

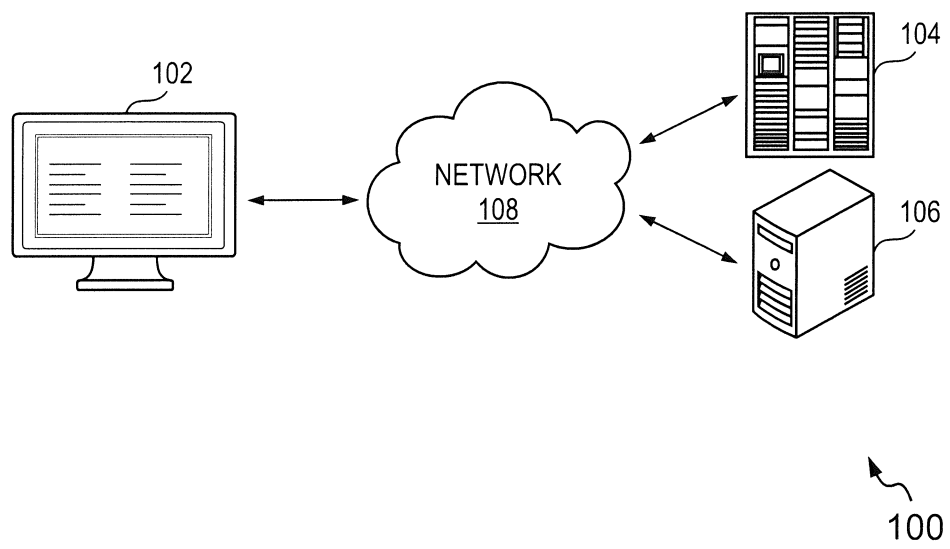


FIG. 1

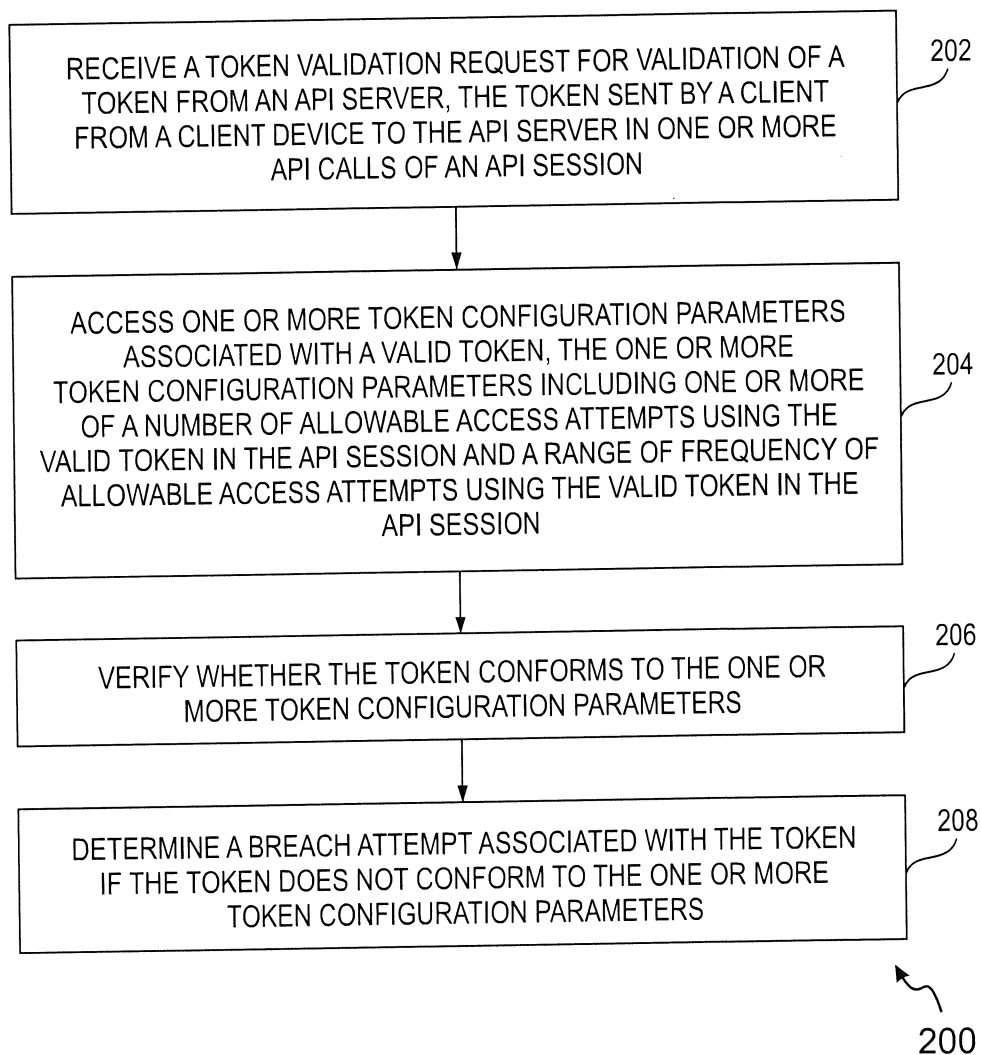


FIG. 2

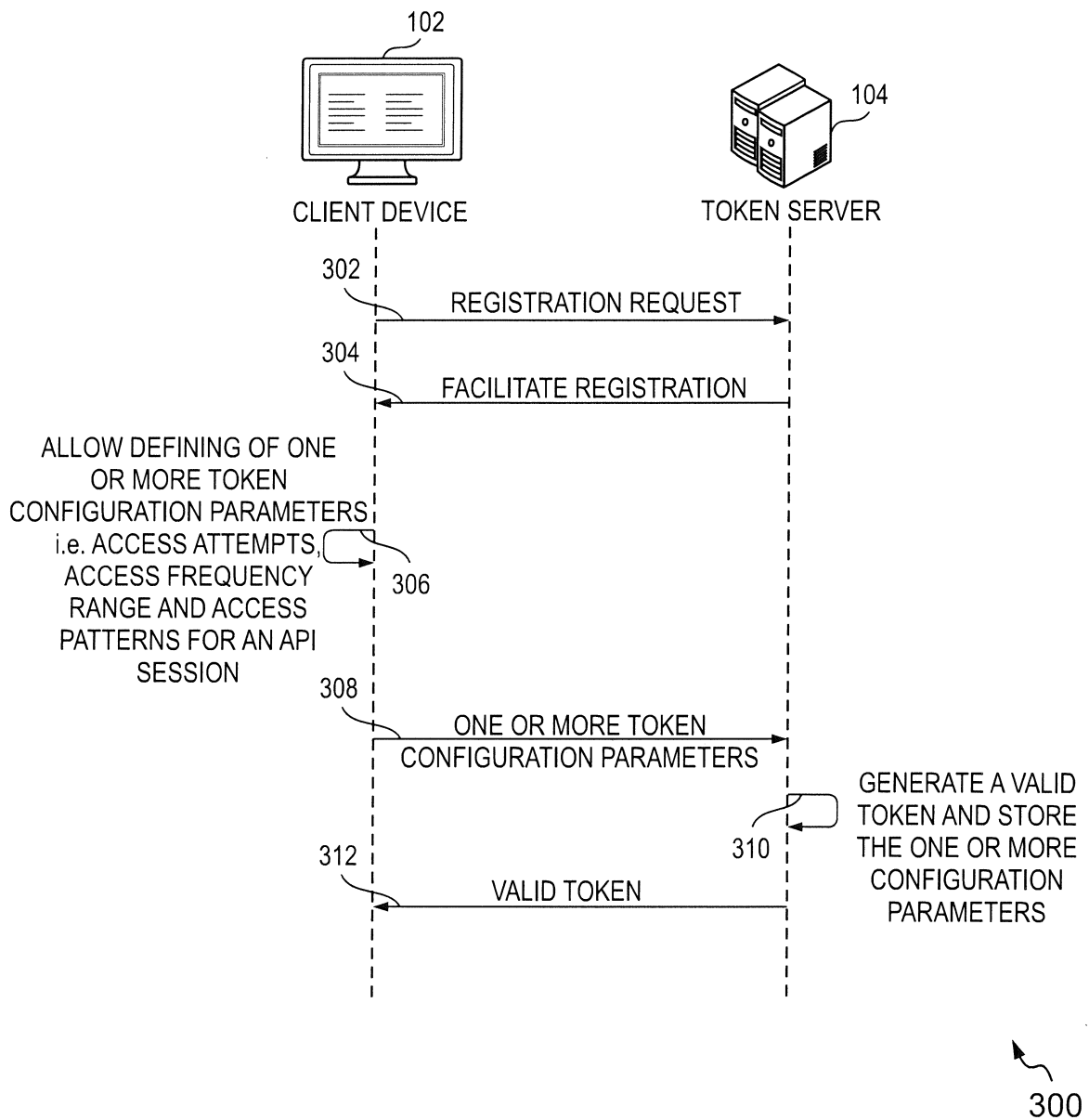


FIG. 3

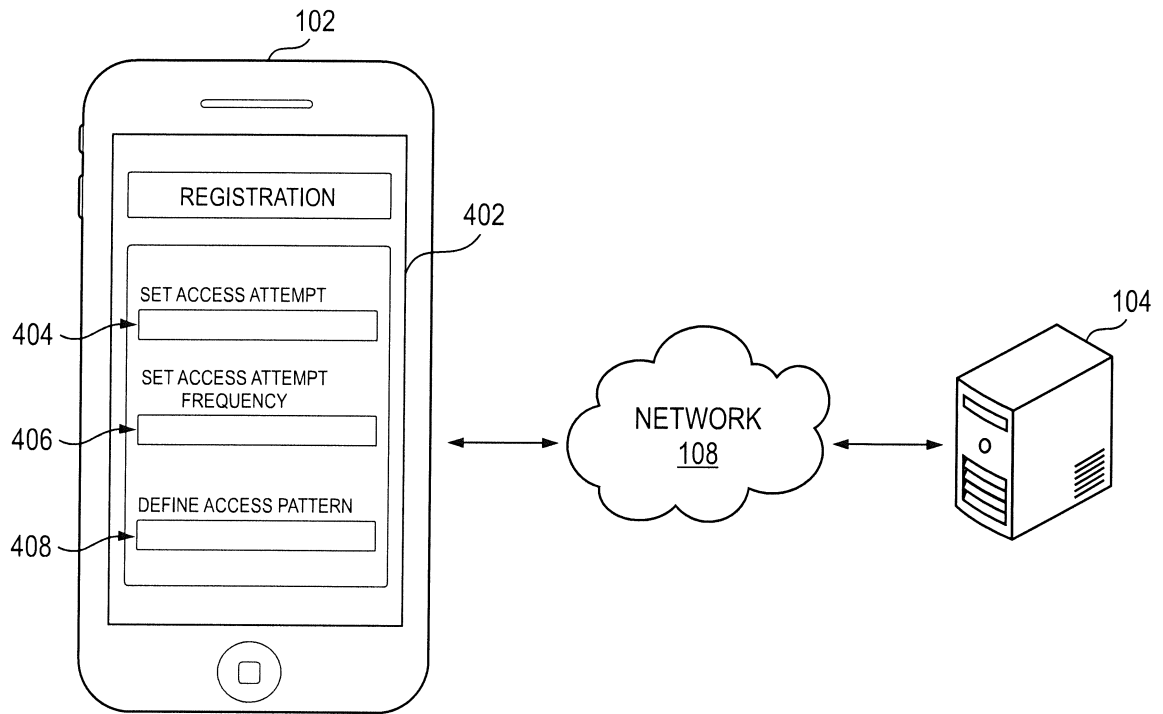


FIG. 4A

| 402                 |              | 404                             | 406                               |                                   |                                  |                                       |                                          | 408a                                     | 408b | 408c | 408d | 410a | 410b |
|---------------------|--------------|---------------------------------|-----------------------------------|-----------------------------------|----------------------------------|---------------------------------------|------------------------------------------|------------------------------------------|------|------|------|------|------|
| CLIENT<br>DEVICE ID | TOKEN        | NUMBER OF<br>ACCESS<br>ATTEMPTS | ACCESS<br>ATTEMPTS IN<br>A SECOND | ACCESS<br>ATTEMPTS IN<br>A MINUTE | ACCESS<br>ATTEMPTS IN<br>AN HOUR | ACCESS<br>ATTEMPTS IN<br>A SINGLE DAY | ACCESS<br>PATTERN FOR<br>APPLICATION 'X' | ACCESS<br>PATTERN FOR<br>APPLICATION 'Y' |      |      |      |      |      |
| XYZ                 | ABCDEFGHI123 | 3                               | 1                                 | 3                                 | 6                                | 20                                    | F1F4F7                                   | F2F4F6                                   |      |      |      |      |      |
| LMO                 | XYZDEFGHI567 | 4                               | 1                                 | 4                                 | 10                               | 25                                    | F1F2F3                                   | F1F4F6                                   |      |      |      |      |      |
| .                   | .            | .                               | .                                 | .                                 | .                                | .                                     | .                                        | .                                        |      |      |      |      |      |
| .                   | .            | .                               | .                                 | .                                 | .                                | .                                     | .                                        | .                                        |      |      |      |      |      |
| .                   | .            | .                               | .                                 | .                                 | .                                | .                                     | .                                        | .                                        |      |      |      |      |      |

FIG. 4B

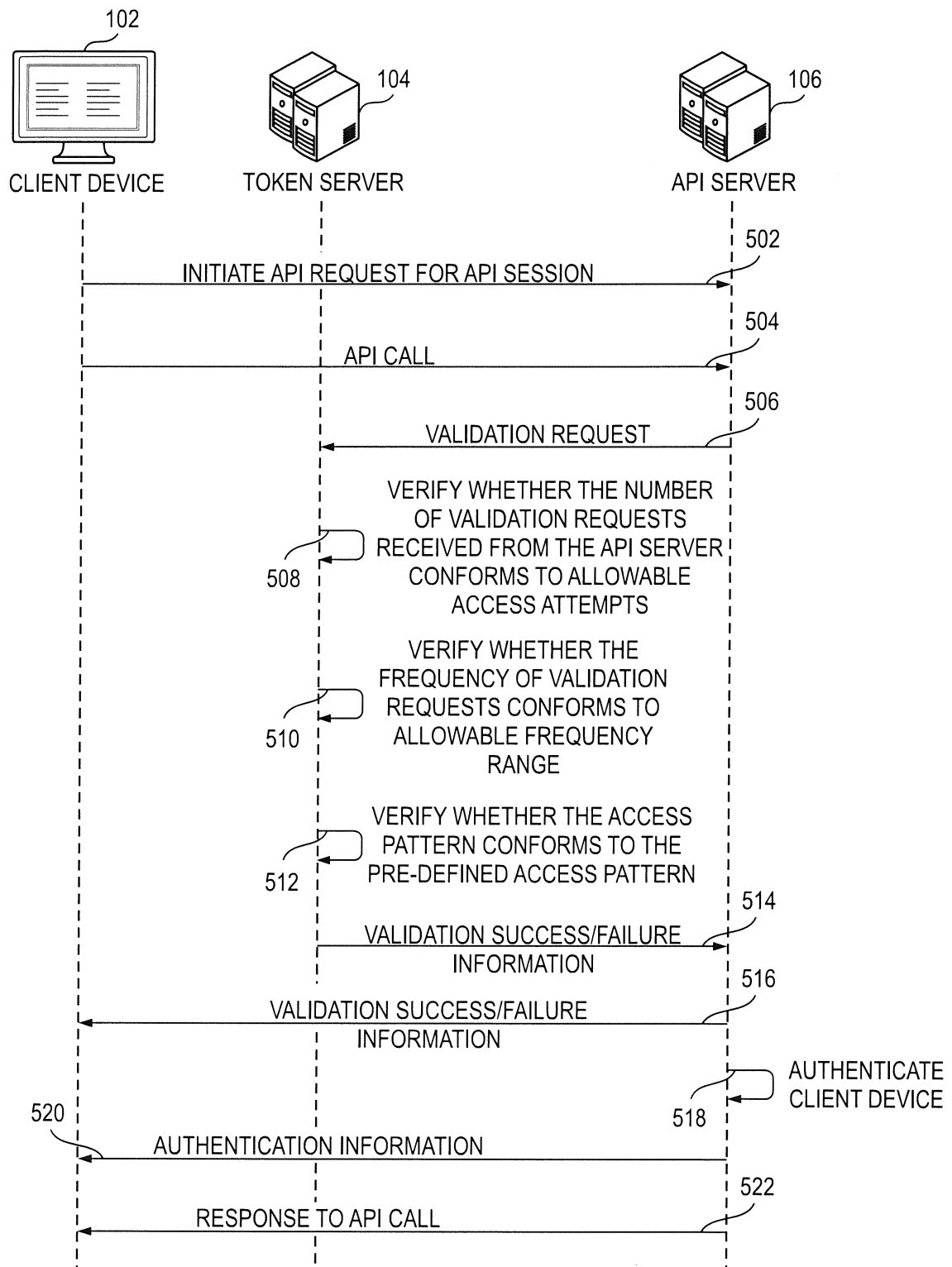
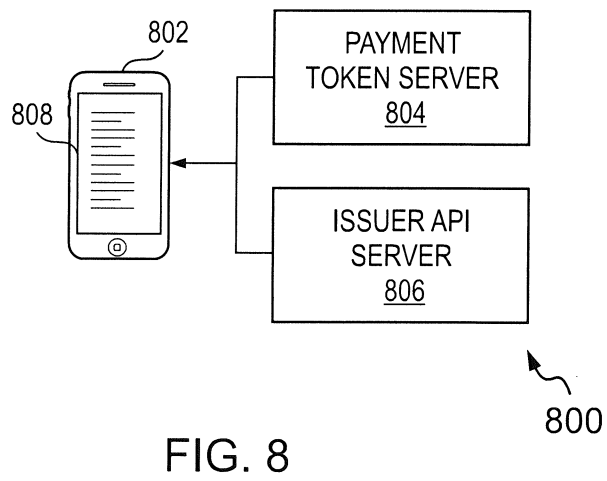
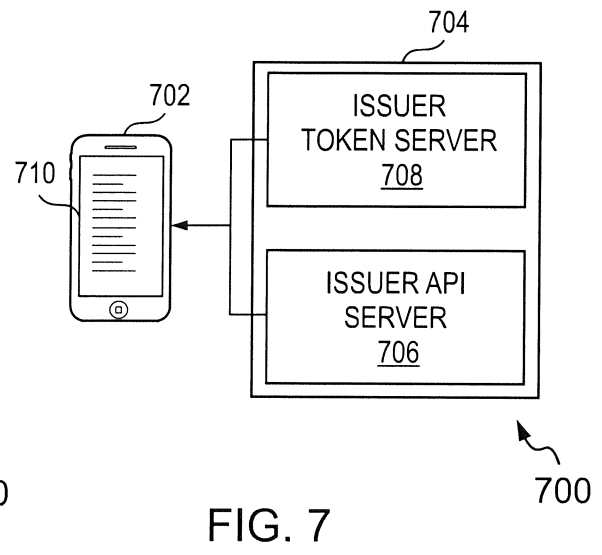
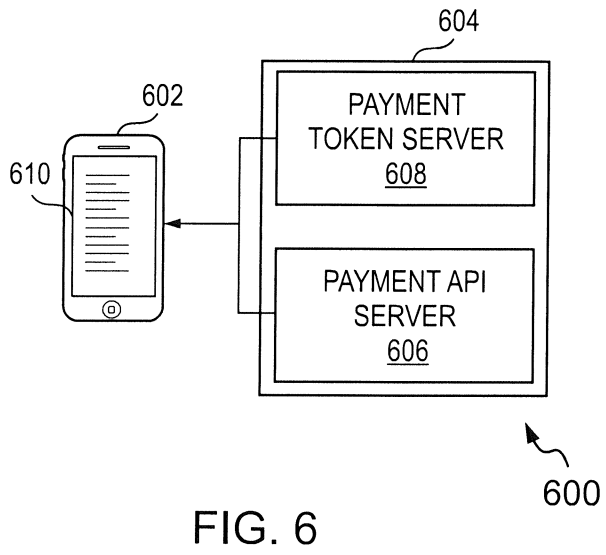


FIG. 5



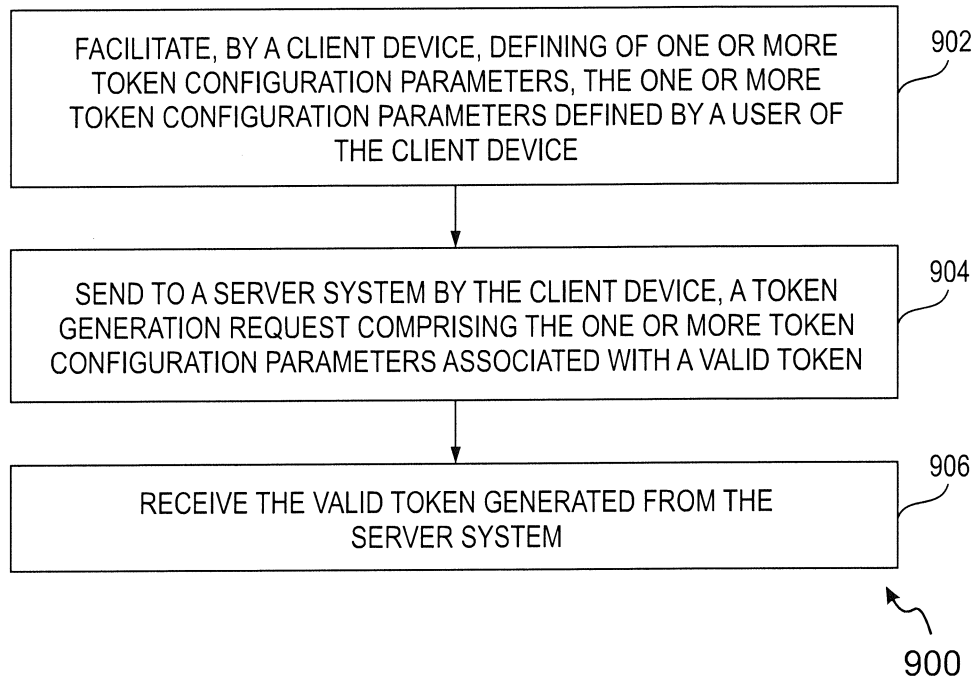


FIG. 9

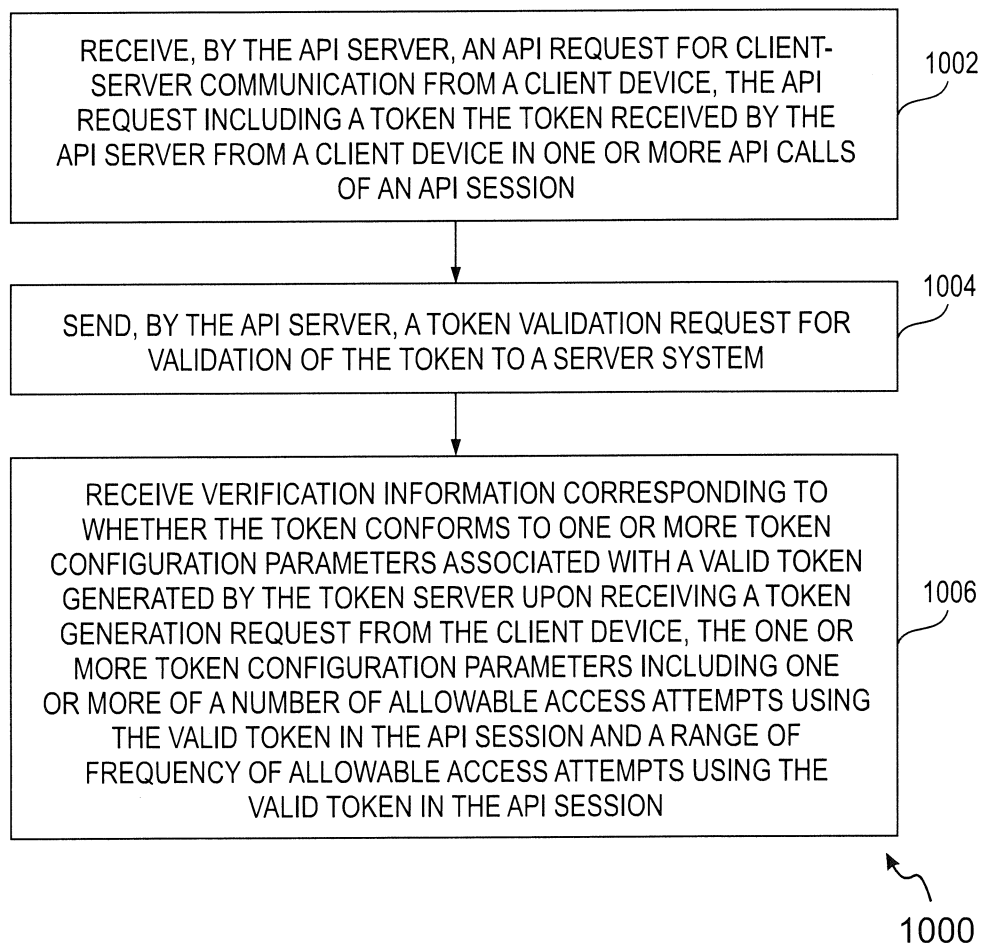


FIG. 10

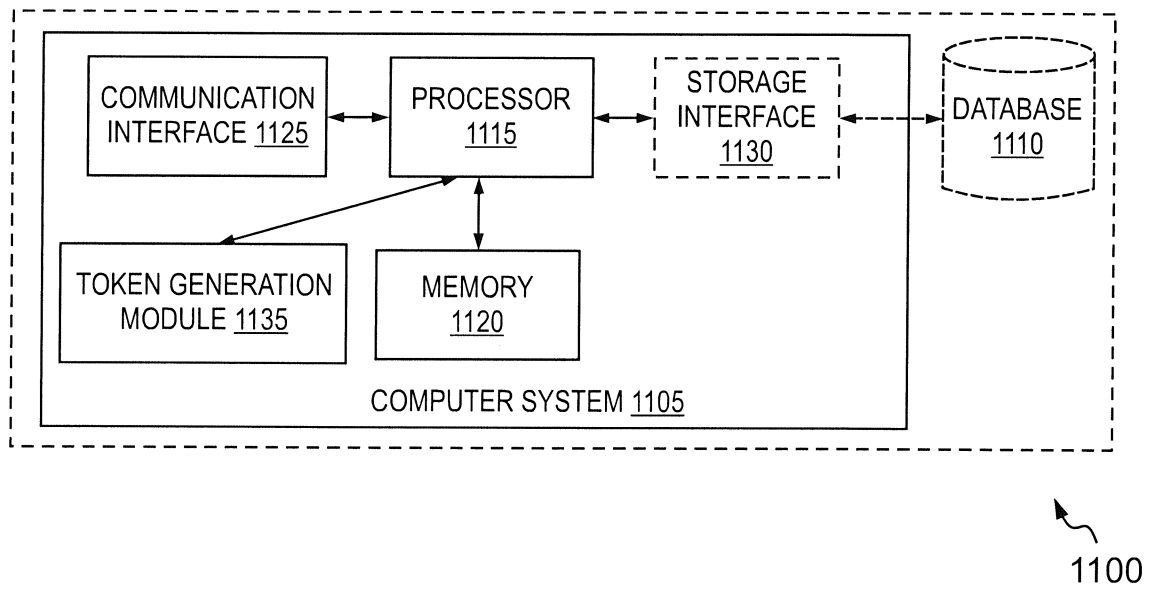


FIG. 11

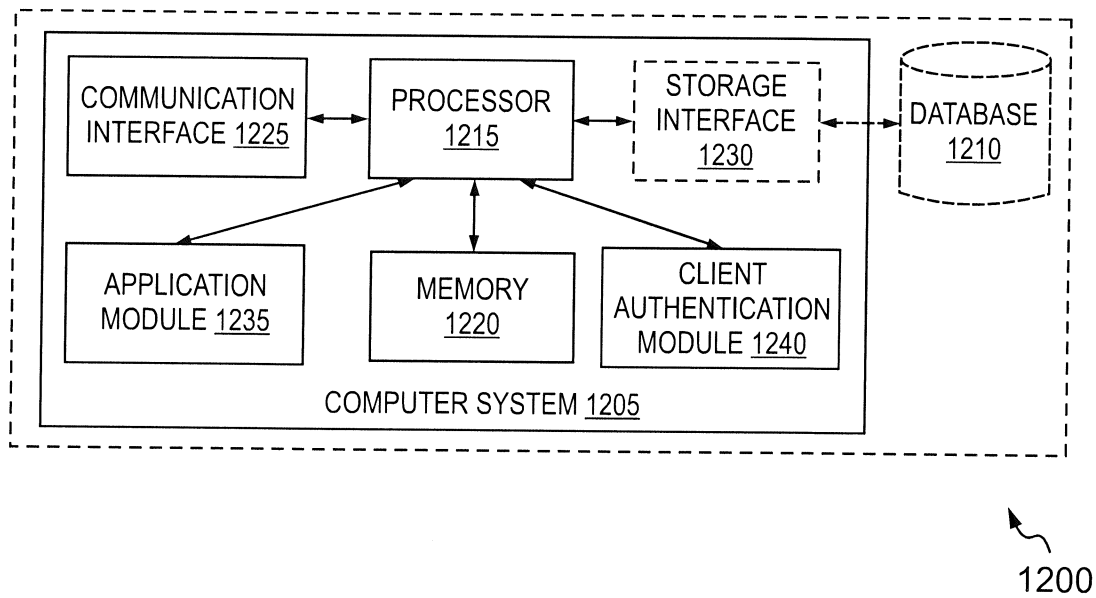


FIG. 12

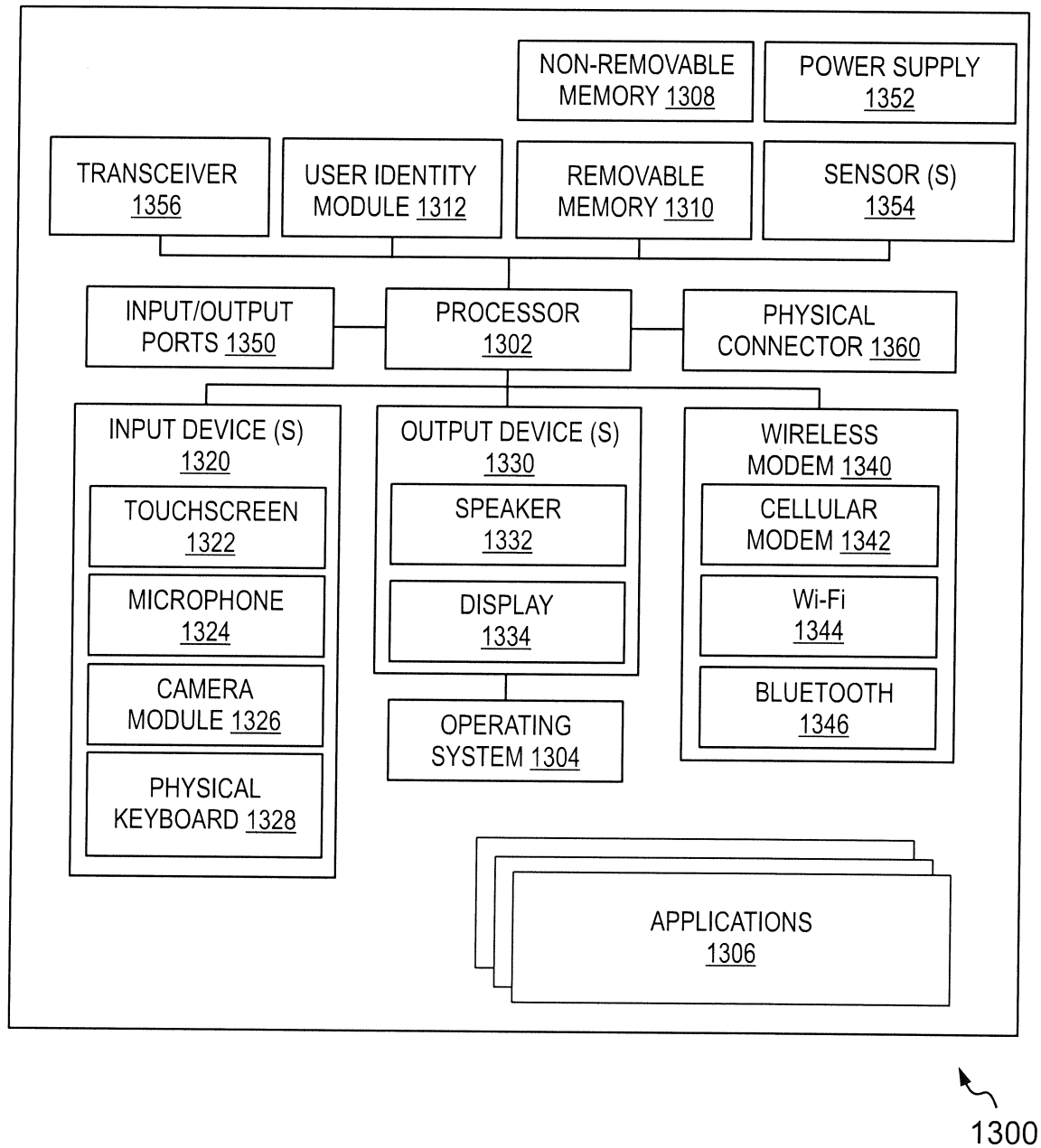


FIG. 13