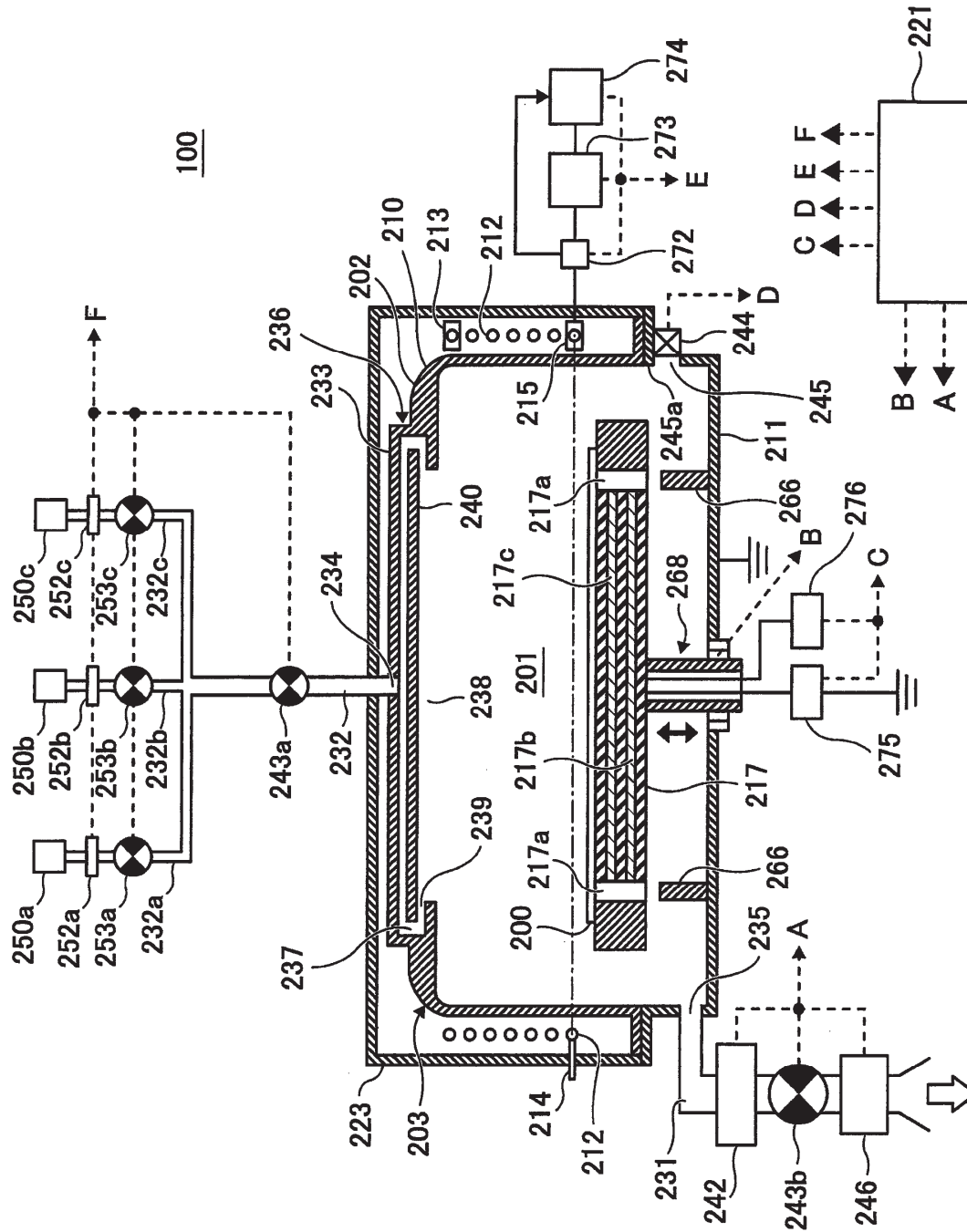
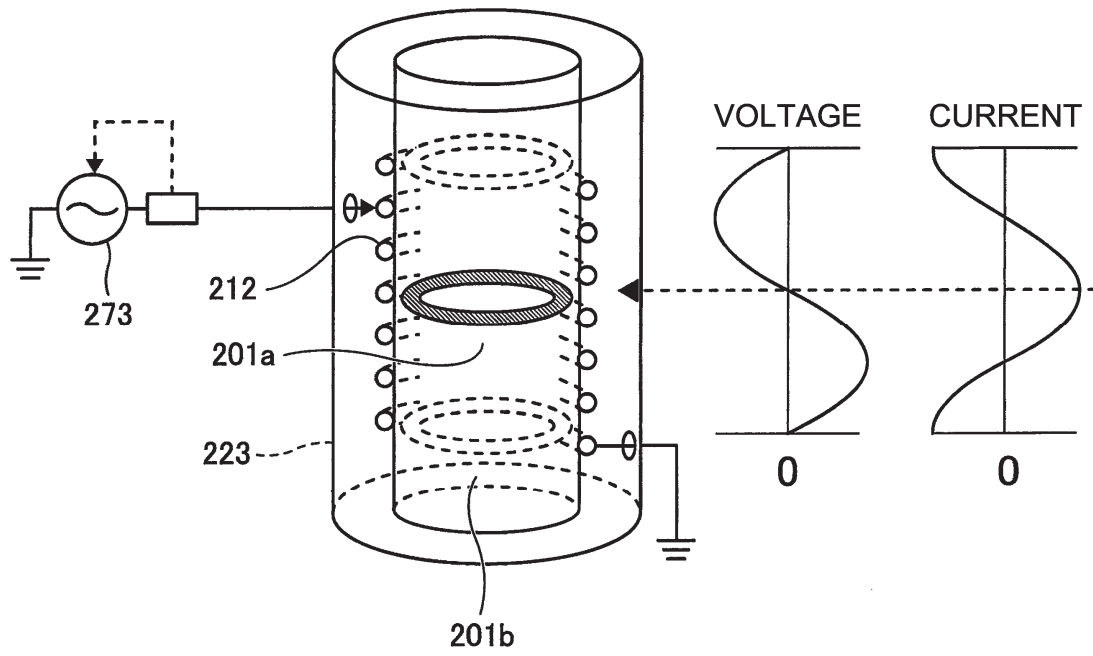
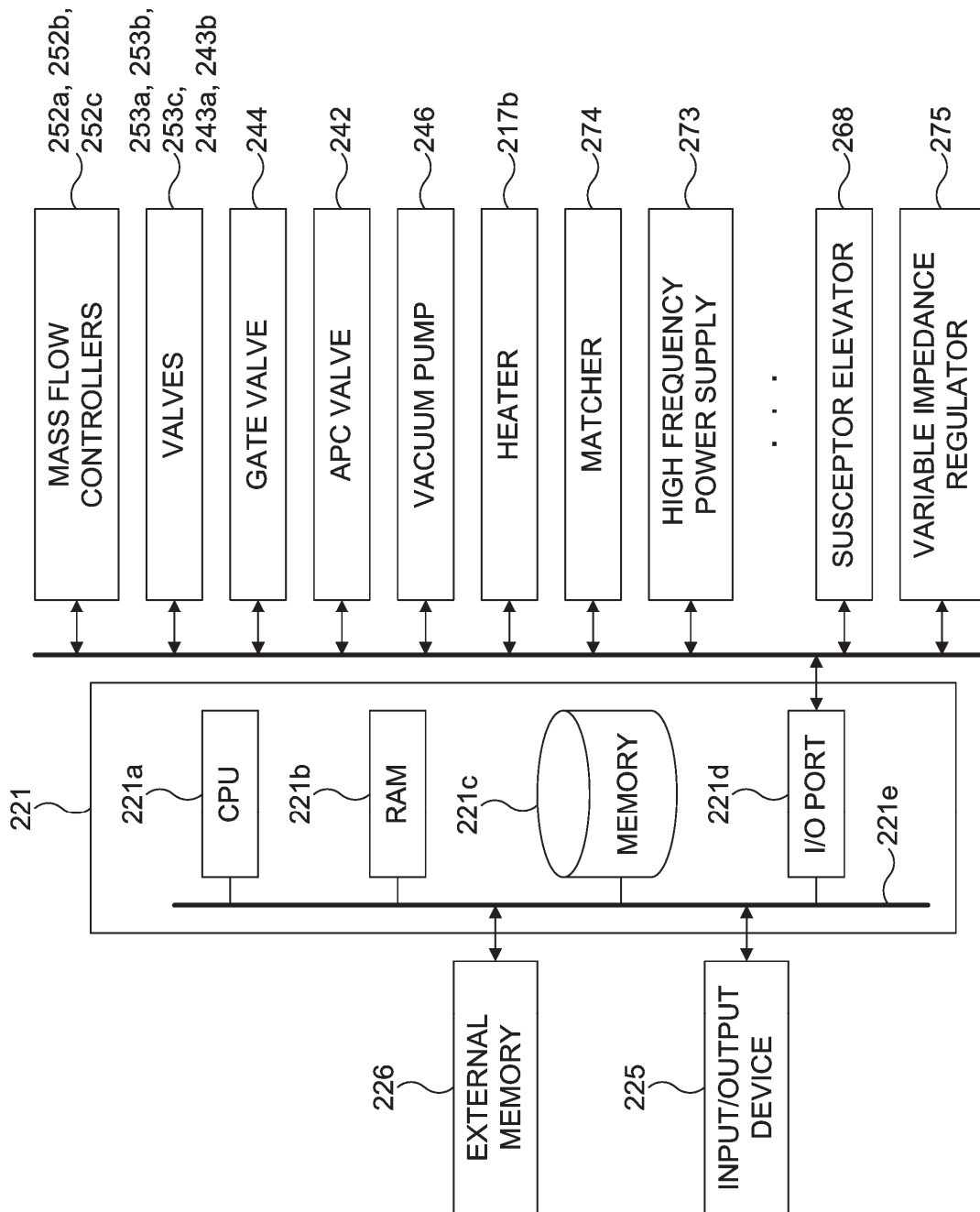




[Figure 2]



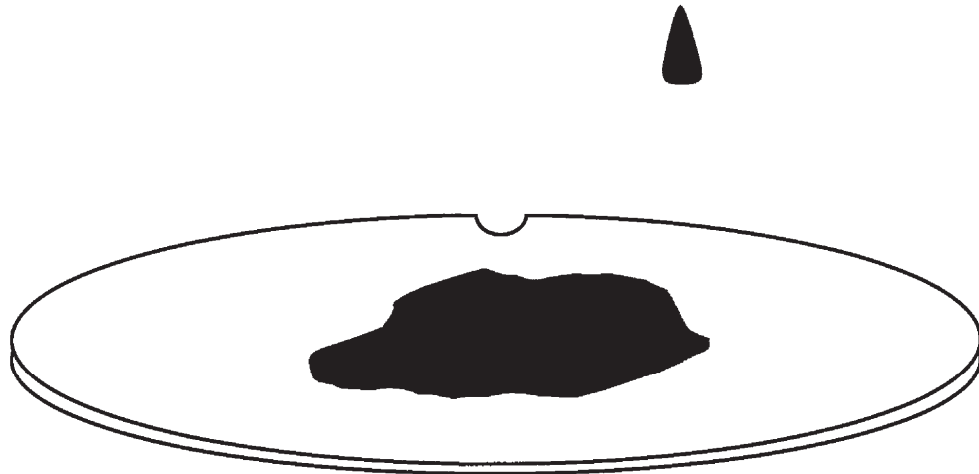
[Figure 3]



[Figure 4]

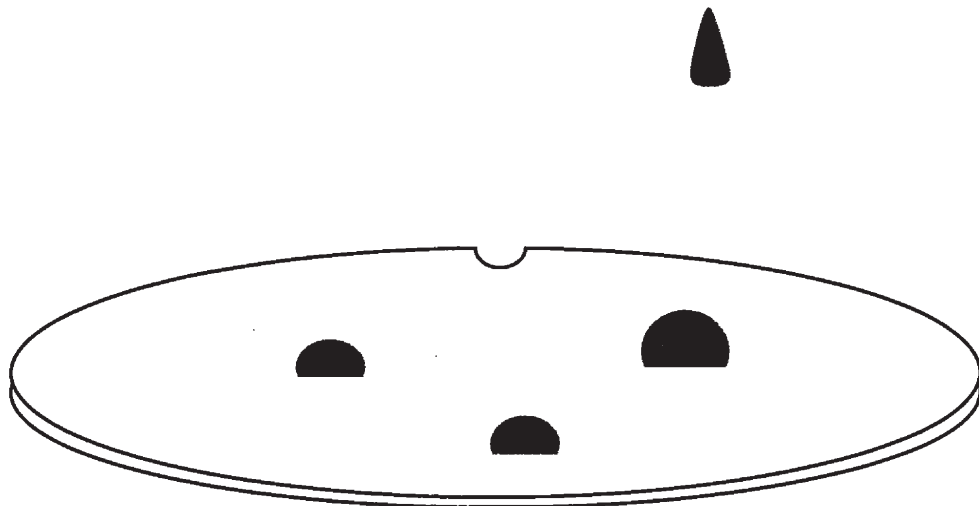
| SAMPLE | RF<br>POWER<br>[W] | PARTIAL<br>PRESSURE OF<br>B <sub>2</sub> H <sub>6</sub> GAS [Pa] | TIME<br>[Sec.] | FLOW RATE<br>OF 2% B <sub>2</sub> H <sub>6</sub><br>GAS [sccm] | FLOW RATE<br>OF H <sub>2</sub> GAS<br>[sccm] | WATER<br>REPELLENCY | DOSE<br>AMOUNT<br>[Atoms /cm <sup>3</sup> ] | STEP<br>COVERAGE<br>[%] |    |
|--------|--------------------|------------------------------------------------------------------|----------------|----------------------------------------------------------------|----------------------------------------------|---------------------|---------------------------------------------|-------------------------|----|
| #1     | 3500               | 0.002                                                            | 30             | 2                                                              | 1998                                         | YES                 | 1.7E14                                      | 26                      |    |
| #2     | 2000               |                                                                  |                |                                                                |                                              | YES                 | 5.4E13                                      | 73                      |    |
| #3     | 500                |                                                                  | 60             |                                                                |                                              | YES                 | 3.7E13                                      | 81                      |    |
| #4     | 3500               | 0.01                                                             | 30             | 10                                                             | 1990                                         | YES                 | 1.2E15                                      | 53                      |    |
| #5     |                    |                                                                  |                |                                                                |                                              | 0.05                | YES                                         | 5.7E13                  | 49 |
| #6     |                    |                                                                  |                |                                                                |                                              |                     | NO                                          | 6.1E14                  | 87 |
| #7     |                    | 0.1                                                              |                | 100                                                            | 1900                                         | NO                  | 2.1E15                                      | 63                      |    |

[Figure 5A]



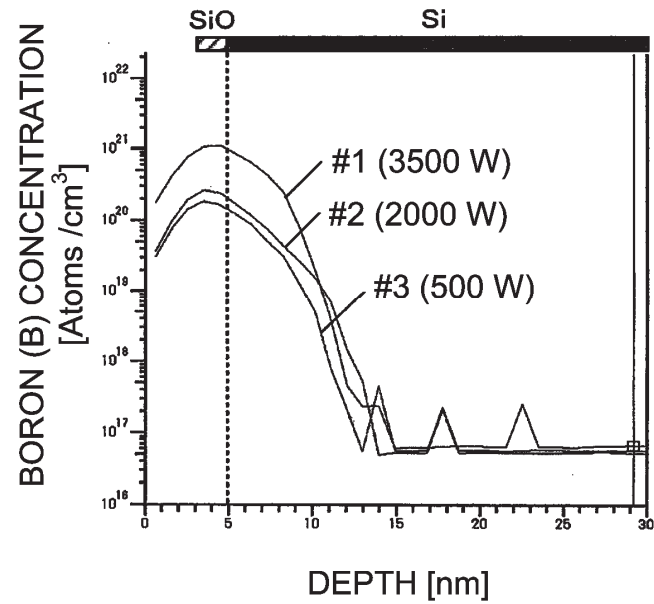
WITH DEPOSITS

[Figure 5B]

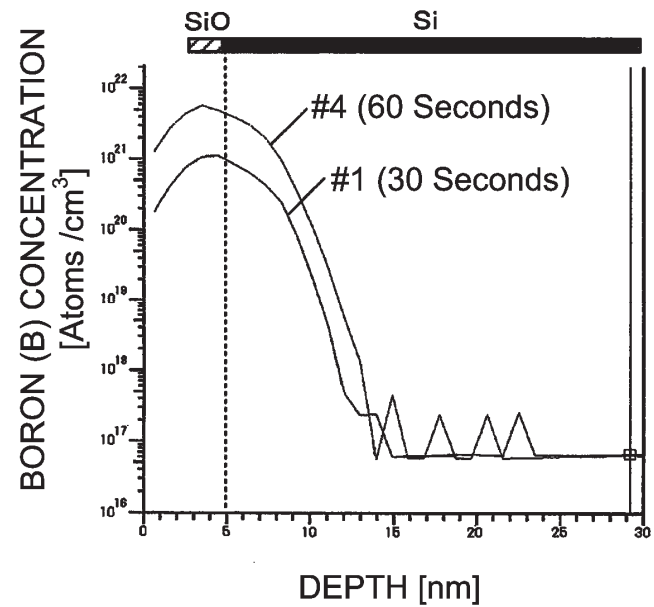


WITHOUT DEPOSITS

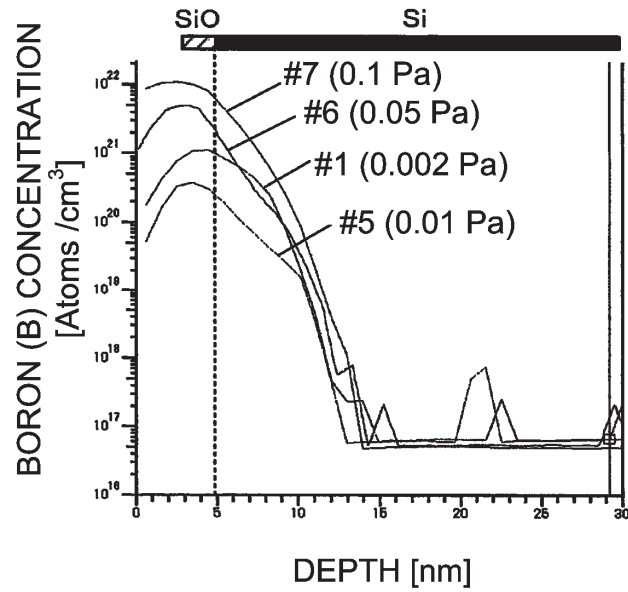
[Figure 6A]



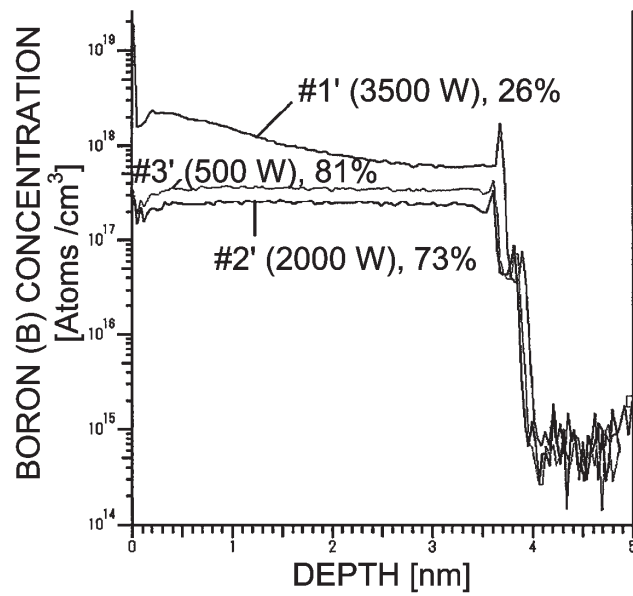
[Figure 6B]



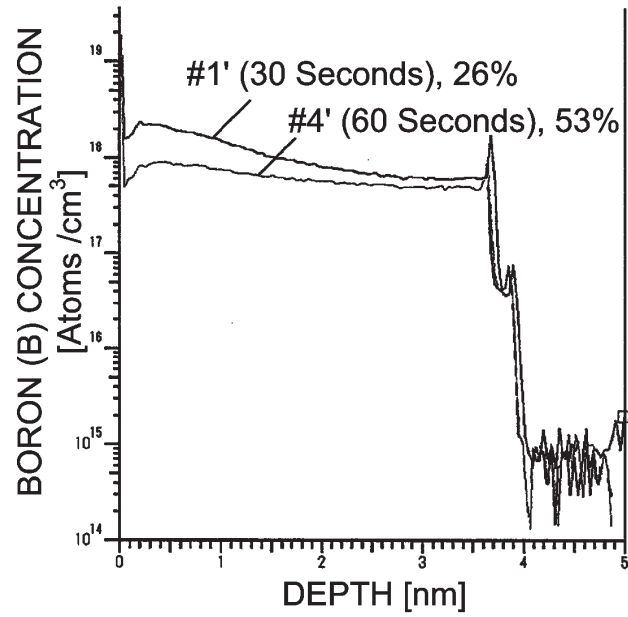
[Figure 6C]



[Figure 7A]



[Figure 7B]



[Figure 7C]

