

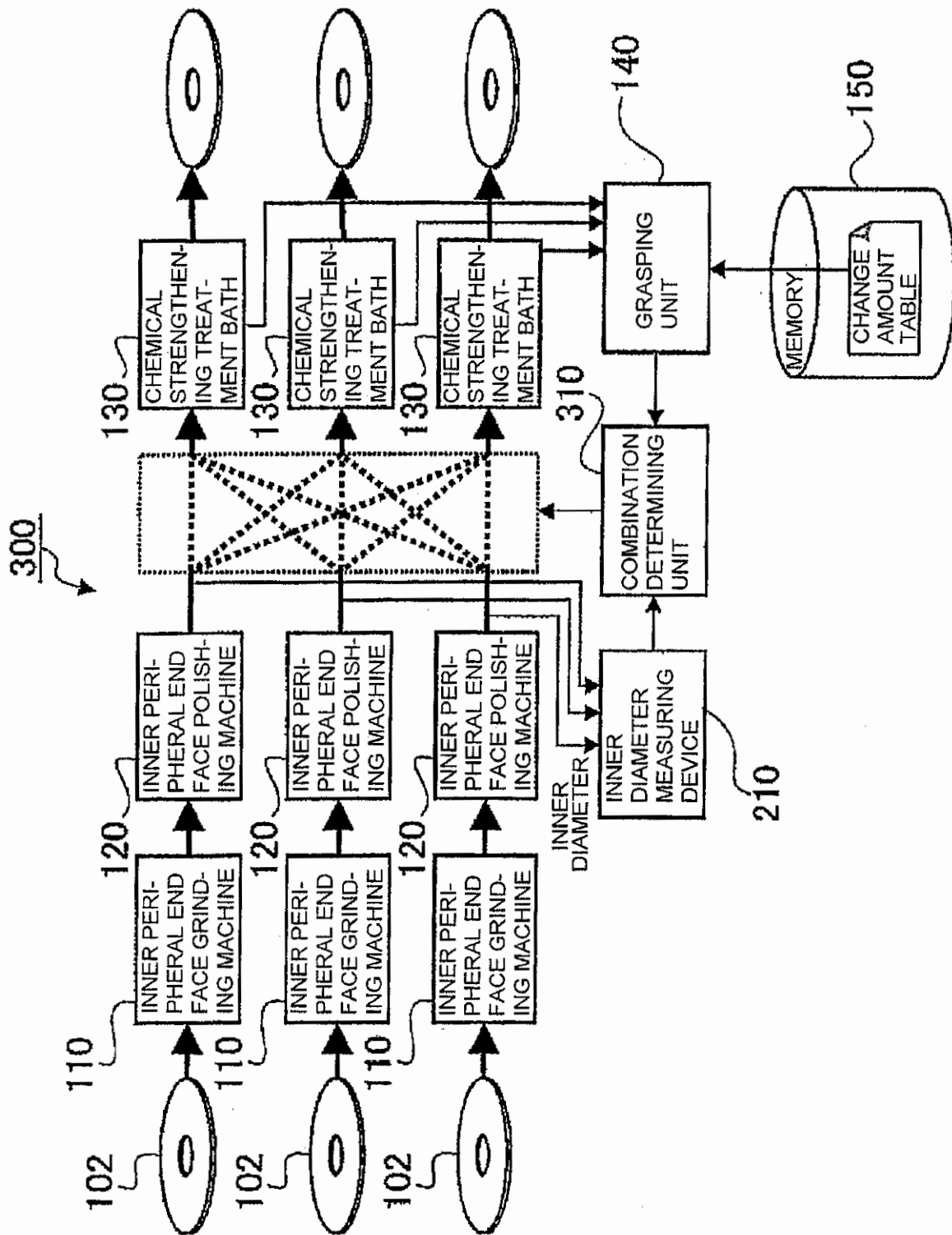


FIG. 1

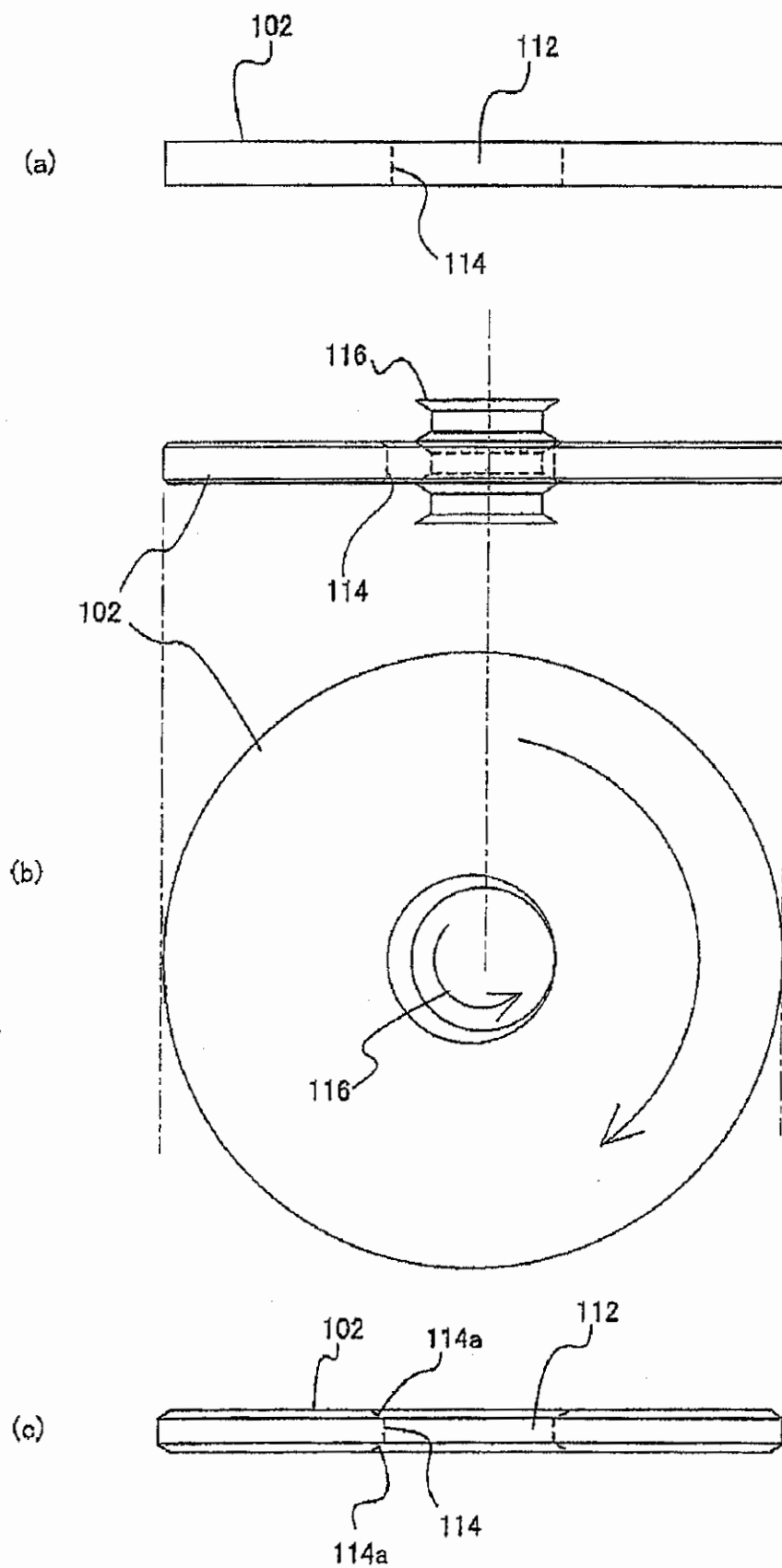


FIG. 2



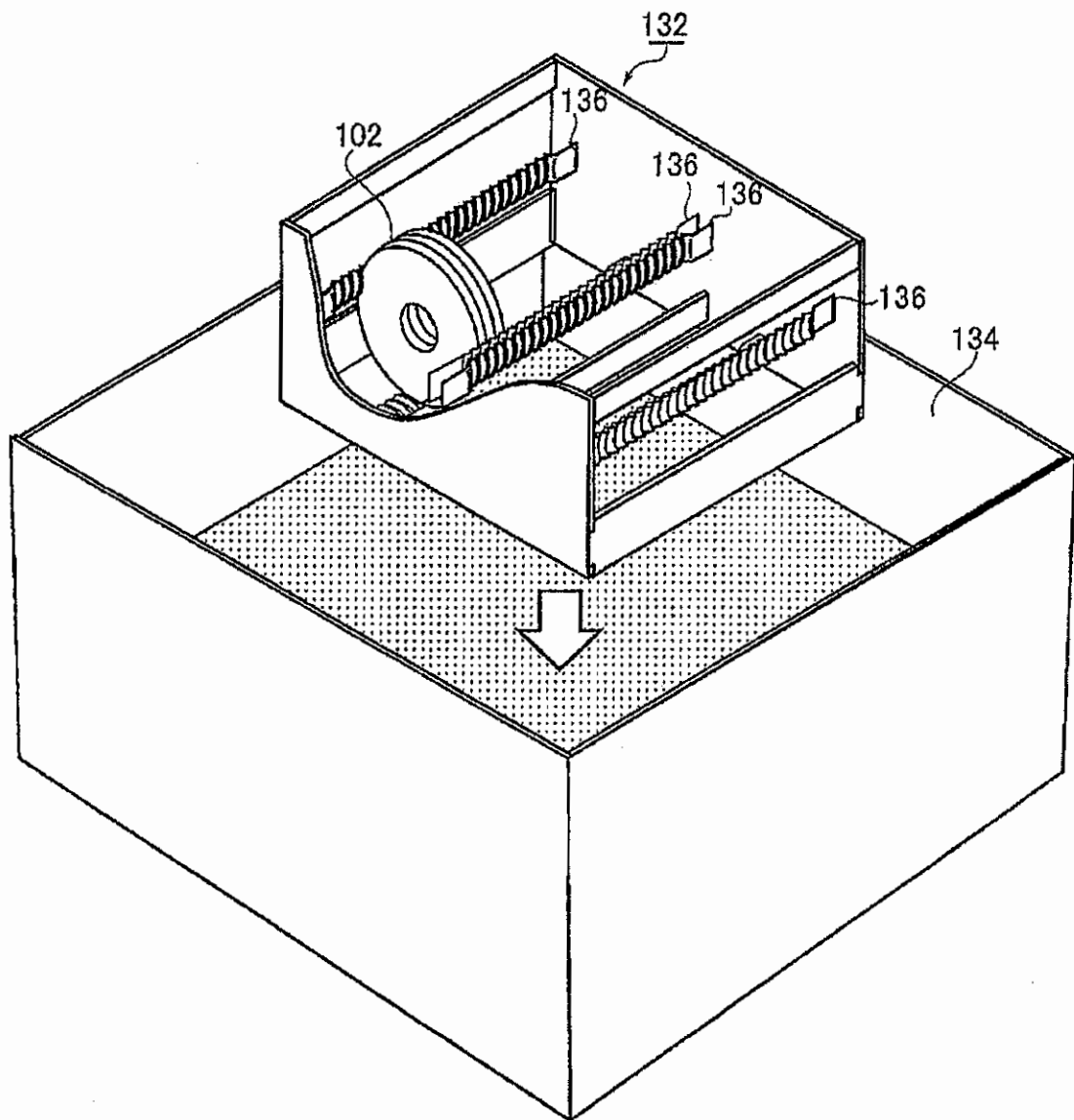


FIG. 4

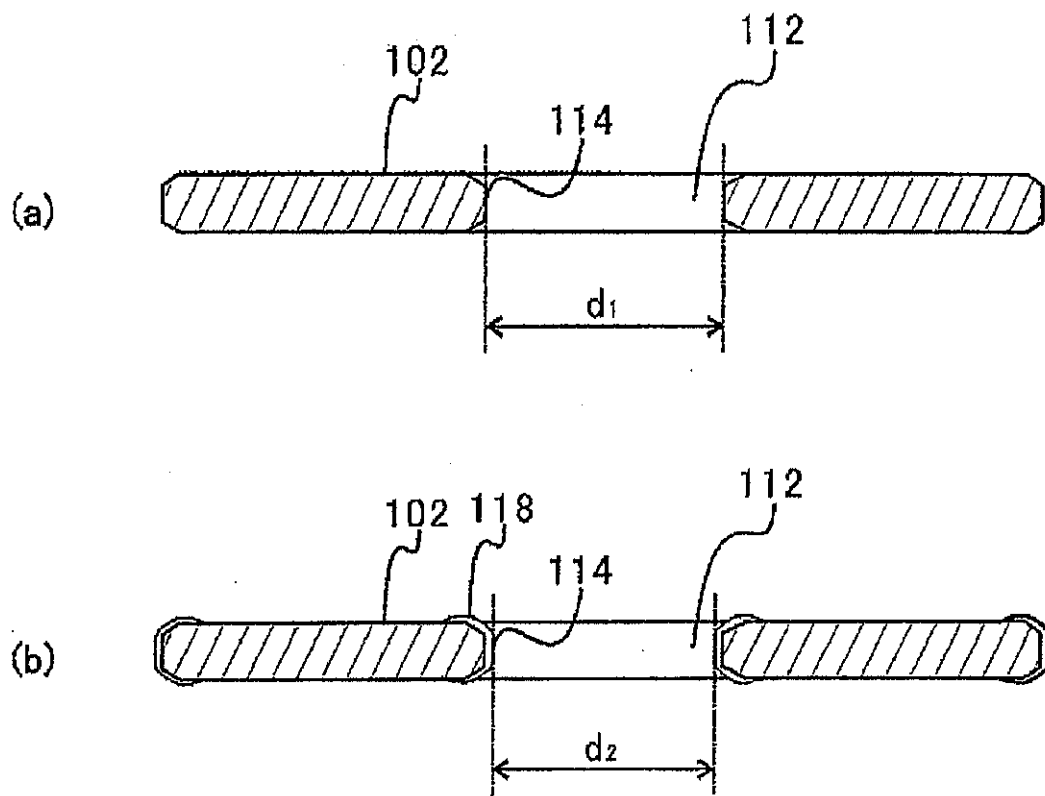


FIG. 5

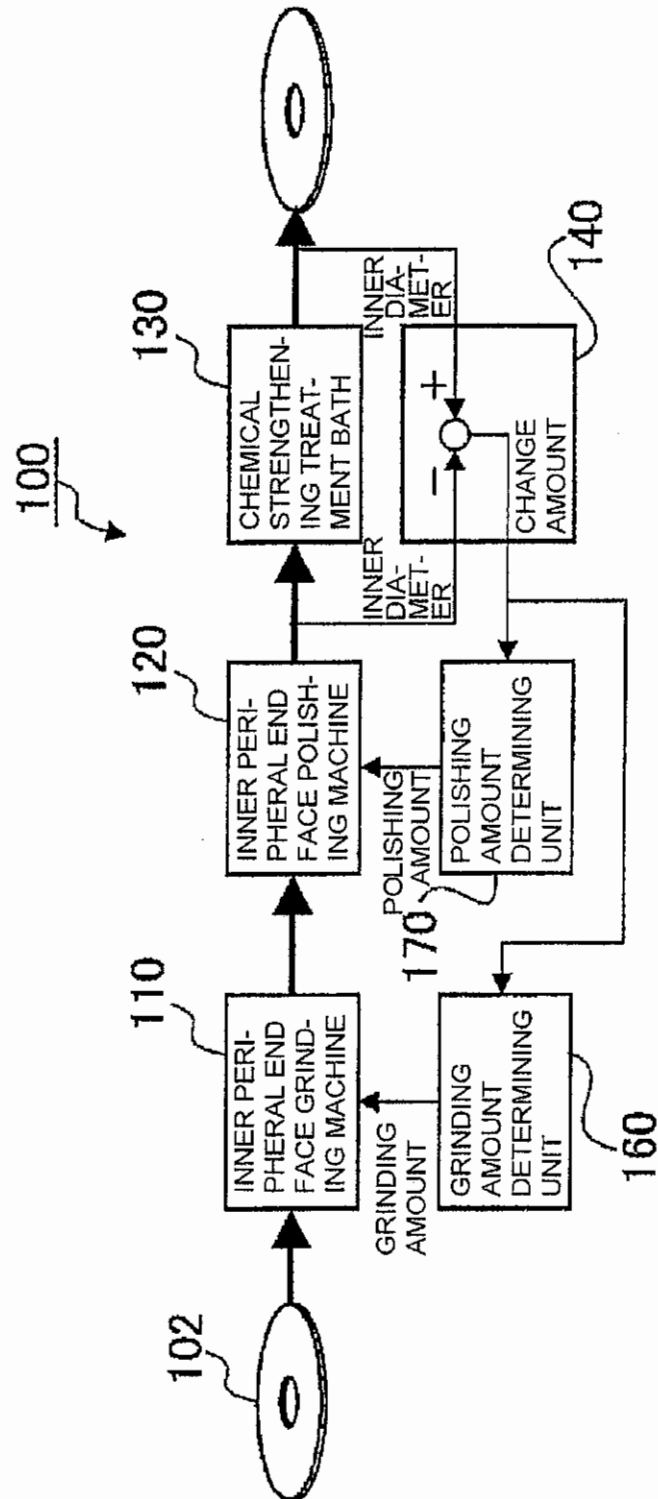


FIG. 6

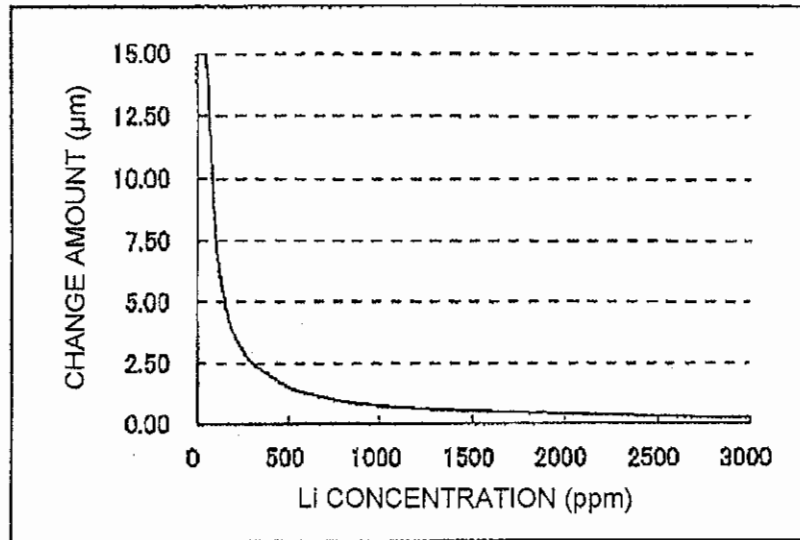


FIG. 7

| Li CONCENTRATION<br>(ppm) | CHANGE AMOUNT<br>(μm) |
|---------------------------|-----------------------|
| 50                        | 15.00                 |
| 100                       | 7.50                  |
| 150                       | 6.00                  |
| 200                       | 3.75                  |
| 250                       | 3.00                  |
| 300                       | 2.50                  |
| 500                       | 1.50                  |
| 750                       | 1.00                  |
| 1000                      | 0.75                  |
| 1500                      | 0.50                  |
| 3000                      | 0.25                  |

FIG. 8

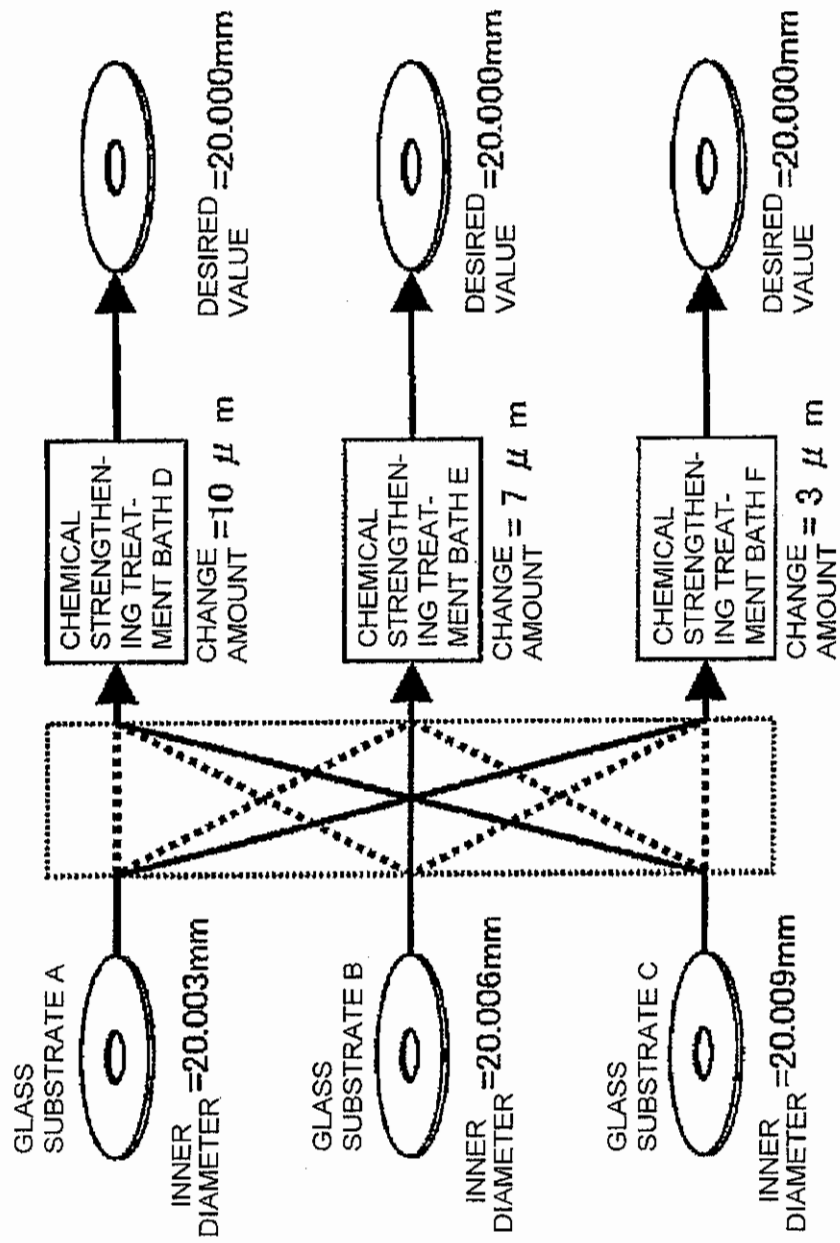


FIG. 9

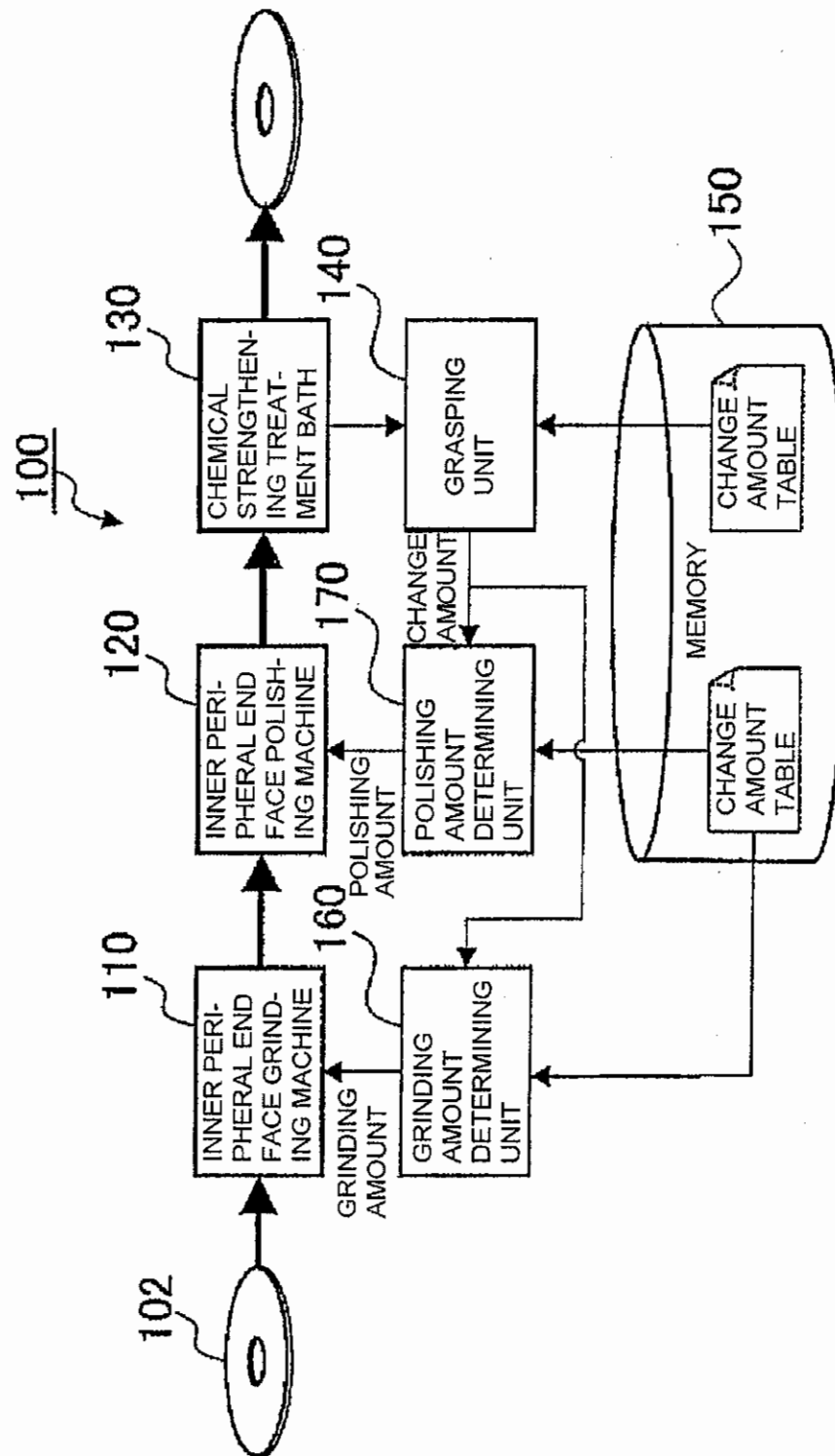


FIG. 10

FIG. 11

| CHANGE AMOUNT<br>( $\mu\text{m}$ ) | GRINDING AMOUNT<br>( $\mu\text{m}$ ) | POLISHING AMOUNT<br>( $\mu\text{m}$ ) |
|------------------------------------|--------------------------------------|---------------------------------------|
| 15.00                              | +13.00                               | +2.00                                 |
| 7.50                               | +6.00                                | +1.50                                 |
| 5.00                               | +4.00                                | +1.00                                 |
| 3.75                               | +3.00                                | +0.75                                 |
| 3.00                               | +2.50                                | +0.50                                 |
| 2.50                               | +2.25                                | +0.25                                 |
| 1.50                               | +1.30                                | +0.20                                 |
| 1.00                               | +0.80                                | +0.20                                 |
| 0.75                               | +0.55                                | +0.20                                 |
| 0.50                               | +0.30                                | +0.20                                 |
| 0.25                               | +0.05                                | +0.20                                 |

FIG. 12

| CHANGE AMOUNT<br>( $\mu\text{m}$ ) | GRINDING AMOUNT<br>( $\mu\text{m}$ ) |
|------------------------------------|--------------------------------------|
| 15.00                              | +15.00                               |
| 7.50                               | +7.50                                |
| 5.00                               | +5.00                                |
| 3.75                               | +3.75                                |
| 3.00                               | +3.00                                |
| 2.50                               | +2.50                                |
| 1.50                               | +1.50                                |
| 1.00                               | +1.00                                |
| 0.75                               | +0.75                                |
| 0.50                               | +0.50                                |
| 0.25                               | +0.25                                |

FIG. 13

| Li CONCENTRATION<br>(ppm) | CHANGE AMOUNT<br>( $\mu\text{m}$ ) | GRINDING AMOUNT<br>( $\mu\text{m}$ ) | POLISHING AMOUNT<br>( $\mu\text{m}$ ) |
|---------------------------|------------------------------------|--------------------------------------|---------------------------------------|
| 50                        | 15.00                              | +13.00                               | +2.00                                 |
| 100                       | 7.50                               | +6.00                                | +1.50                                 |
| 150                       | 5.00                               | +4.00                                | +1.00                                 |
| 200                       | 3.75                               | +3.00                                | +0.75                                 |
| 250                       | 3.00                               | +2.50                                | +0.50                                 |
| 300                       | 2.50                               | +2.25                                | +0.25                                 |
| 500                       | 1.50                               | +1.30                                | +0.20                                 |
| 750                       | 1.00                               | +0.80                                | +0.20                                 |
| 1000                      | 0.75                               | +0.55                                | +0.20                                 |
| 1500                      | 0.50                               | +0.30                                | +0.20                                 |
| 3000                      | 0.25                               | +0.05                                | +0.20                                 |

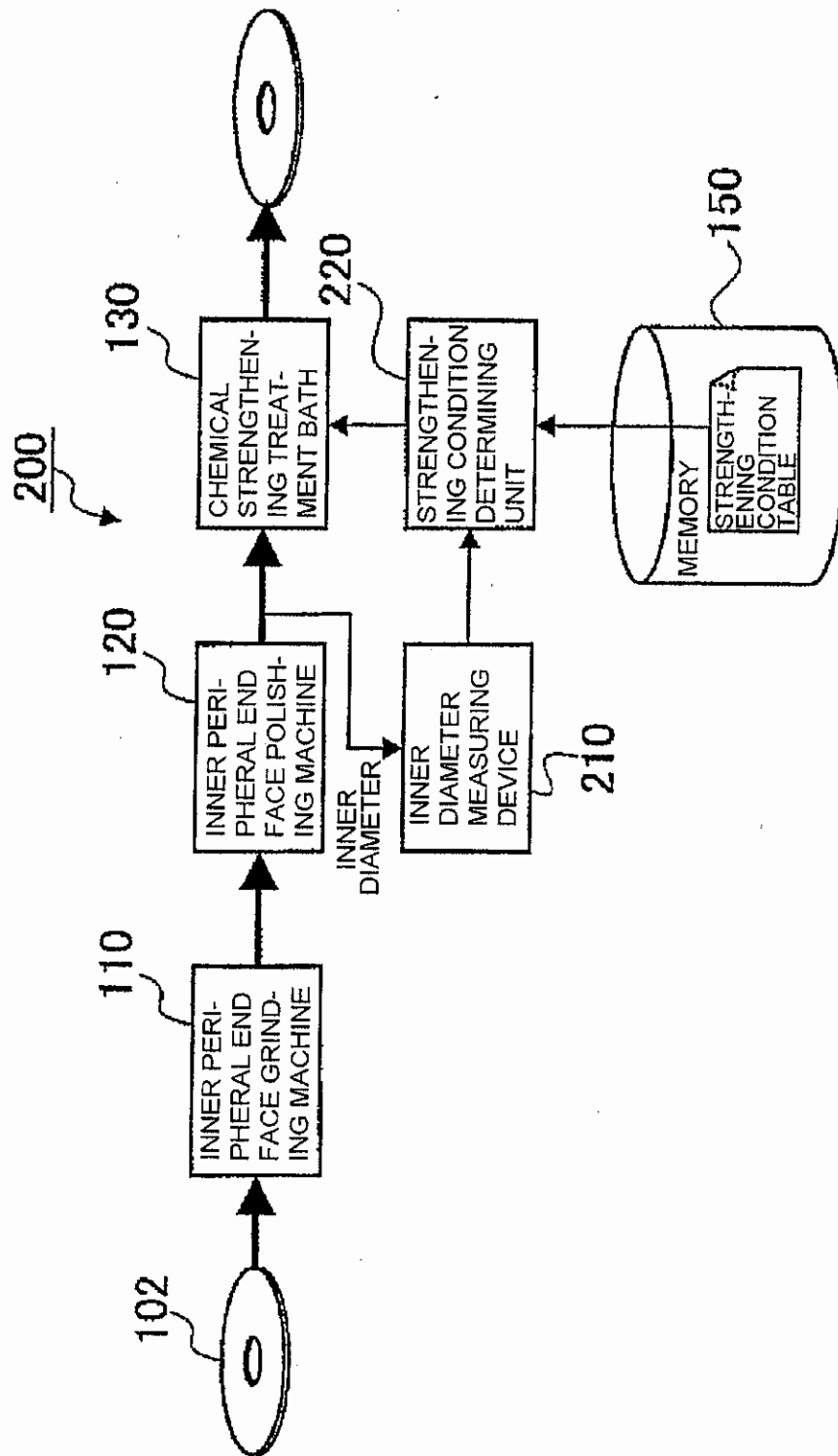


FIG. 14

FIG. 15

| DIFFERENCE<br>( $\mu\text{m}$ ) | IMMERSION TIME<br>(min) | TEMPERATURE<br>( $^{\circ}\text{C}$ ) | LI CONCENTRATION<br>(ppm) |
|---------------------------------|-------------------------|---------------------------------------|---------------------------|
| 15.00                           | 180                     | 350                                   | 50                        |
| 7.50                            | 180                     | 350                                   | 100                       |
| 5.00                            | 180                     | 350                                   | 150                       |
| 3.75                            | 180                     | 350                                   | 200                       |
| 3.00                            | 180                     | 350                                   | 250                       |
| 2.50                            | 180                     | 350                                   | 300                       |
| 1.50                            | 180                     | 350                                   | 500                       |
| 1.00                            | 180                     | 350                                   | 750                       |
| 0.75                            | 180                     | 350                                   | 1000                      |
| 0.50                            | 180                     | 350                                   | 1500                      |
| 0.25                            | 180                     | 350                                   | 3000                      |

FIG. 16

| LI CONCENTRATION<br>(ppm) | IMMERSION TIME<br>(min) | TEMPERATURE<br>( $^{\circ}\text{C}$ ) | DIFFERENCE<br>( $\mu\text{m}$ ) |
|---------------------------|-------------------------|---------------------------------------|---------------------------------|
| 50                        | 180                     | 350                                   | 15.00                           |
| 50                        | 150                     | 300                                   | 10.00                           |
| 50                        | 120                     | 300                                   | 7.00                            |
| 100                       | 180                     | 350                                   | 7.50                            |
| 100                       | 200                     | 380                                   | 10.00                           |
| 150                       | 180                     | 350                                   | 5.00                            |
| 150                       | 160                     | 370                                   | 7.00                            |
| 200                       | 180                     | 350                                   | 3.75                            |
| 250                       | 180                     | 350                                   | 3.00                            |
| 300                       | 180                     | 350                                   | 2.50                            |
| 500                       | 180                     | 350                                   | 1.50                            |
| 750                       | 200                     | 380                                   | 2.00                            |
| 750                       | 180                     | 350                                   | 1.00                            |
| 1000                      | 180                     | 350                                   | 0.75                            |
| 1500                      | 180                     | 350                                   | 0.50                            |
| 3000                      | 180                     | 350                                   | 0.25                            |