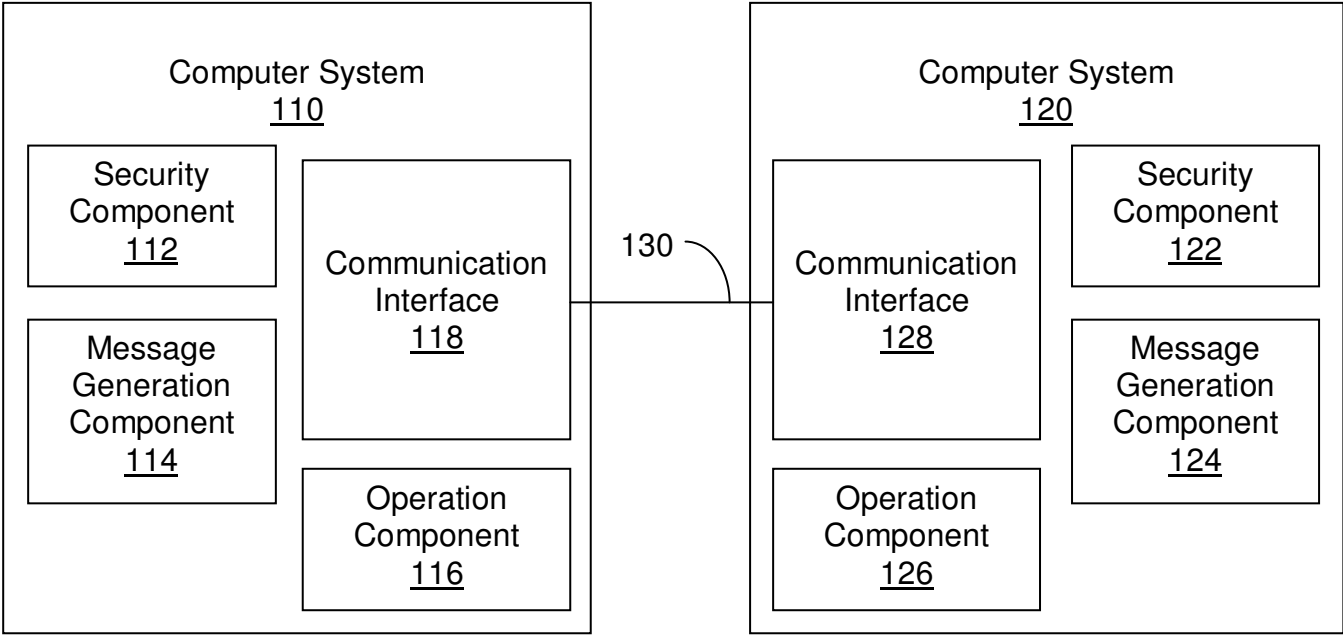
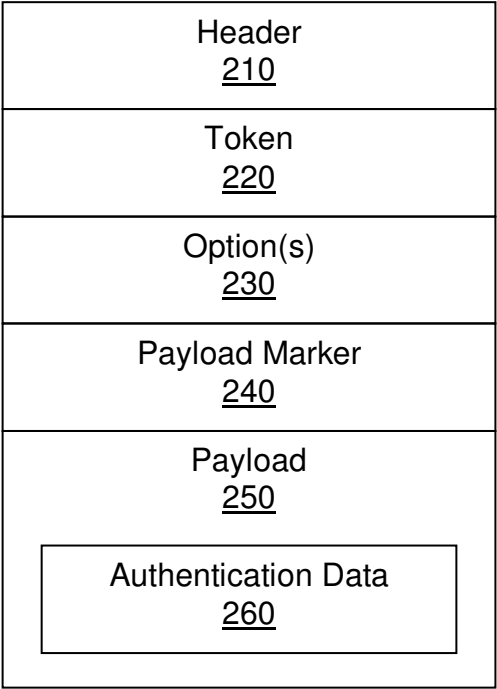


100



**FIGURE 1**

200



**FIGURE 2**

210

|                       |                               |                               |                    |                                     |
|-----------------------|-------------------------------|-------------------------------|--------------------|-------------------------------------|
| Version<br><u>310</u> | Message<br>Type<br><u>320</u> | Token<br>Length<br><u>330</u> | Code<br><u>340</u> | Message<br>Identifier<br><u>350</u> |
|-----------------------|-------------------------------|-------------------------------|--------------------|-------------------------------------|

**FIGURE 3**

230

|     |   |                                 |                             |                            |
|-----|---|---------------------------------|-----------------------------|----------------------------|
| 410 | { | Option Identifier<br><u>412</u> | Option Length<br><u>414</u> | Option Value<br><u>416</u> |
| 420 | { | Option Identifier<br><u>422</u> | Option Length<br><u>424</u> | Option Value<br><u>426</u> |
| 430 | { | Option Identifier<br><u>432</u> | Option Length<br><u>434</u> | Option Value<br><u>436</u> |

**FIGURE 4**

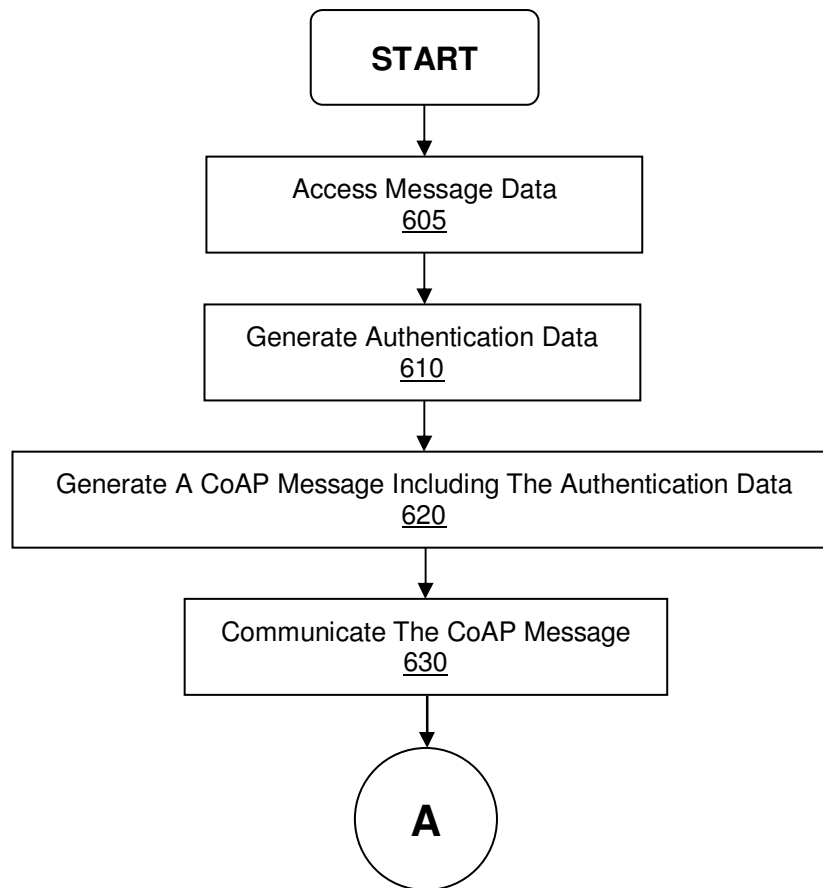
500A

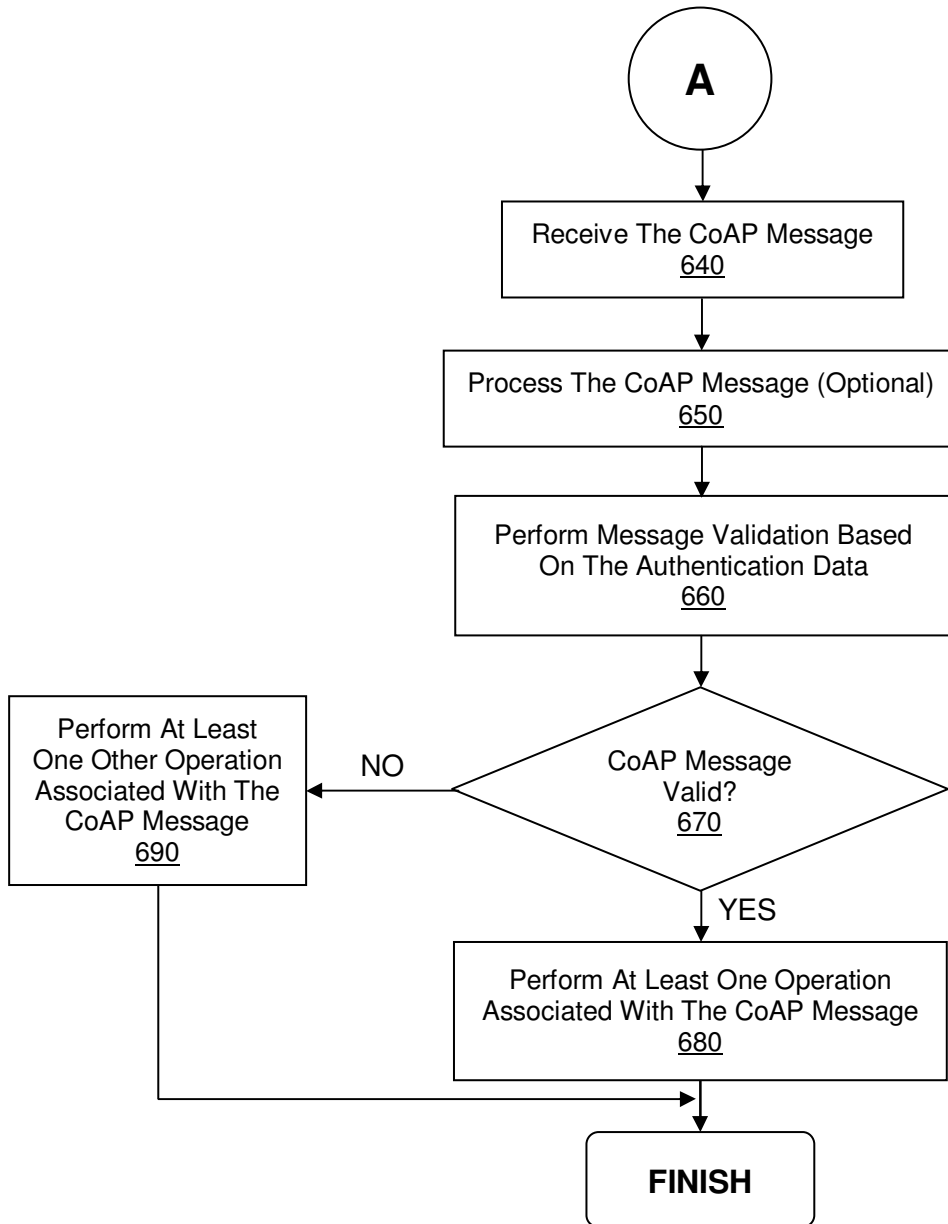
|                                  |               |                                |                                 |                      |
|----------------------------------|---------------|--------------------------------|---------------------------------|----------------------|
| Version: 1                       | Type: 0 (CON) | Token Length: 1                | Code: 0.01 (GET)                | Message ID: "0xbc90" |
| Token: "0x71"                    |               |                                |                                 |                      |
| Option Identifier: 3 (Uri-Host)  |               | Option Length: 15              | Option Value: "www.example.com" |                      |
| Option Identifier: 4 (Uri-Port)  |               | Option Length: 2               | Option Value: "5683"            |                      |
| Option Identifier: 4 (Uri-Path)  |               | Option Length: 7               | Option Value: "sensors"         |                      |
| Option Identifier: 0 (Uri-Path)  |               | Option Length: 11              | Option Value: "temperature"     |                      |
| Option Identifier: 3 (Max-Age)   |               | Option Length: 1               | Option Value: "0"               |                      |
| Option Identifier: 1 (Uri-Query) |               | Option Length: 9               | Option Value: "uid=cs110"       |                      |
| Option Identifier: 0 (Uri-Query) |               | Option Length: 7               | Option Value: "hs256=1"         |                      |
| Option Identifier: 0 (Uri-Query) |               | Option Length: 7               | Option Value: "nonce=1"         |                      |
| Payload Marker: 0xFF             |               | Payload: Authentication Data 1 |                                 |                      |

**FIGURE 5A**500B

|                                  |               |                                          |                           |                      |
|----------------------------------|---------------|------------------------------------------|---------------------------|----------------------|
| Version: 1                       | Type: 2 (ACK) | Token Length: 1                          | Code: 2.05 (Content)      | Message ID: "0xbc90" |
| Token: "0x71"                    |               |                                          |                           |                      |
| Option Identifier: 14 (Max-Age)  |               | Option Length: 1                         | Option Value: "0"         |                      |
| Option Identifier: 1 (Uri-Query) |               | Option Length: 9                         | Option Value: "uid=cs120" |                      |
| Option Identifier: 0 (Uri-Query) |               | Option Length: 7                         | Option Value: "hs256=1"   |                      |
| Option Identifier: 0 (Uri-Query) |               | Option Length: 7                         | Option Value: "nonce=1"   |                      |
| Payload Marker: 0xFF             |               | Payload: "22.5 C"; Authentication Data 2 |                           |                      |

**FIGURE 5B**

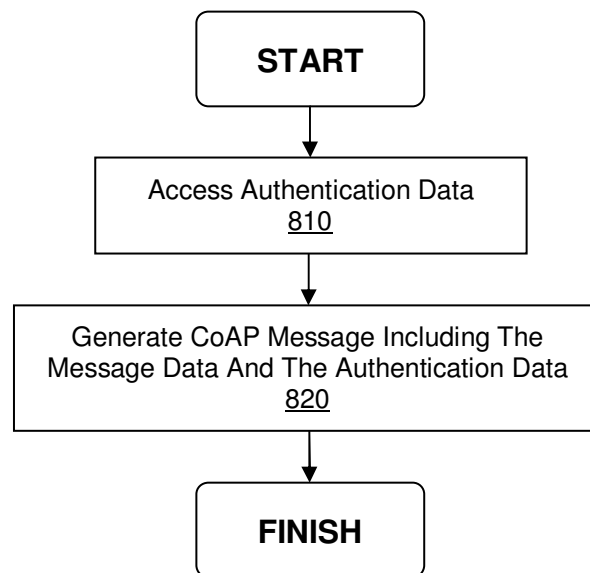
600**FIGURE 6A**

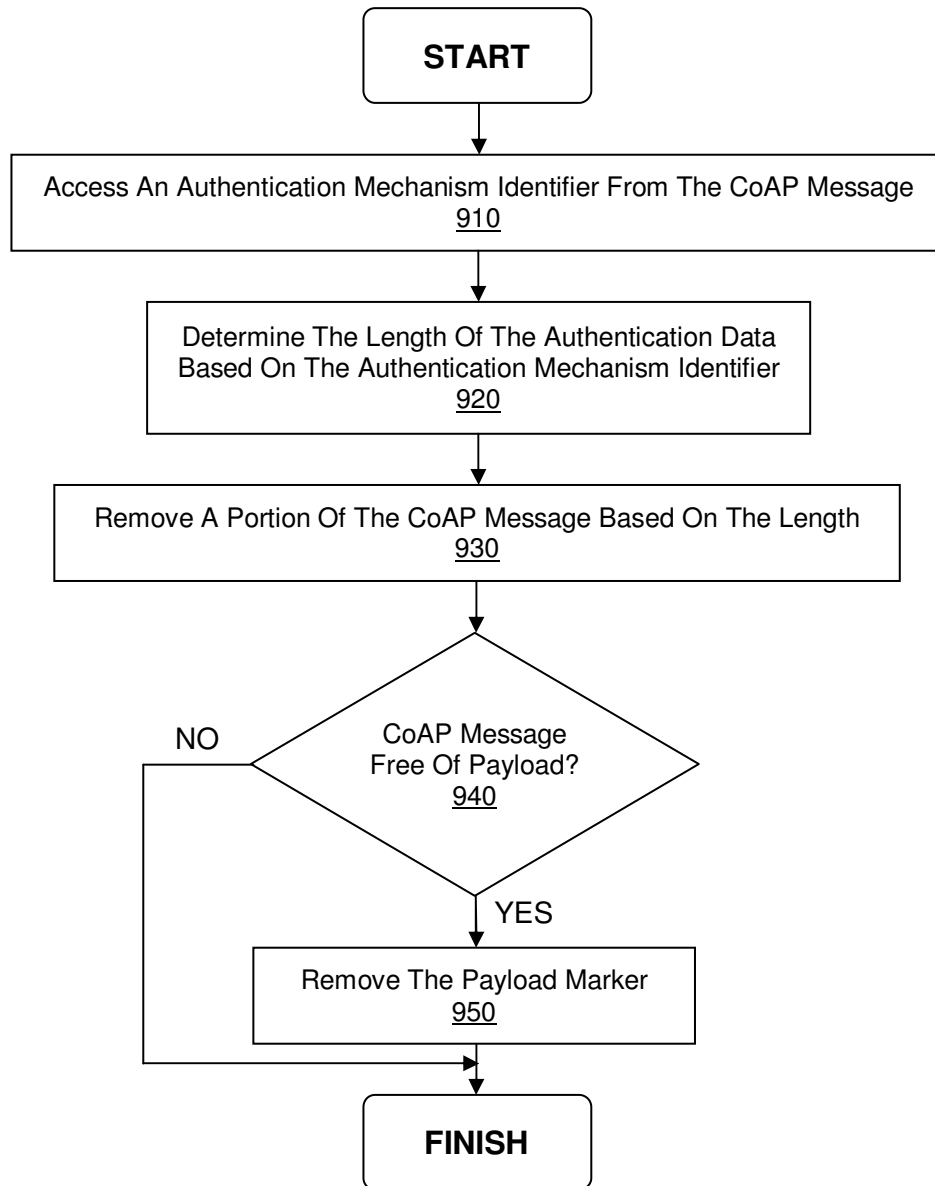
600**FIGURE 6B**

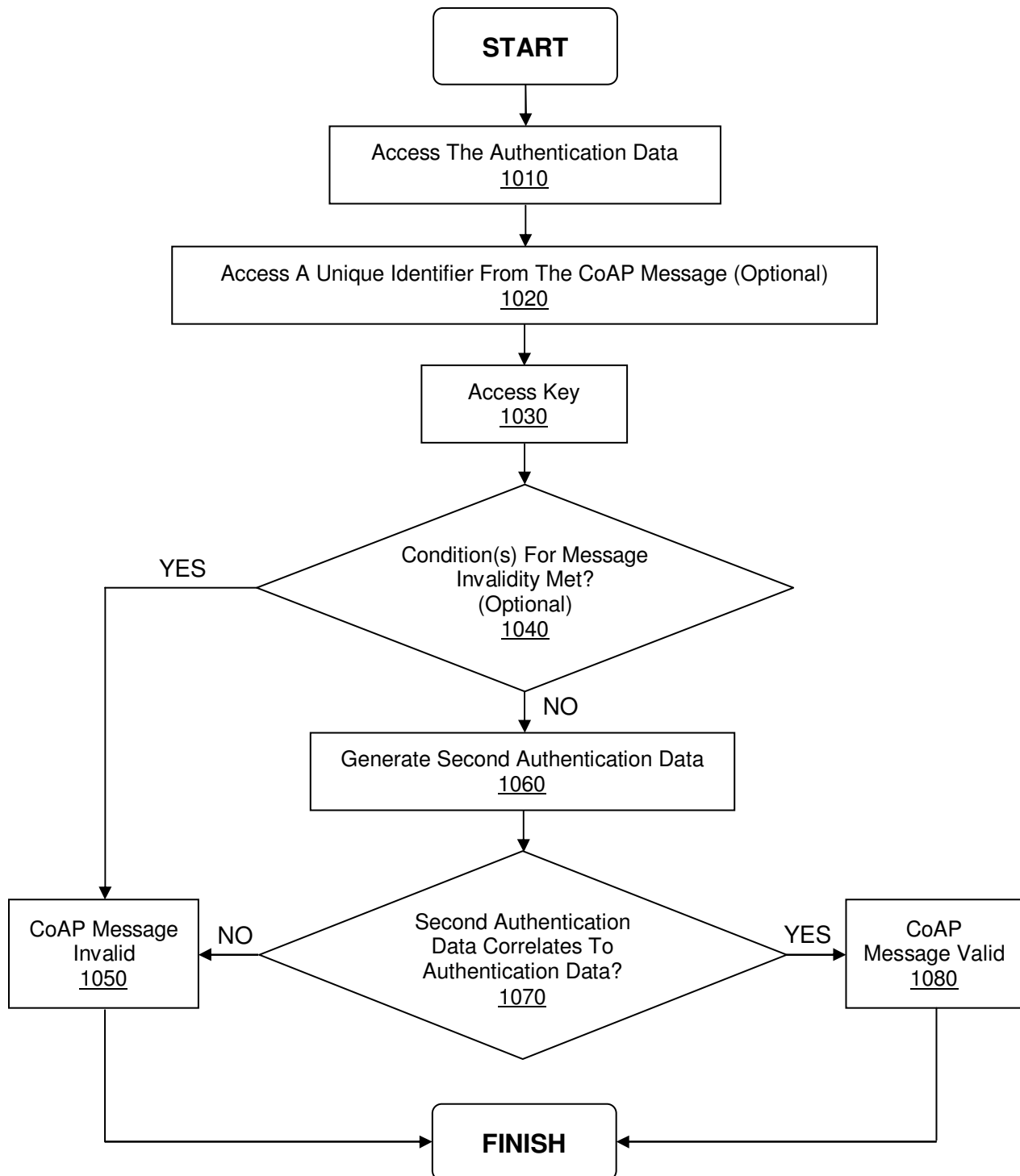
700

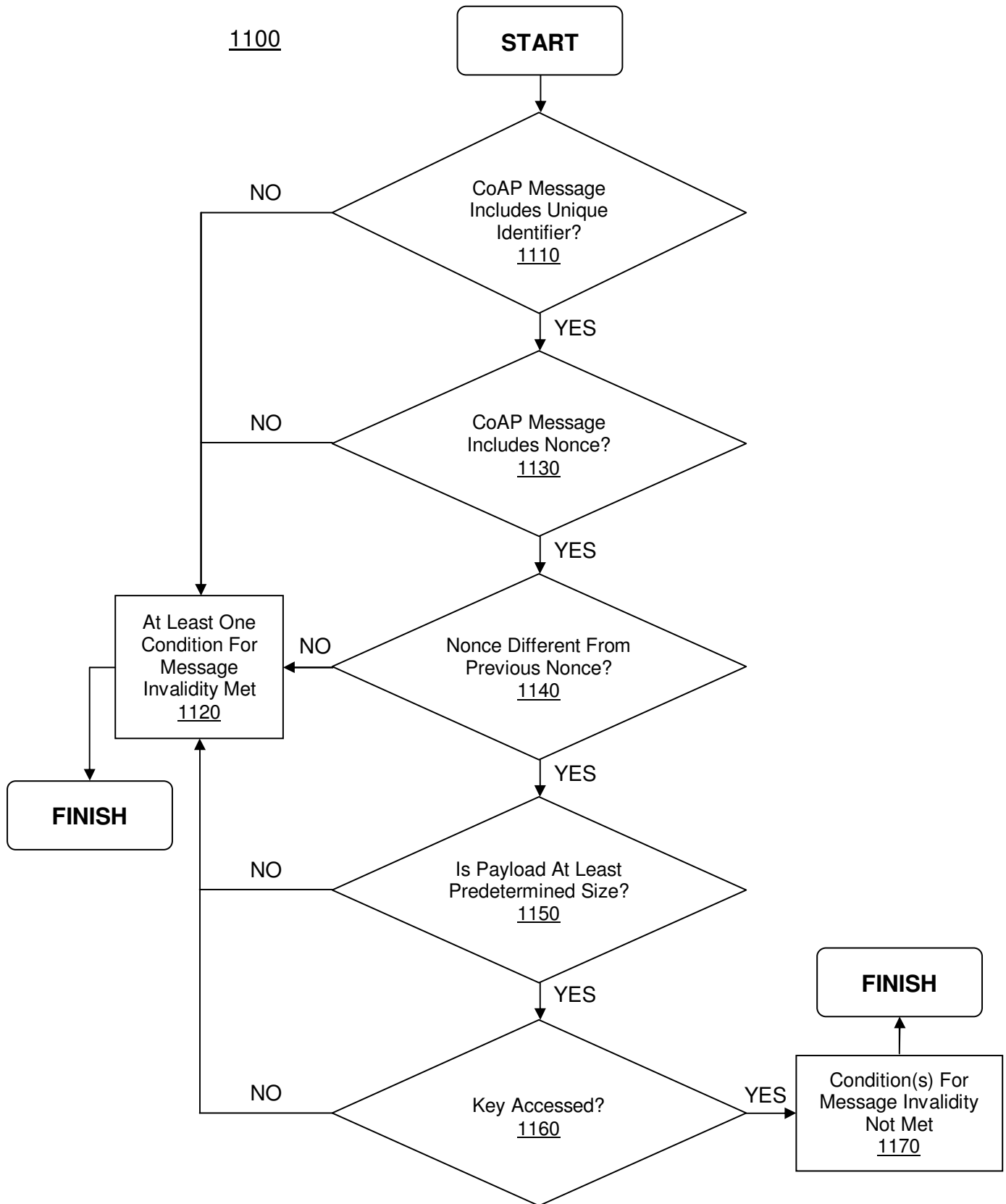
| Unique Identifier | Key   |
|-------------------|-------|
| cs110             | Key 1 |
| cs120             | Key 2 |
| cs130             | Key 3 |
| cs140             | Key 4 |

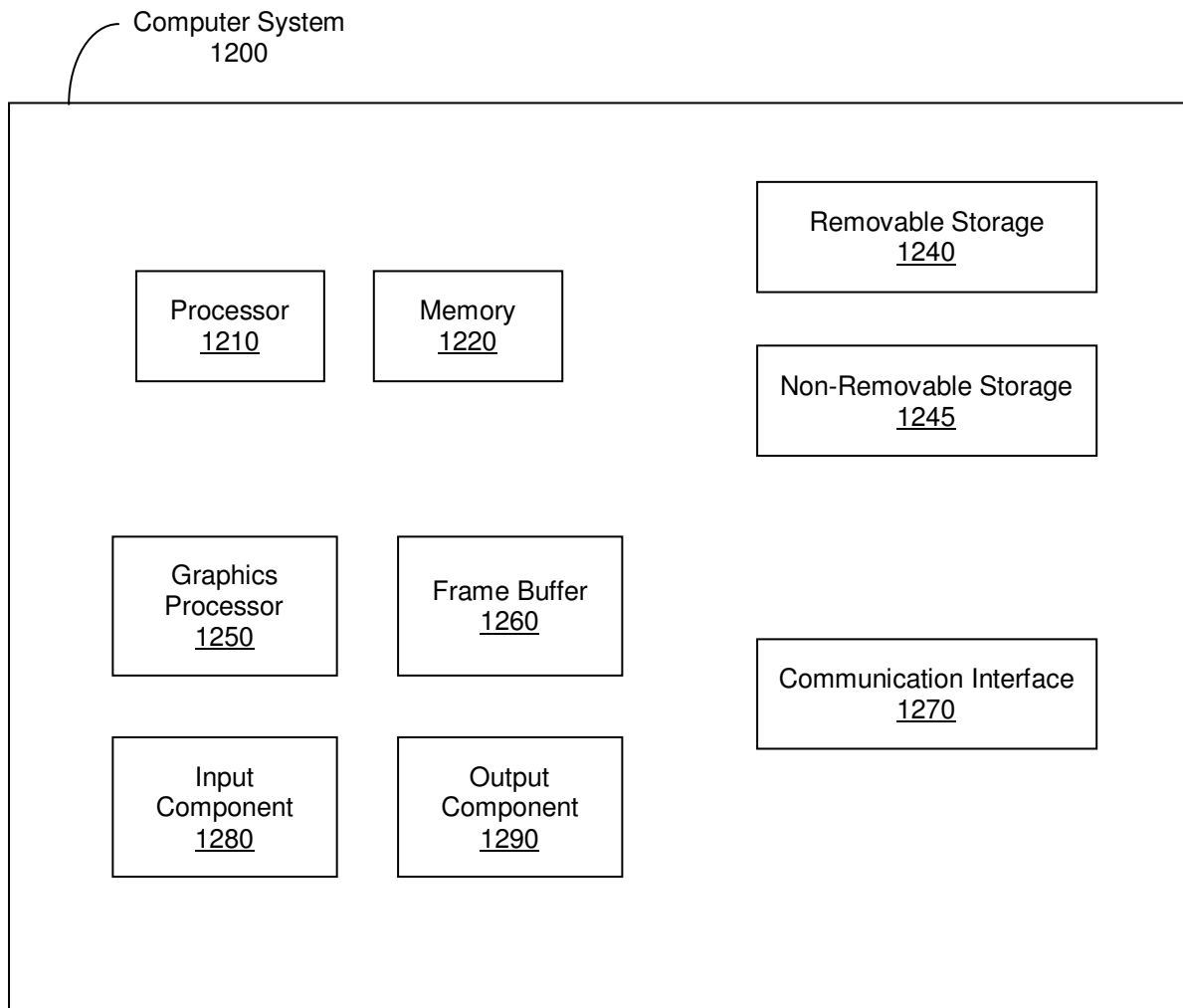
**FIGURE 7**

800**FIGURE 8**

900**FIGURE 9**

1000**FIGURE 10**

**FIGURE 11**

**FIGURE 12**