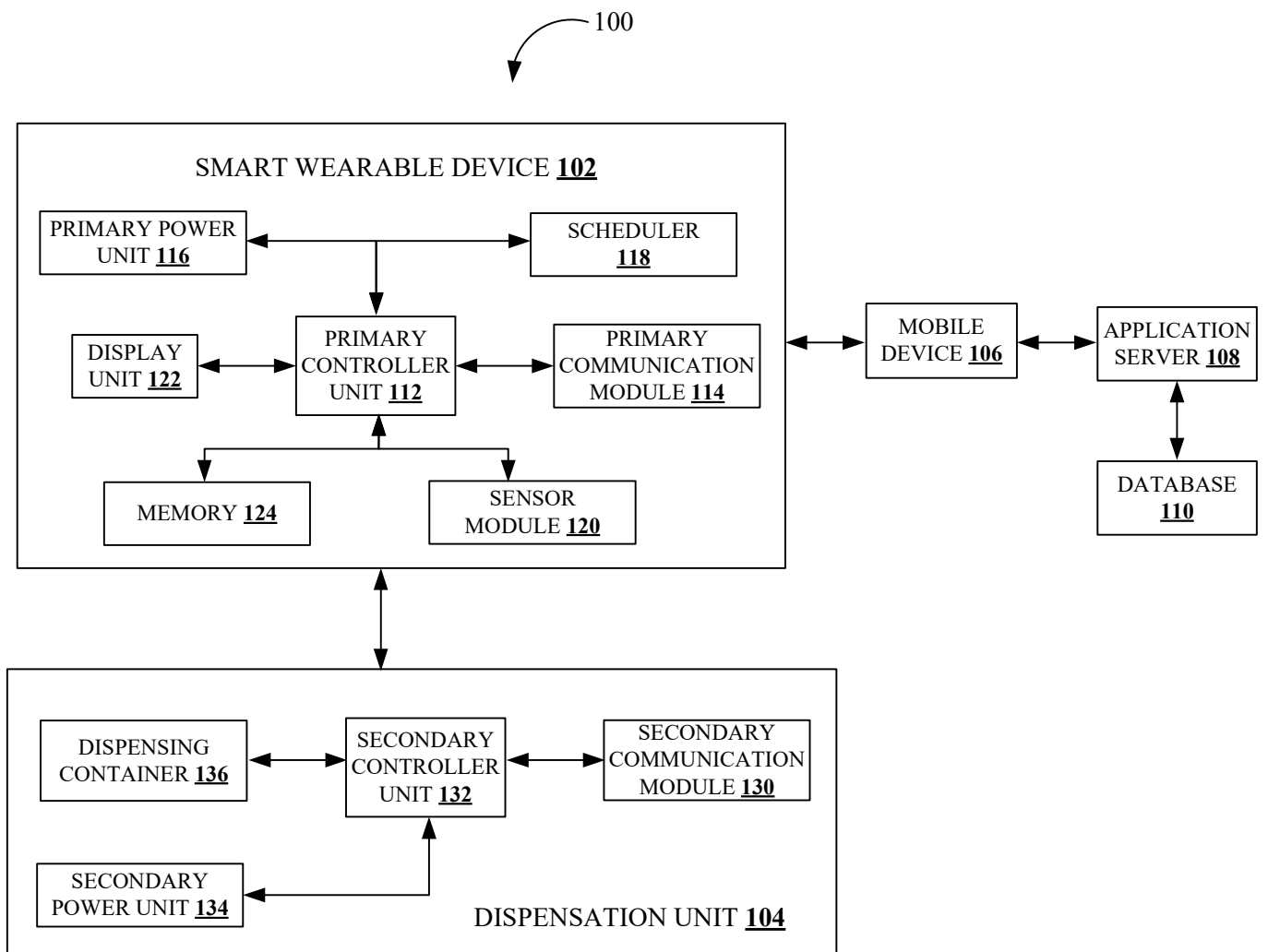
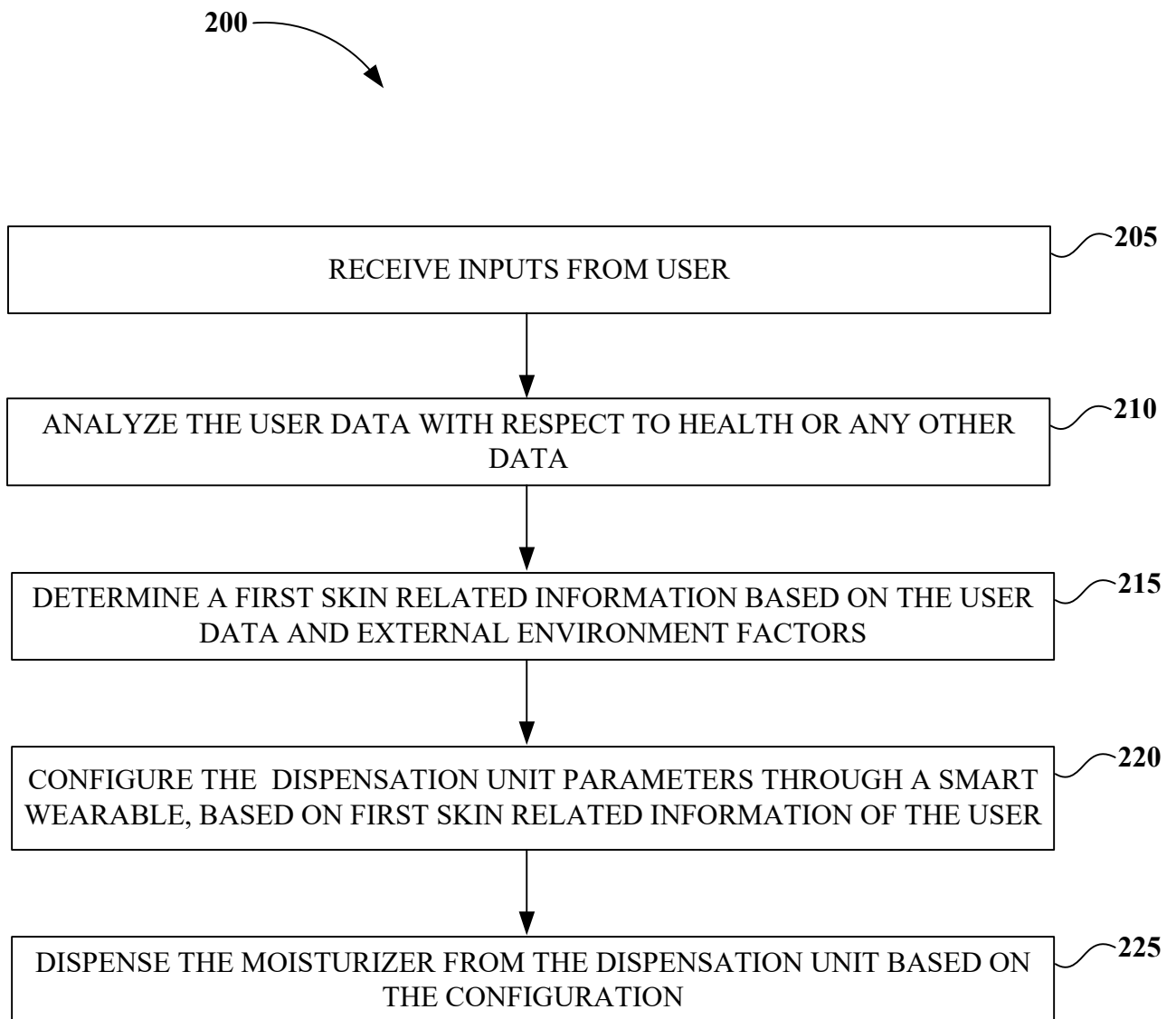
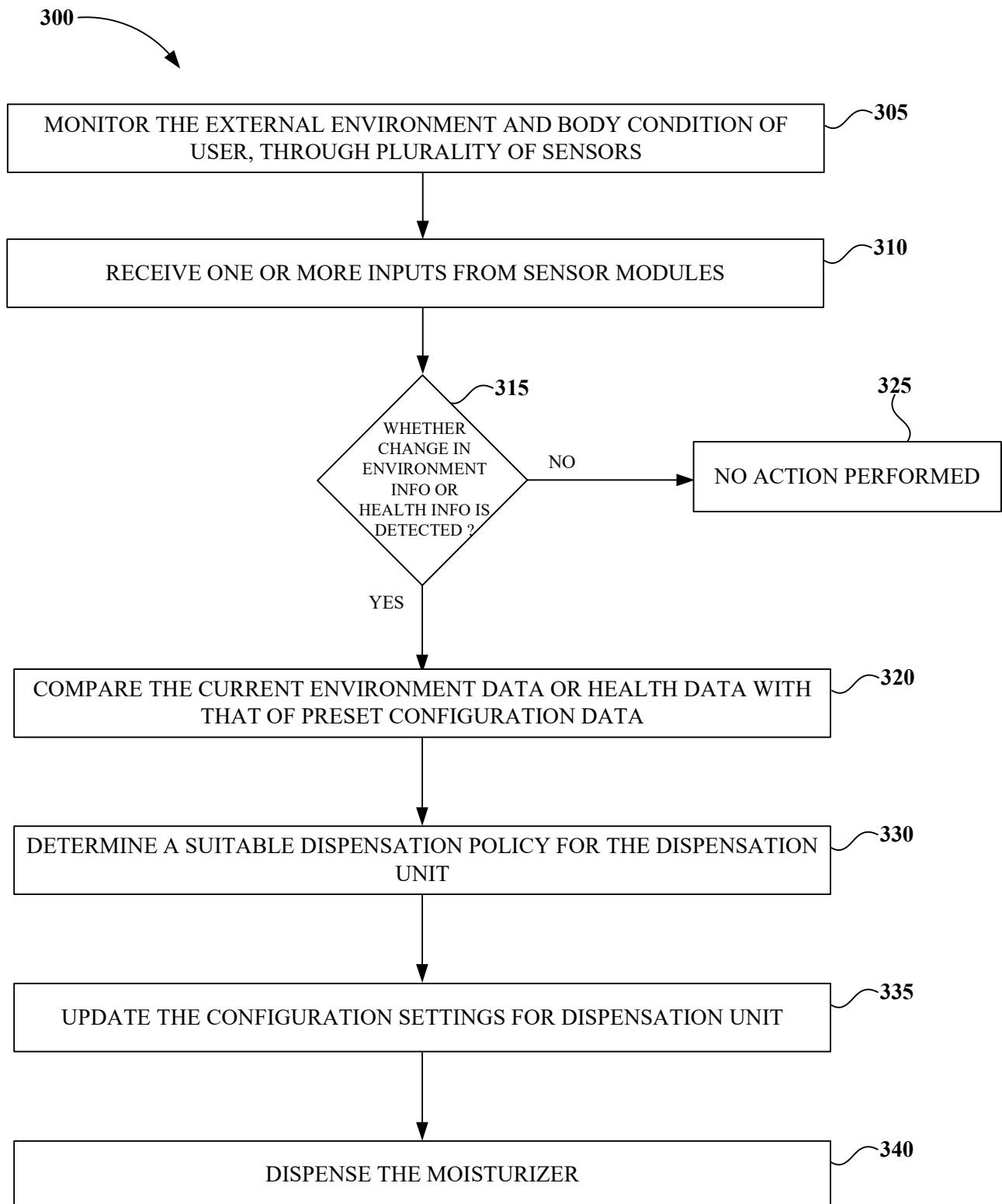




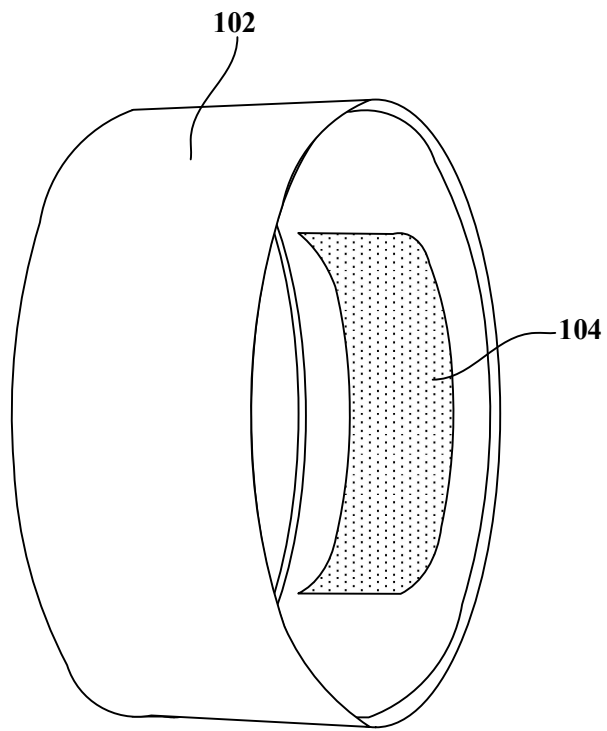
**FIGURE 1**



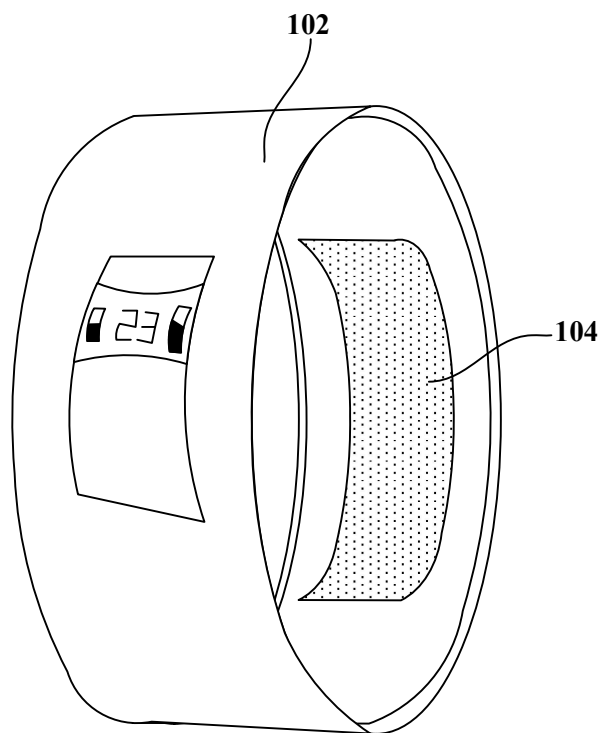
**FIGURE 2**



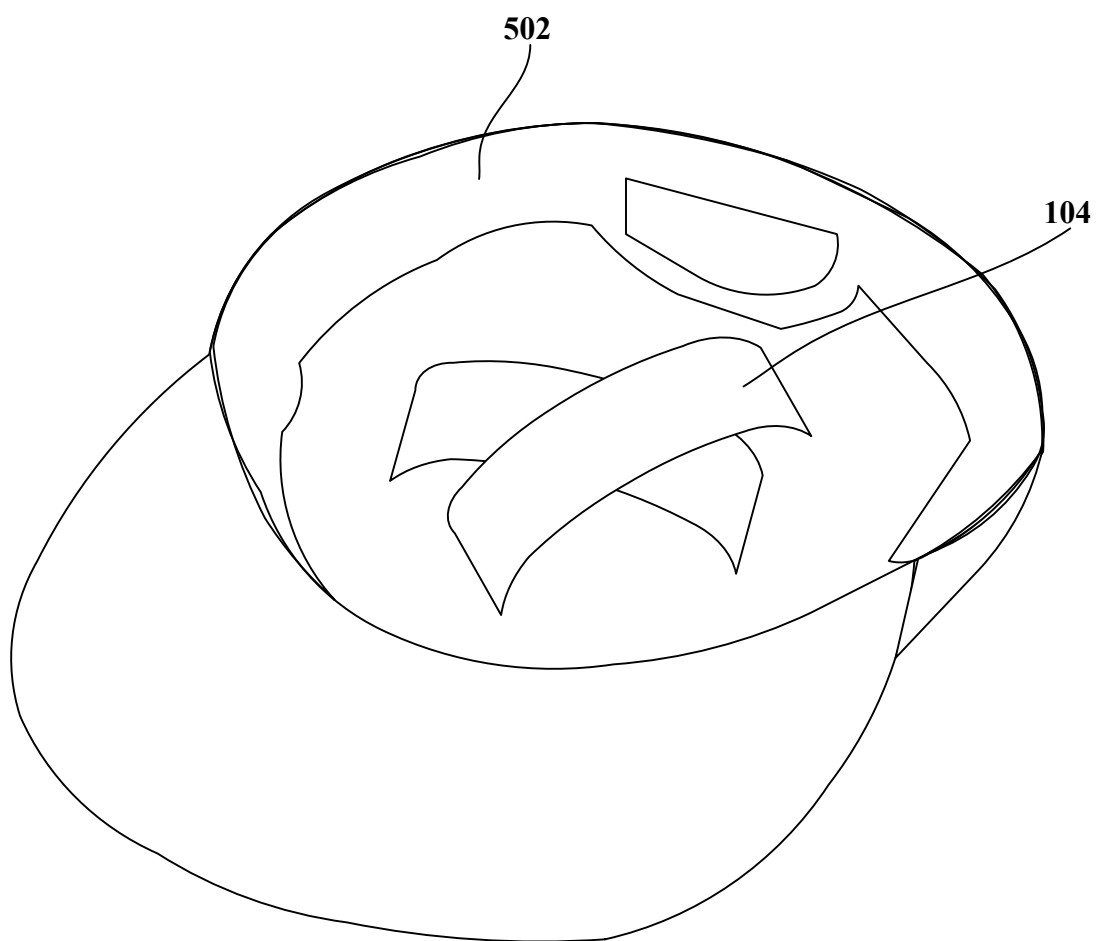
**FIGURE 3**



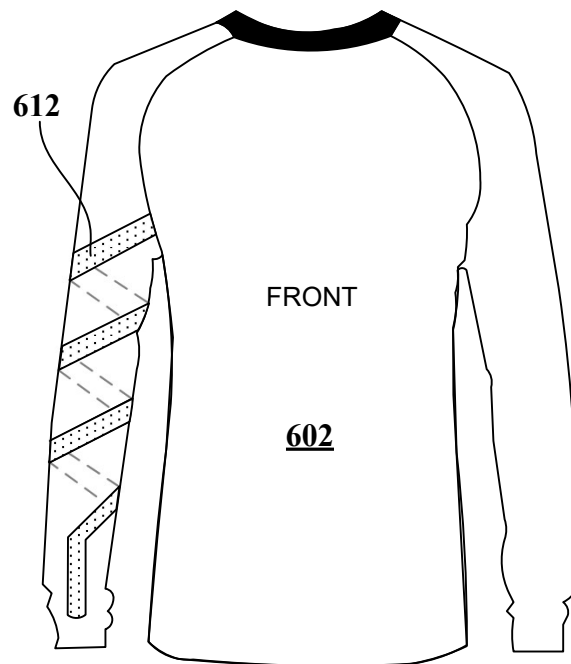
**FIGURE 4A**



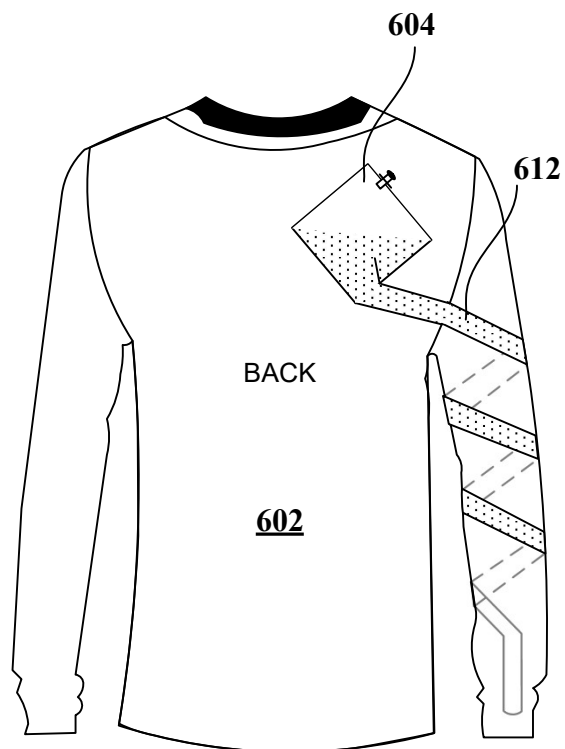
**FIGURE 4B**



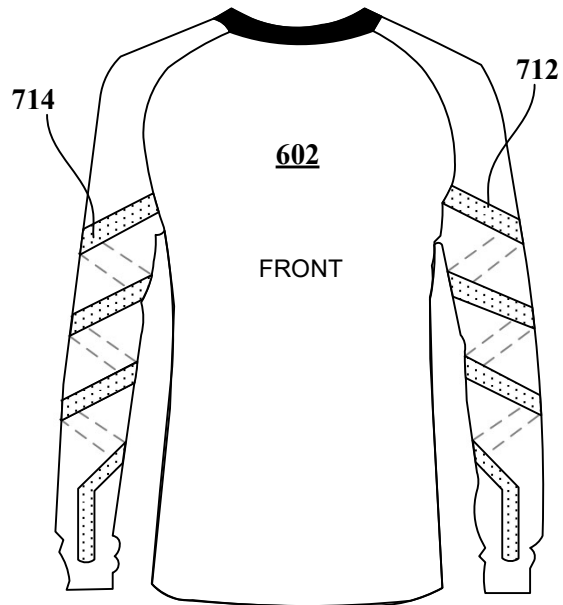
**FIGURE 5**



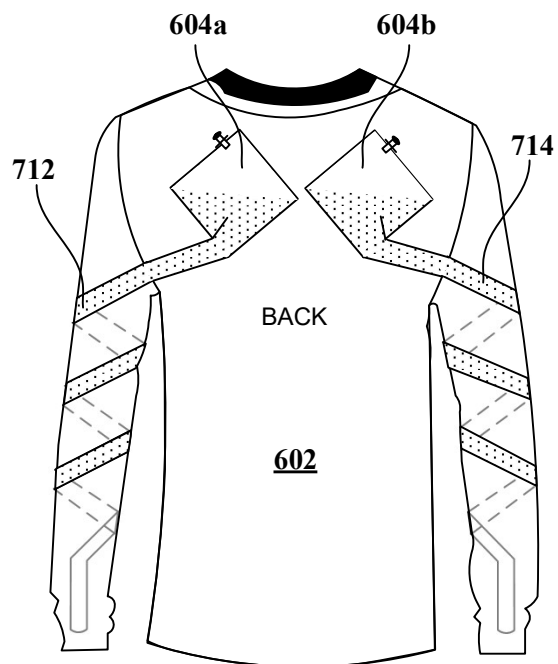
**FIGURE 6A**



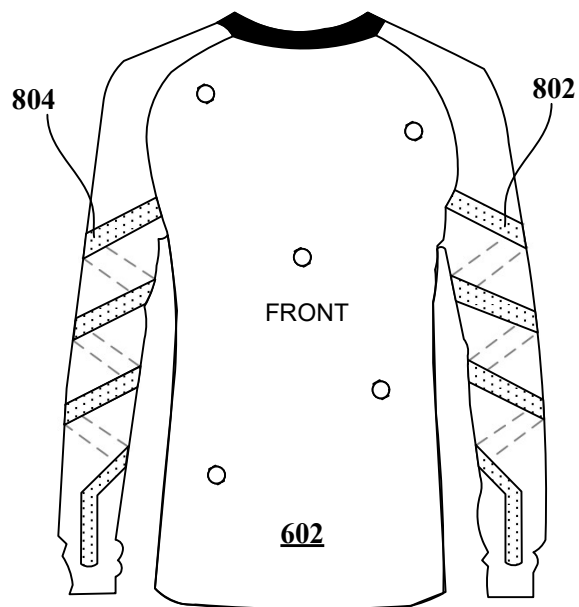
**FIGURE 6B**



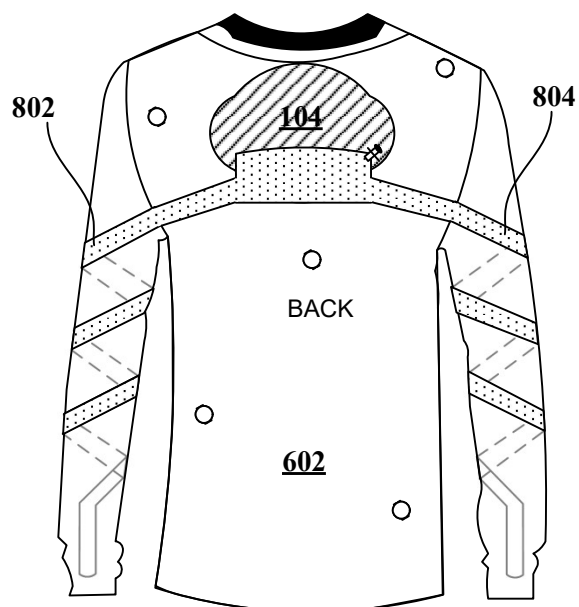
**FIGURE 7A**



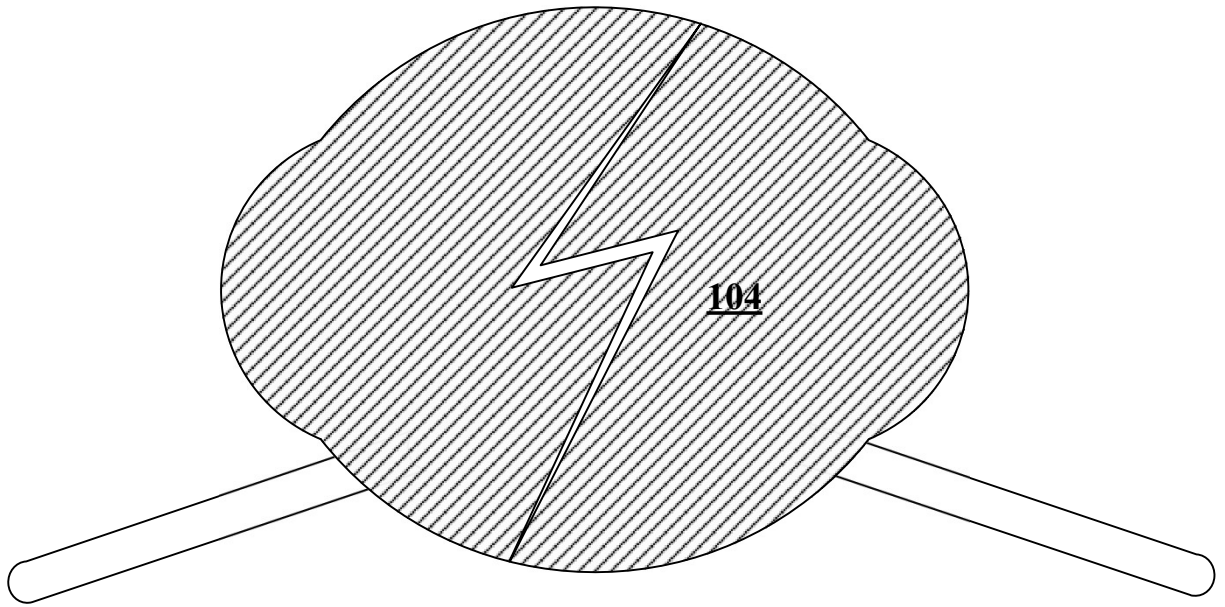
**FIGURE 7B**



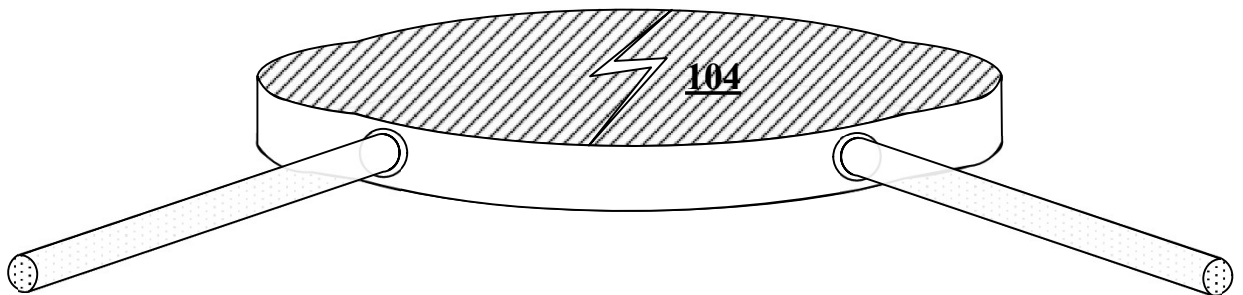
**FIGURE 8A**



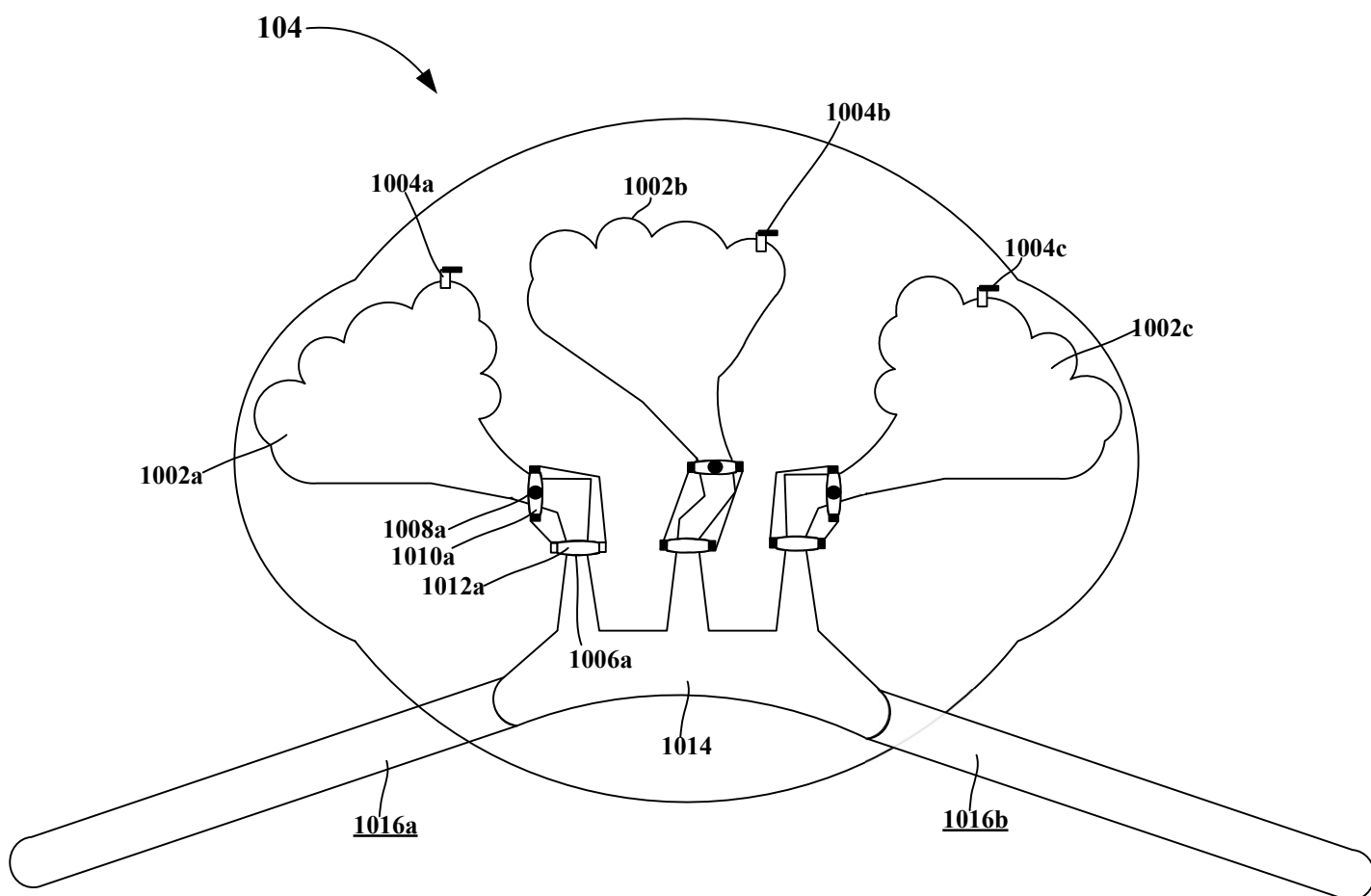
**FIGURE 8B**



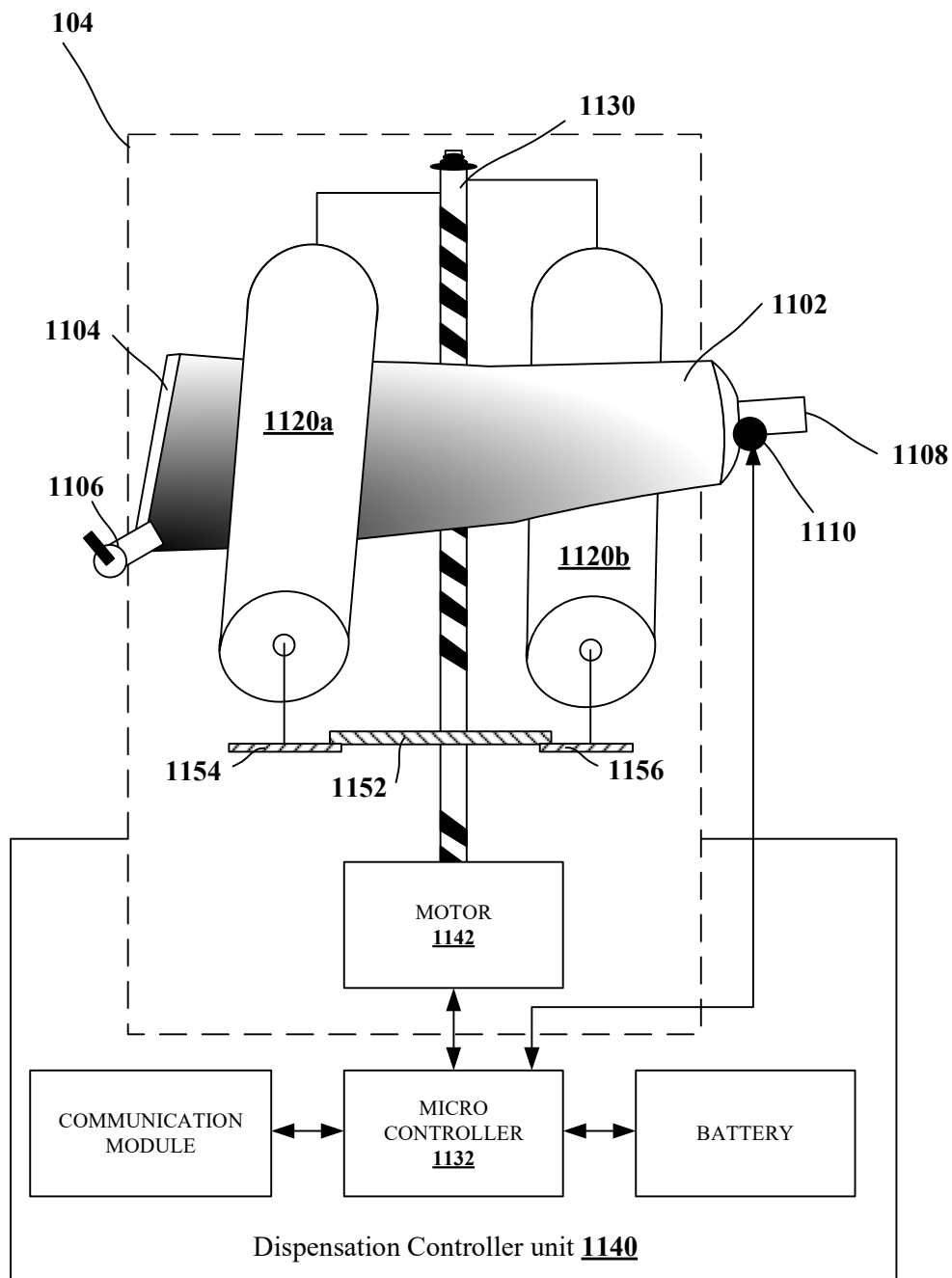
**FIGURE 9A**



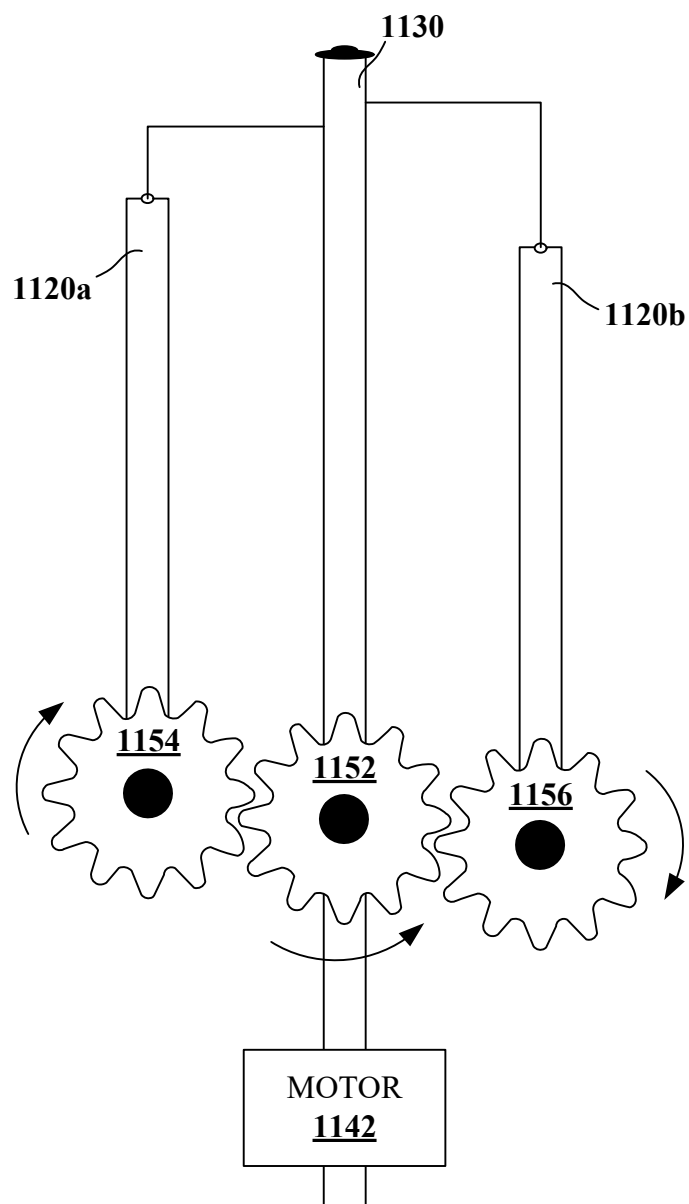
**FIGURE 9B**



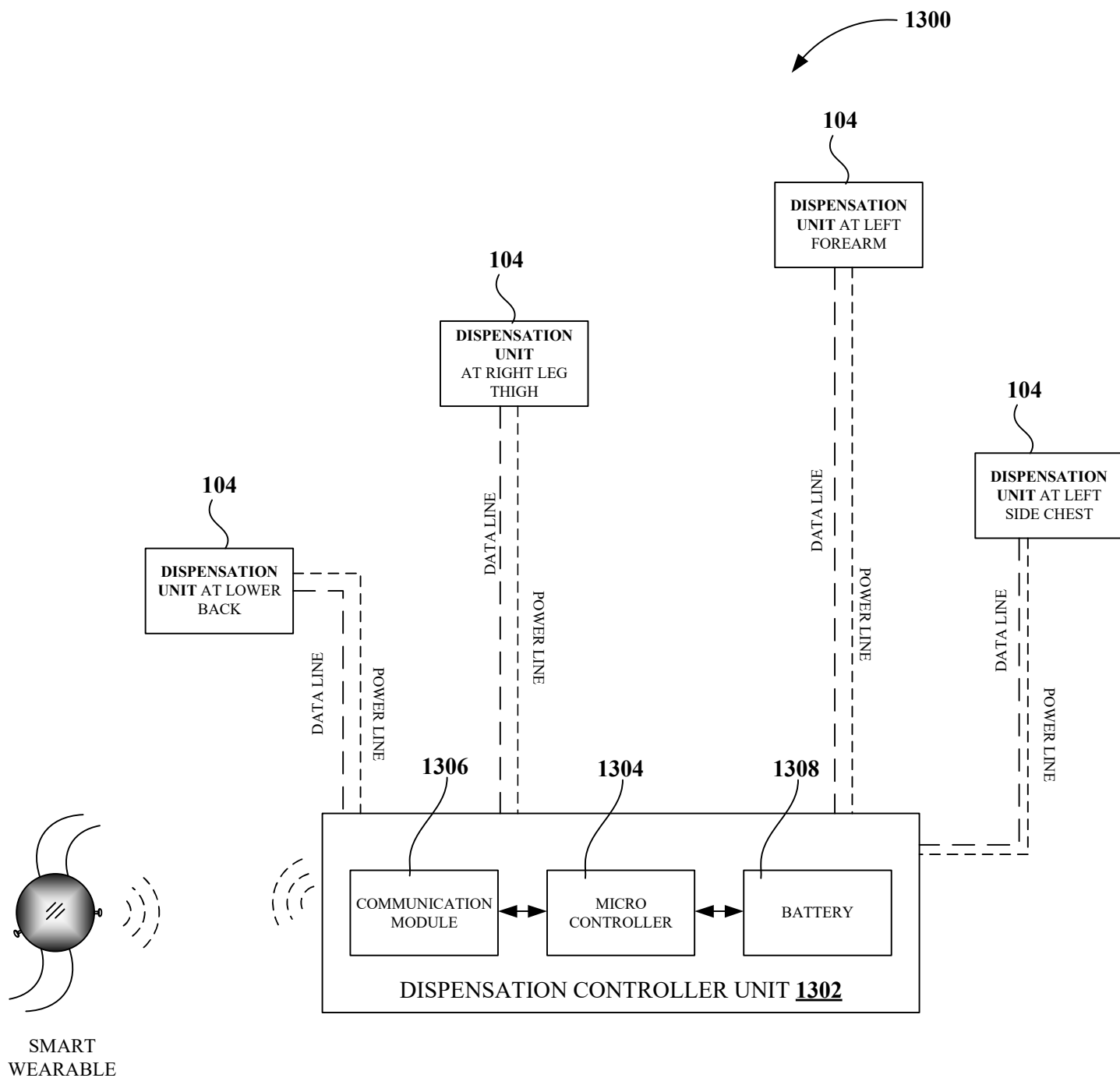
**FIGURE 10**



**FIGURE 11**



**FIGURE 12**



**FIGURE 13**

|                                                                                                                                        |                                                                                                                                                                    |                |                        |                       |
|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------|-----------------------|
| Sensor details:                                                                                                                        |                                                                                                                                                                    |                |                        |                       |
| Internal temperature sensor value (skin)                                                                                               | 32 <sup>o</sup> C                                                                                                                                                  |                |                        |                       |
| External temperature sensor value (air)                                                                                                | 35 <sup>o</sup> C                                                                                                                                                  |                |                        |                       |
| Sweat sensor value                                                                                                                     | Sensors having sensitivity of 0.039 (pF/s)/(g/m <sup>2</sup> h) and linearity of 97.9% in human sweat rate range                                                   |                |                        |                       |
| Sweat – Average thermal status value (evaporation rate)                                                                                | (32.06 ± 27.19) g/m <sup>2</sup> h                                                                                                                                 |                |                        |                       |
| Relative humidity (the ratio of the partial pressure of water vapor to the equilibrium vapor pressure of water at a given temperature) | 45%                                                                                                                                                                |                |                        |                       |
| UV radiation value (UV Index Number) /exposure                                                                                         | UV Index Number                                                                                                                                                    | Exposure level | Time to burn (minutes) | Actions to take       |
| Broad spectrum UVA/UVB                                                                                                                 | 0,1,2                                                                                                                                                              | Minimal        | 60                     | Apply SPF15           |
|                                                                                                                                        | 3,4                                                                                                                                                                | Low            | 45                     | Apply SPF15           |
|                                                                                                                                        | 5,6                                                                                                                                                                | Moderate       | 30                     | Apply SPF15 or SPF20  |
|                                                                                                                                        | 7,8,9                                                                                                                                                              | High           | 15-25                  | Apply SPF15 or SPF30  |
|                                                                                                                                        | 10 or higher                                                                                                                                                       | Very high      | 10                     | Apply SPF30 or higher |
| Sun protection factor (SPF)                                                                                                            | SPF15, SPF20, SPF30, SPF50                                                                                                                                         |                |                        |                       |
| Choosing between different moisturizer/sun screen having different SPF                                                                 | SPF 30 is the most common level for most people and skin types.<br>SPF 15 blocks 93% of UVB rays, SPF 30 blocks 97% of UVB rays and SPF 50 blocks 98% of UVB rays. |                |                        |                       |
| Indication to apply                                                                                                                    | Before 15 minutes before sun exposure                                                                                                                              |                |                        |                       |
| Application quantity of Moisturizer (normal condition)                                                                                 | 2.5 ml for face alone<br>5 ml for whole body                                                                                                                       |                |                        |                       |
|                                                                                                                                        |                                                                                                                                                                    |                |                        |                       |
| Body skin details:                                                                                                                     |                                                                                                                                                                    |                |                        |                       |
| Skin type                                                                                                                              | Normal skin, a dry skin, an oily skin, a sensitive skin                                                                                                            |                |                        |                       |
| Skin tone/complexion                                                                                                                   | light, fair, medium, olive, brown and black                                                                                                                        |                |                        |                       |
| Other Skin related information/diseases                                                                                                | Redness of skin, burning of affected areas, tightness of skin, itching and peeling of skin, dehydration, Psoriasis                                                 |                |                        |                       |
| Moisturizer application areas                                                                                                          | Face, head, hands, legs or any other parts of the body                                                                                                             |                |                        |                       |

FIGURE 14A

|                                                                        |                                              |
|------------------------------------------------------------------------|----------------------------------------------|
| <b>Location (GPS)</b>                                                  | N 12° 54' 31.489" E 77° 39' 6.861" Bangalore |
| <b>Internal Temperature</b>                                            | 35°C                                         |
| <b>External Temperature</b>                                            | 39°C                                         |
| <b>Evaporation rate</b>                                                | 42 g/m <sup>2</sup> h                        |
| <b>UV index</b>                                                        | 6                                            |
| <b>User skin type</b>                                                  | Normal skin                                  |
| <b>User skin complexion</b>                                            | Medium                                       |
| <b>Age</b>                                                             | 33                                           |
| <b>Gender</b>                                                          | Female                                       |
| <b>Other skin related information</b>                                  | Dehydration reported by user                 |
| <b>Moisturizer application area – selected by user for dehydration</b> | Face, hands                                  |
| <b>Option selected by user</b>                                         | face (3 times)<br>hand (2 times)             |

FIGURE 14B

|                                                                                                                   |                                                         |
|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| <b>Total number of containers in dispensation unit</b>                                                            | 3 (CNT_001, CNT_002 & CNT_003)                          |
| <b>Selected container for dispensation</b>                                                                        | 1 (CNT_002)                                             |
| <b>Container outlet size (CNT_002)</b>                                                                            | 1cm                                                     |
| <b>Battery charge for one rotation of first gear</b>                                                              | 3mAh                                                    |
| <b>The number of times first gear to be rotated</b>                                                               | 2                                                       |
| <b>Suggested SPF</b>                                                                                              | SPF20                                                   |
| <b>Suggested lotion</b>                                                                                           | Aloe Vera sunscreen gel                                 |
| <b>Total quantity to dispense for face</b>                                                                        | 7.5ml                                                   |
| <b>Total quantity to dispense for hand</b>                                                                        | 10ml                                                    |
| <b>Quantity to dispense (for face) every time</b>                                                                 | 2.5ml                                                   |
| <b>Quantity to dispense (for hand) every time</b>                                                                 | 5ml                                                     |
| <b>Time set by the system for automatic dispensation (depending on weather conditions &amp; location of user)</b> | For face: 10AM, 2PM & 5:30PM<br>For Hand: 11AM & 3:30PM |

FIGURE 14C