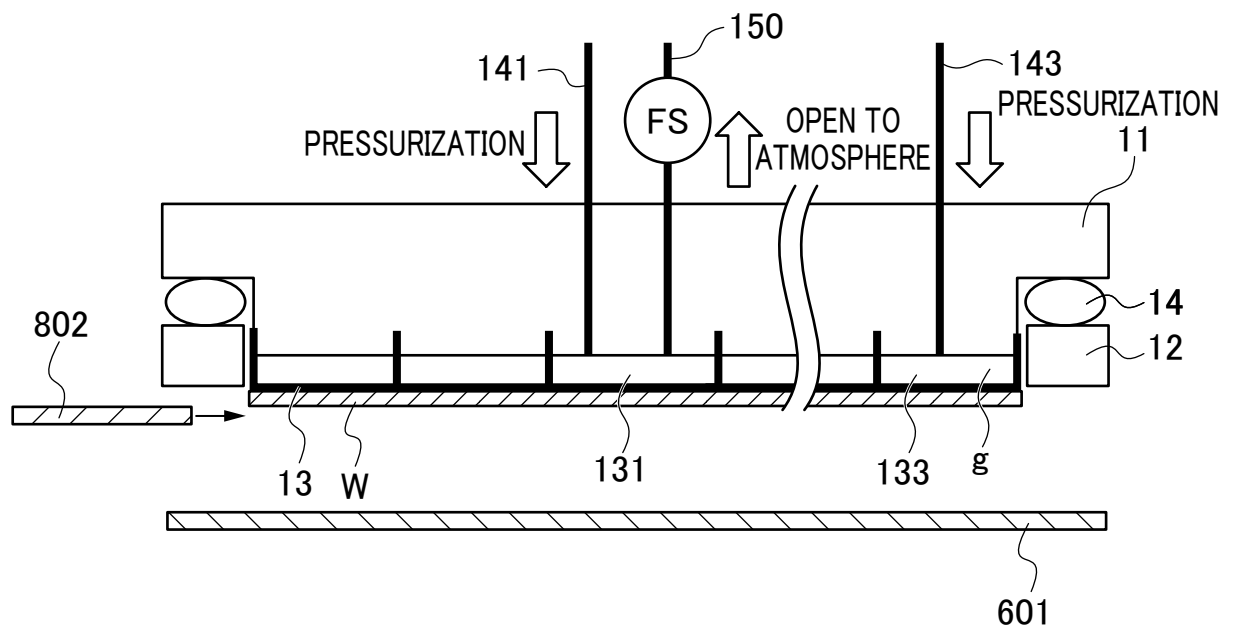


FIG.32

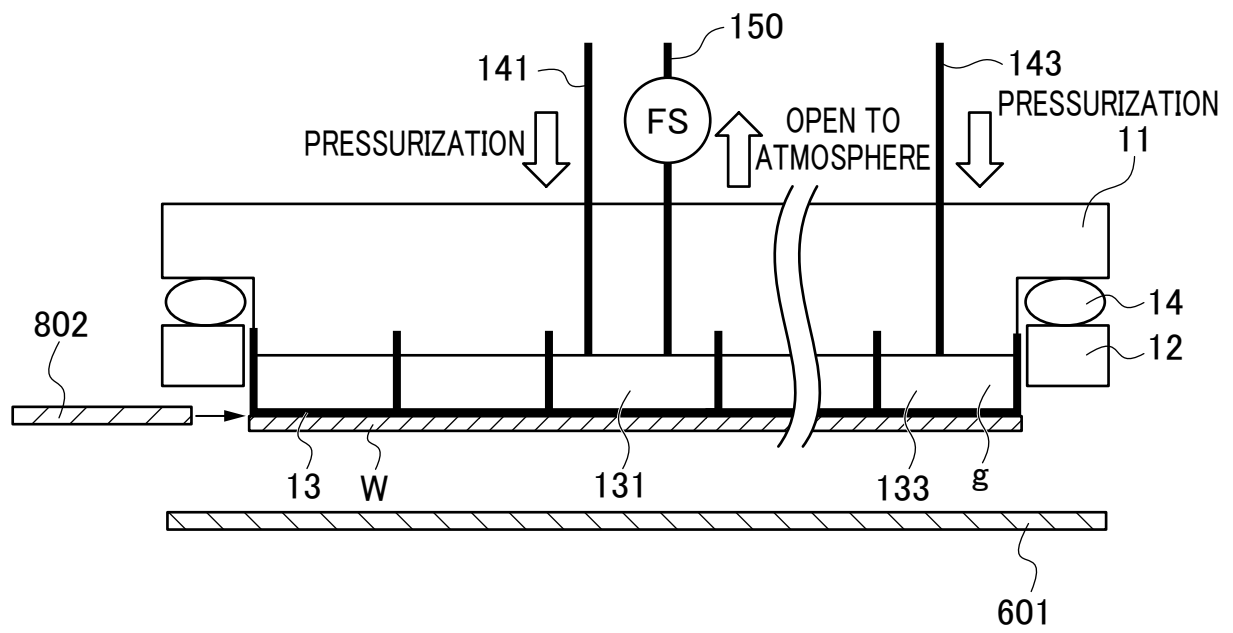


FIG.33

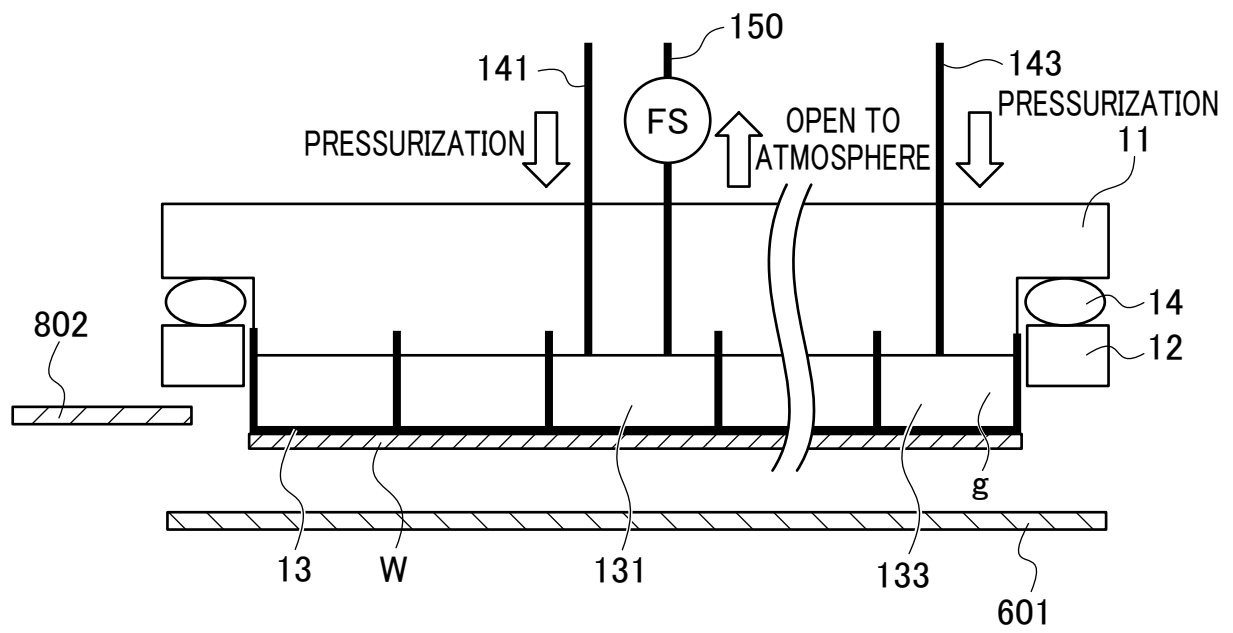


FIG.34

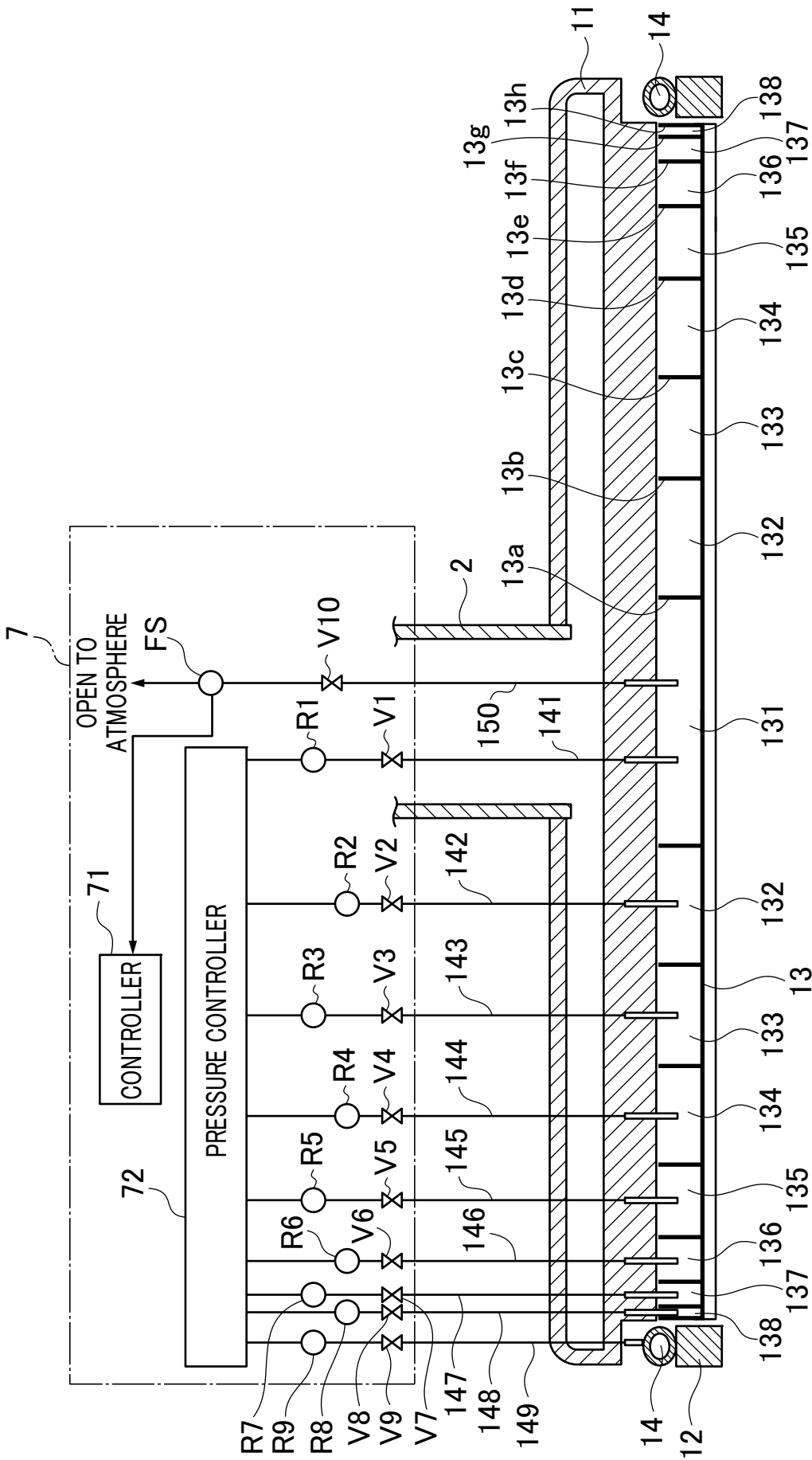


FIG.35

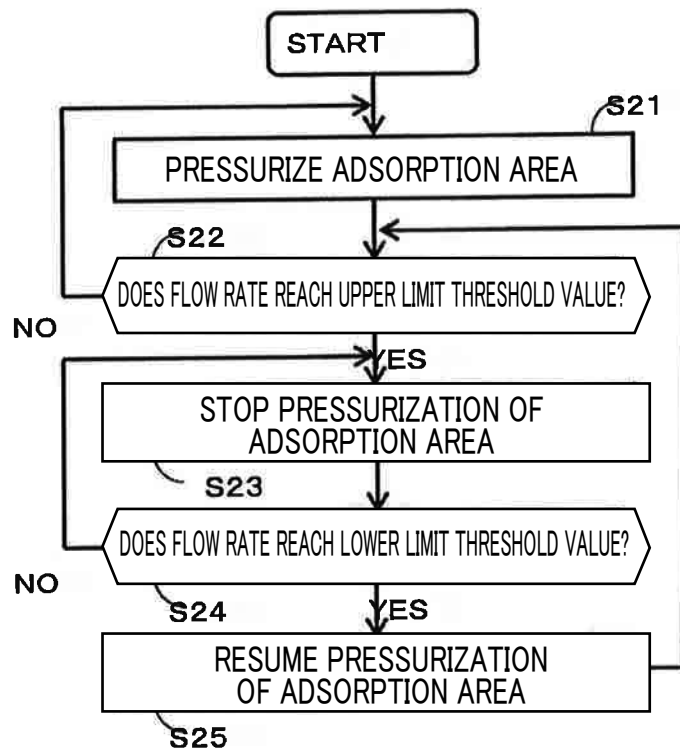


FIG.36

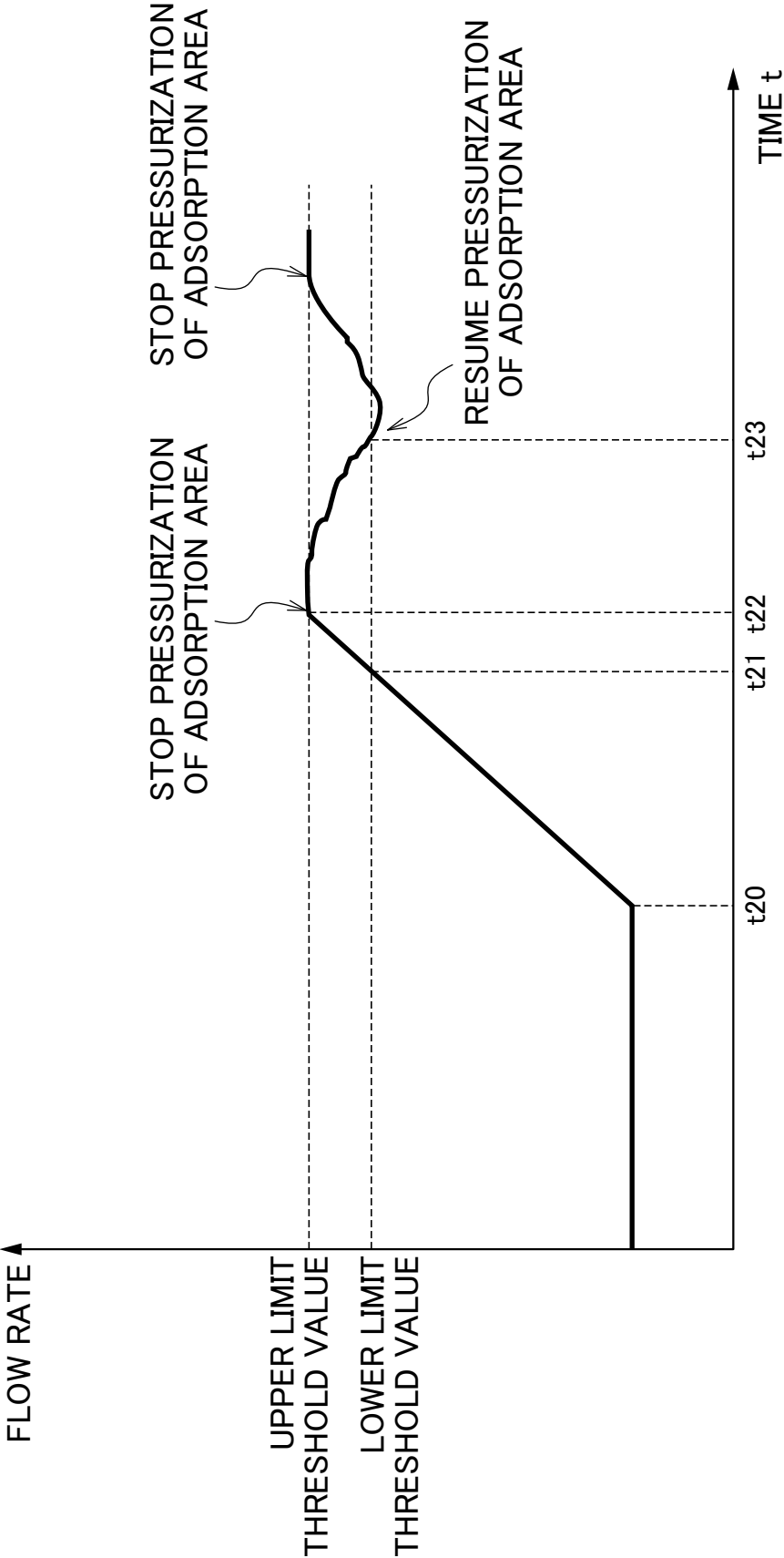


FIG.37

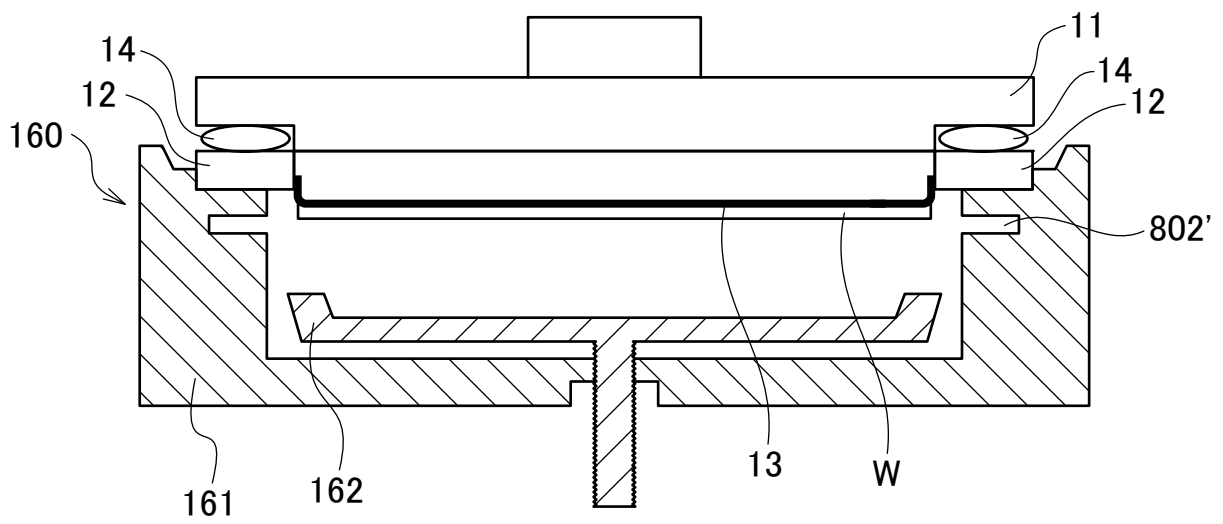


FIG.38

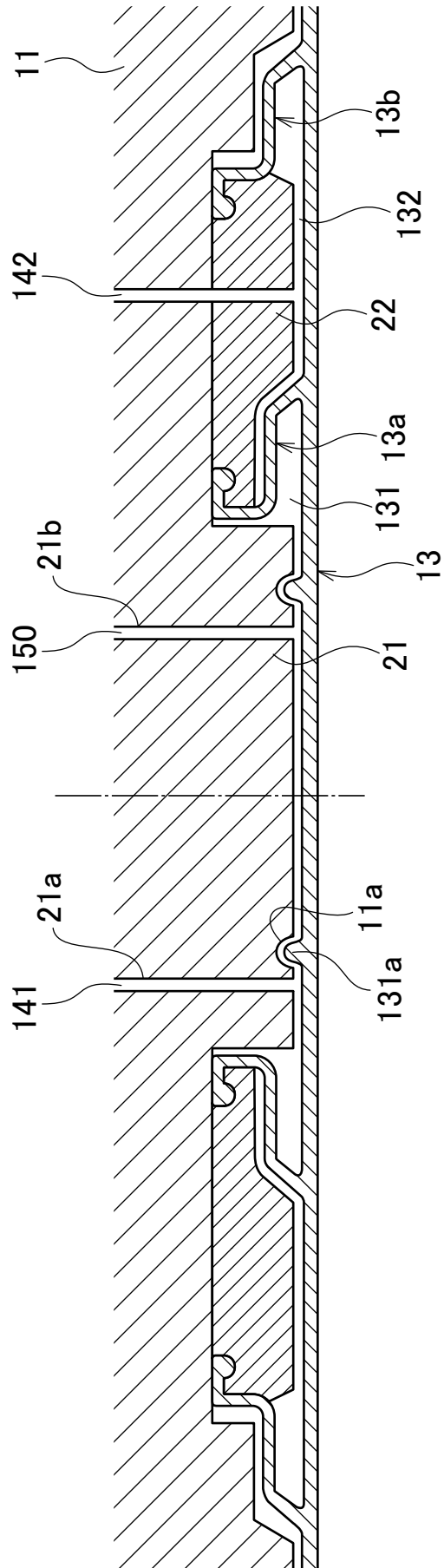


FIG.39

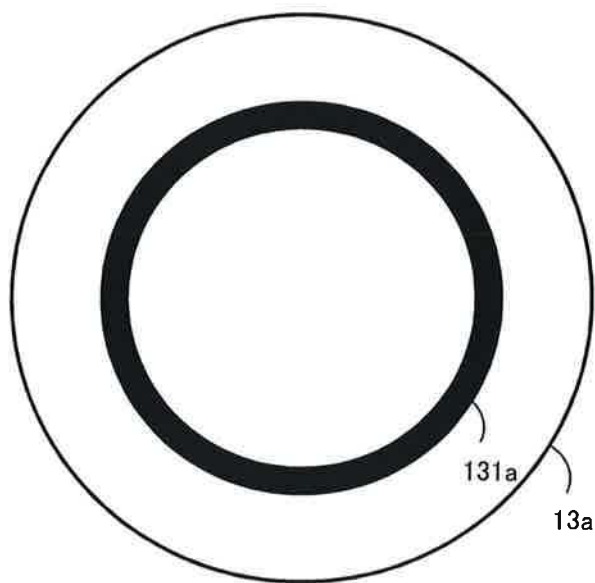


FIG.40

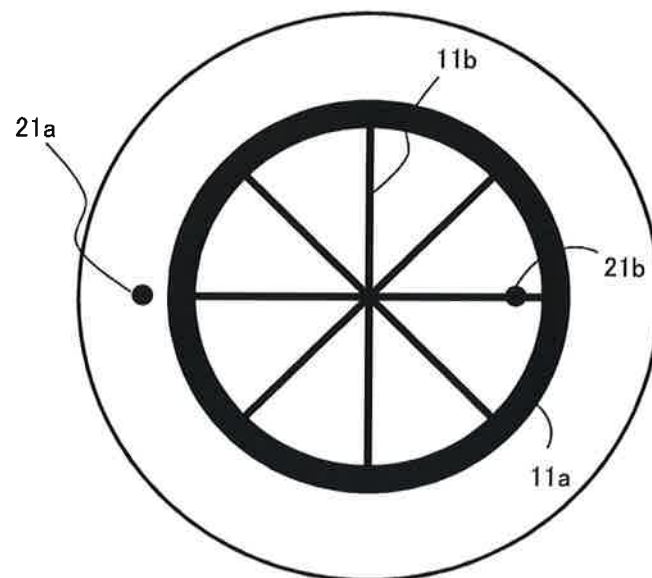


FIG.41

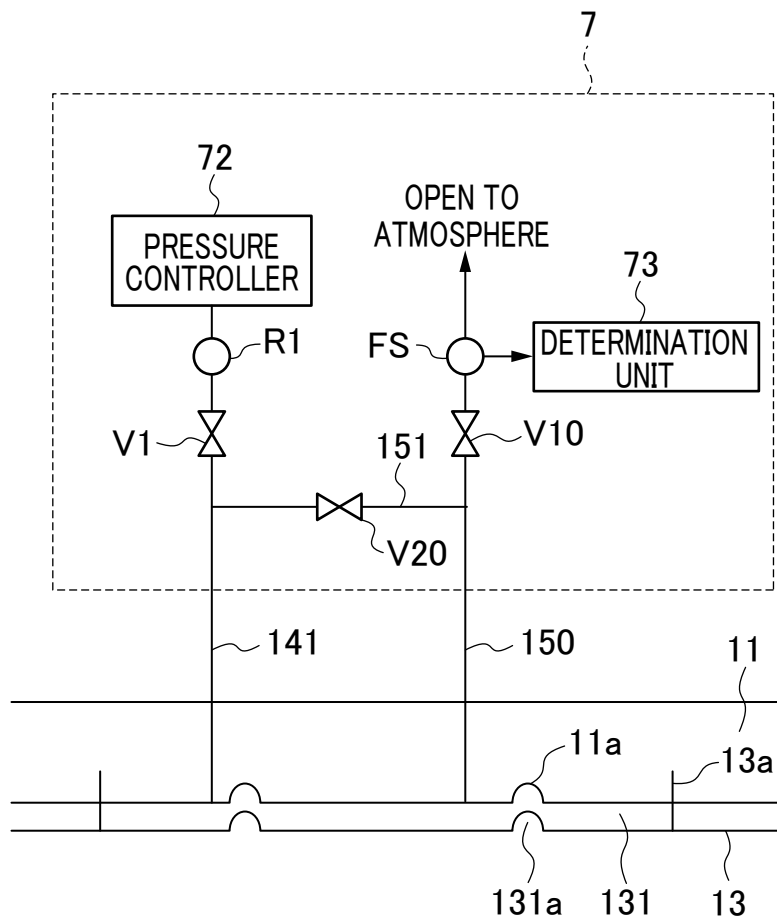


FIG.42

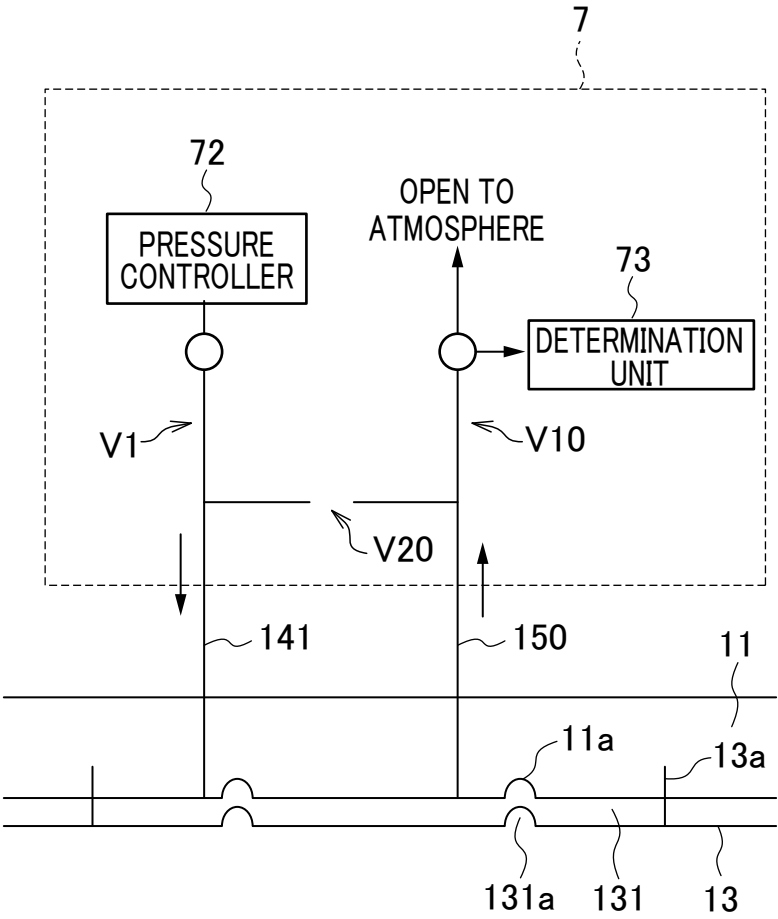


FIG.43

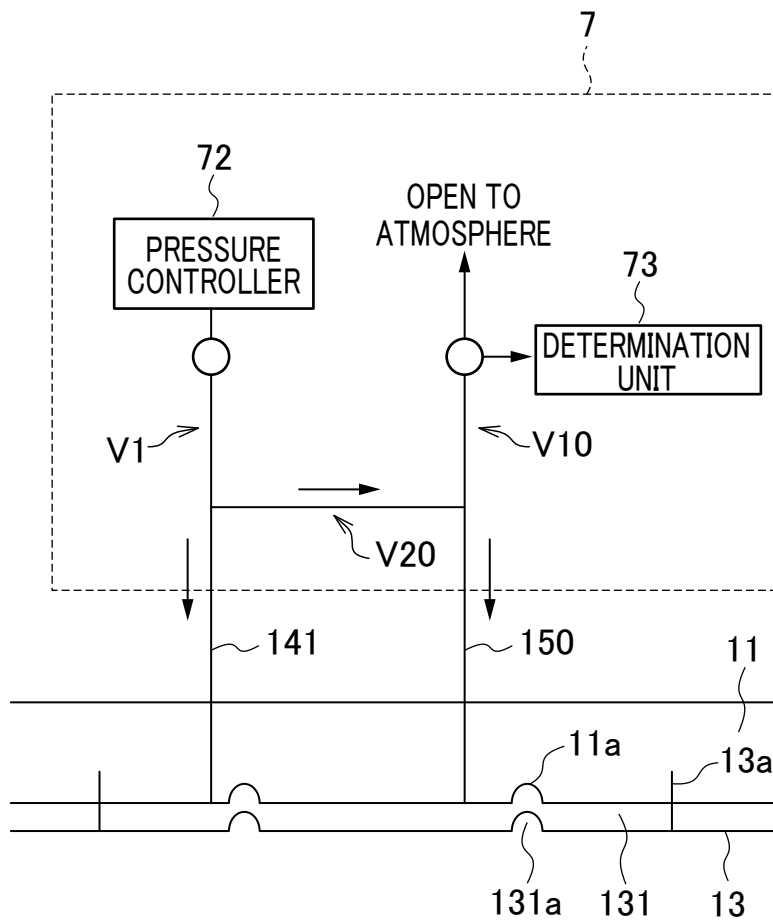


FIG.44

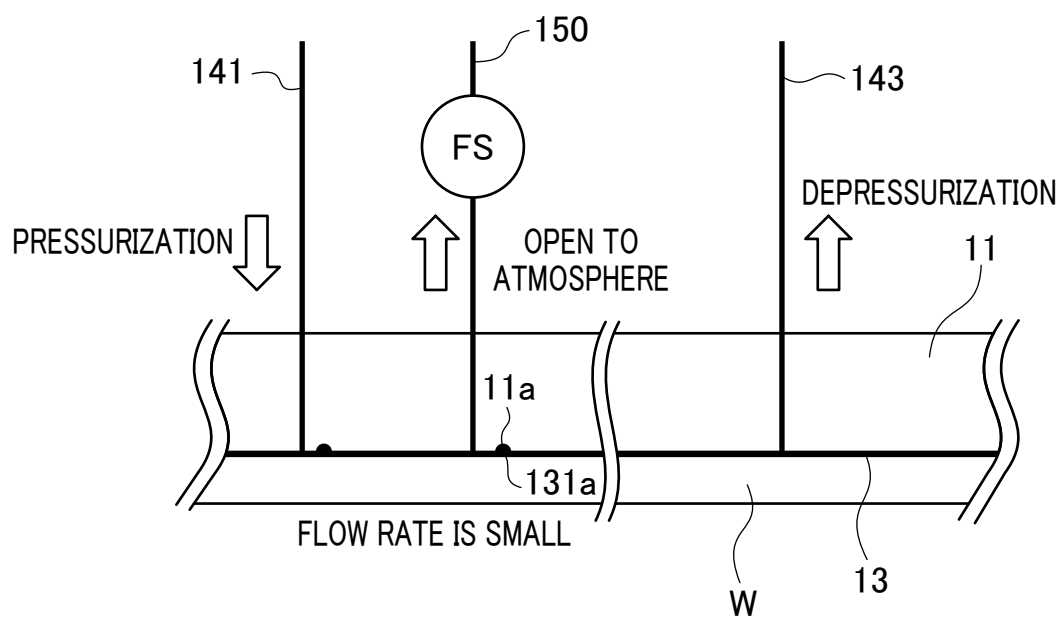


FIG.45

