

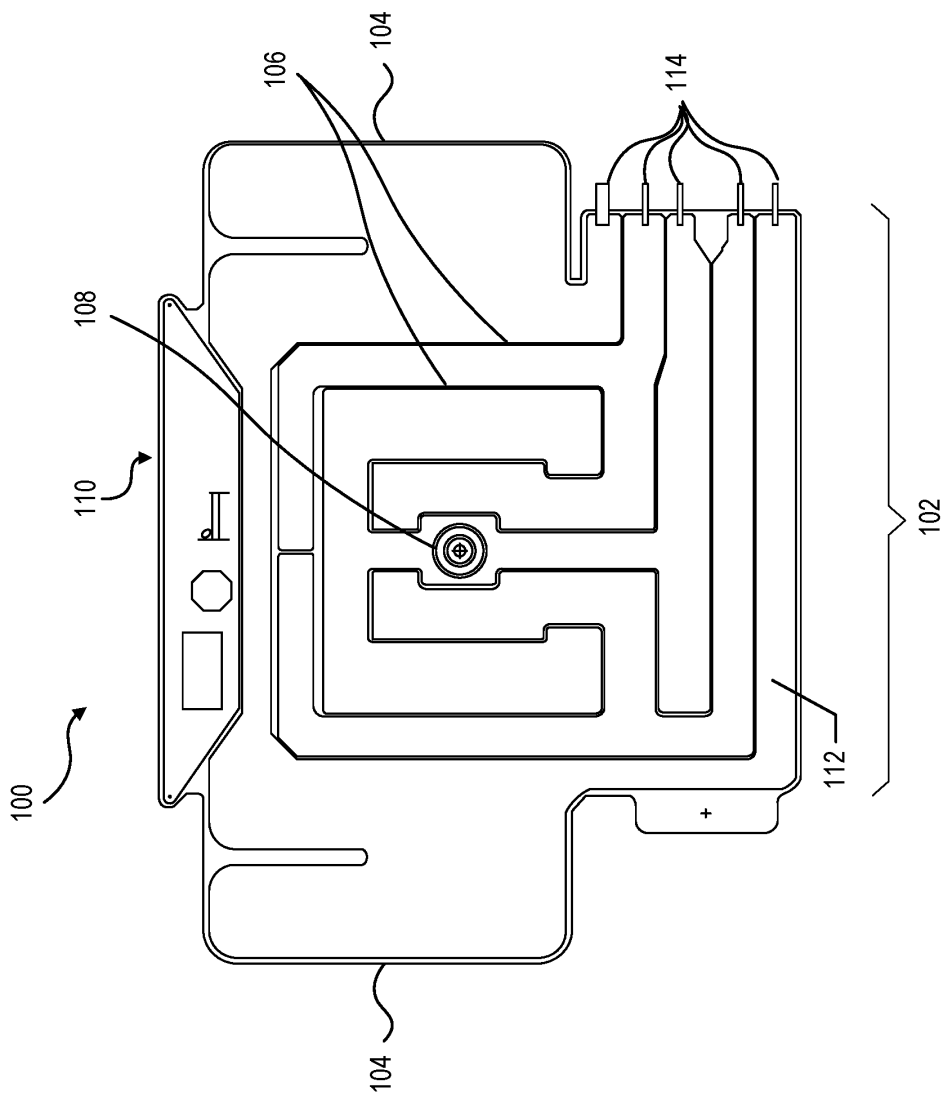


FIGURE 1A

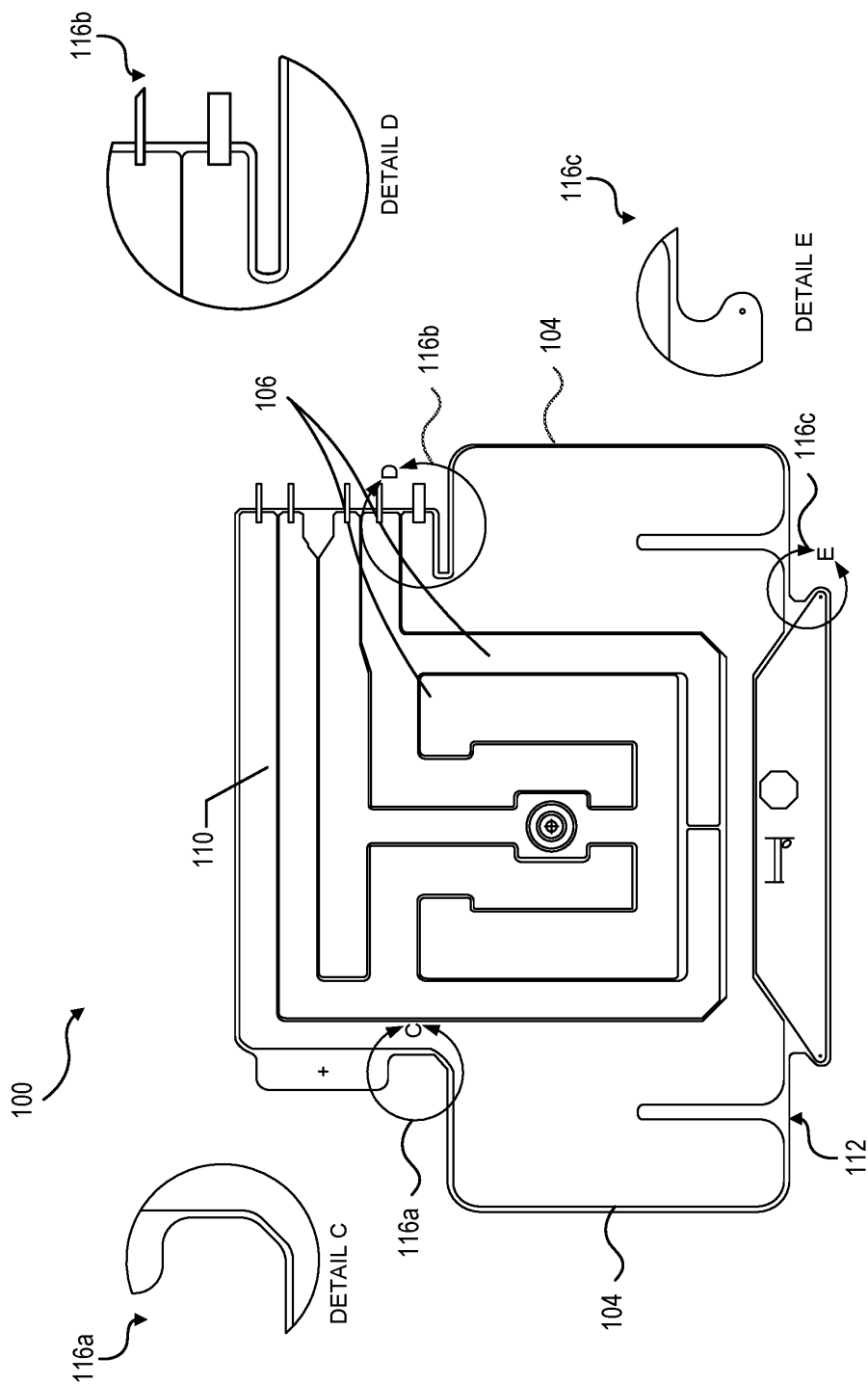
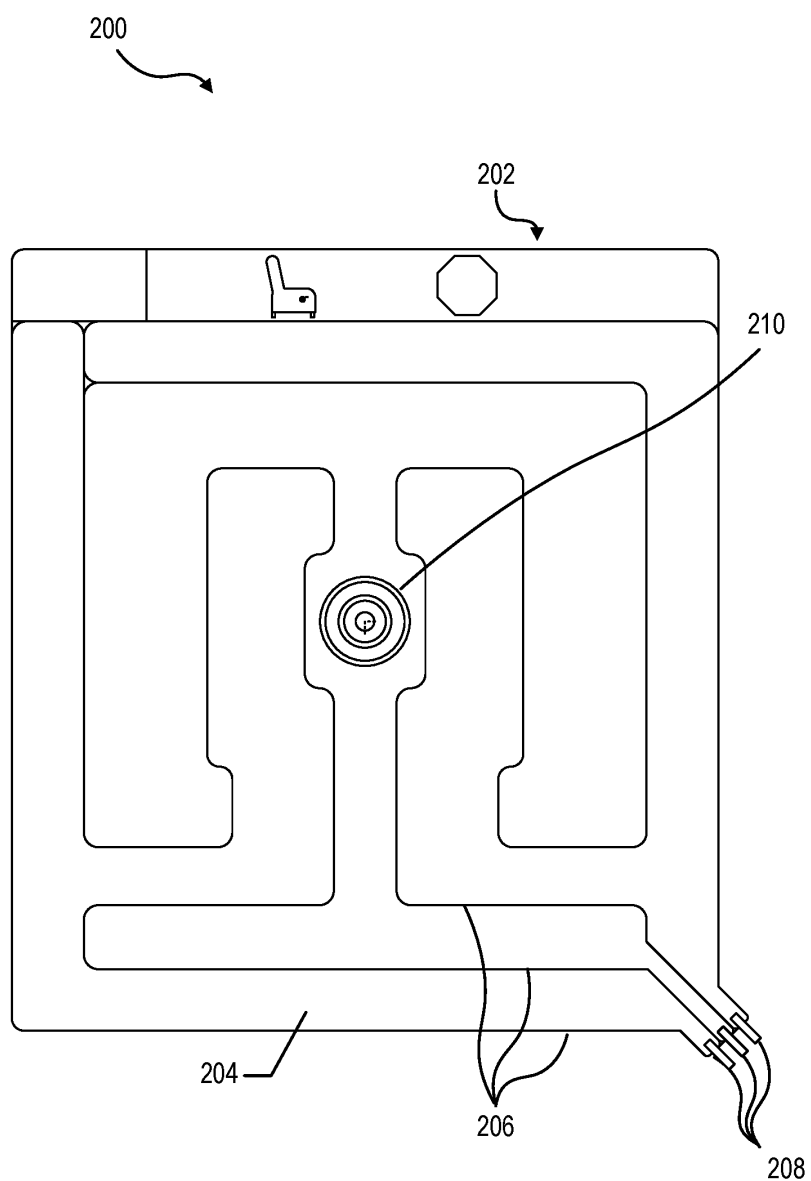


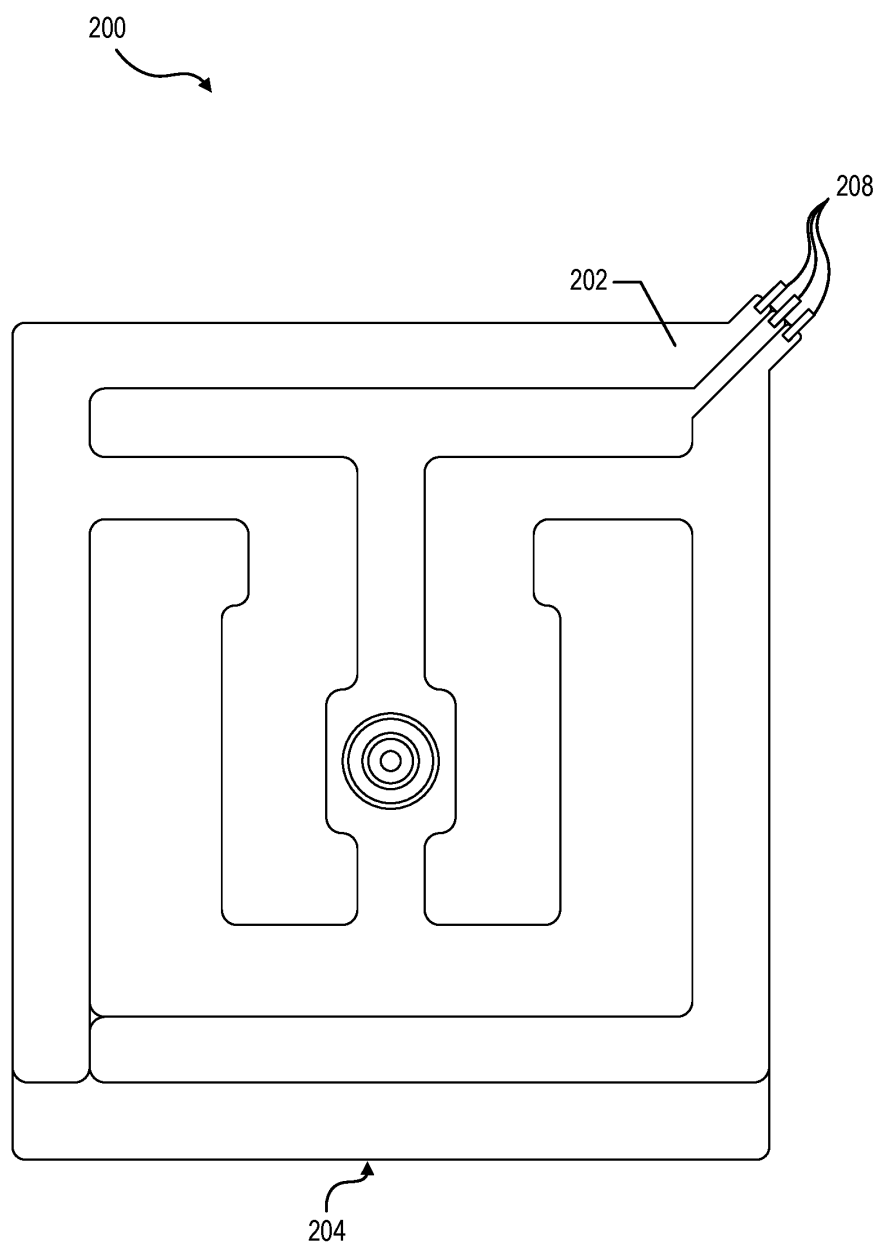
FIGURE 1B

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**FIGURE 2A**

SUBSTITUTE SHEET (RULE 26)

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**FIGURE 2B**

SUBSTITUTE SHEET (RULE 26)

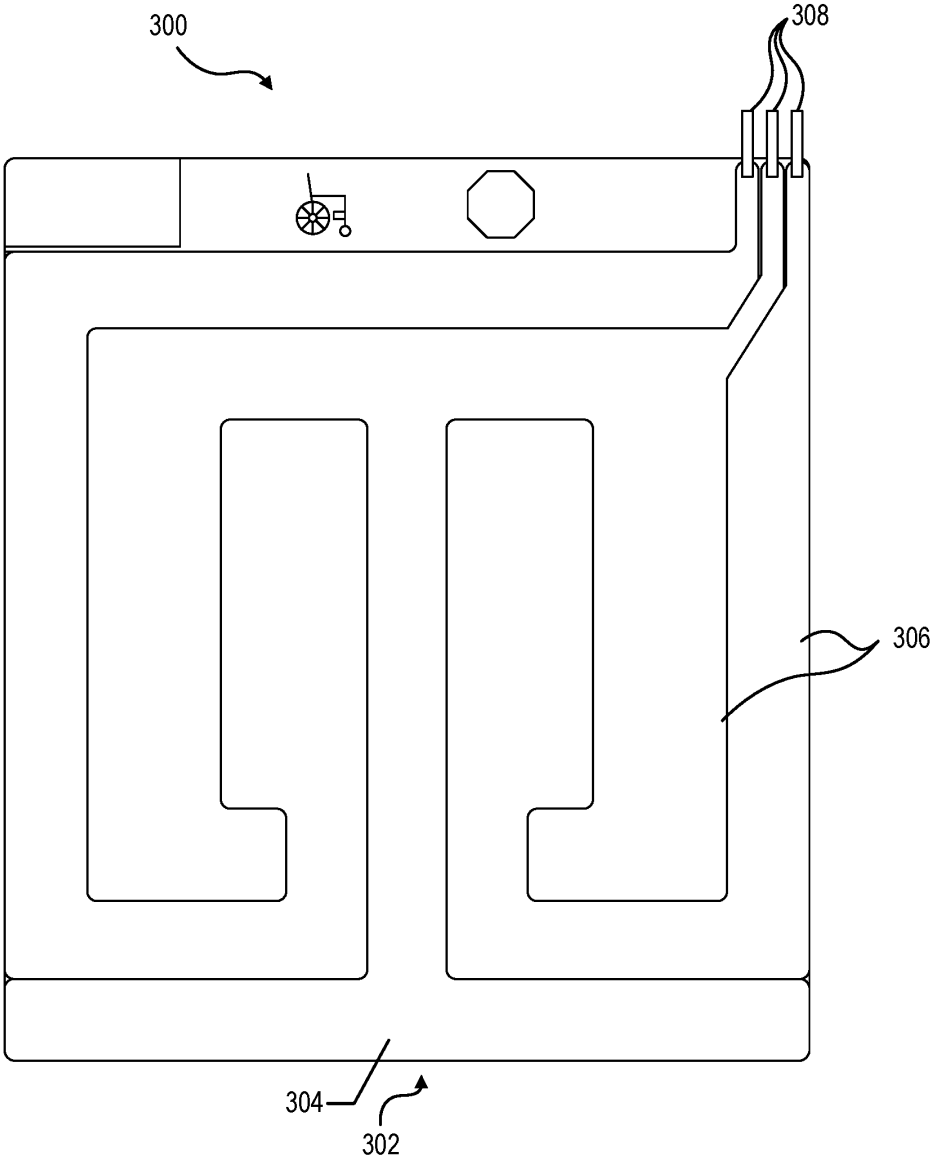
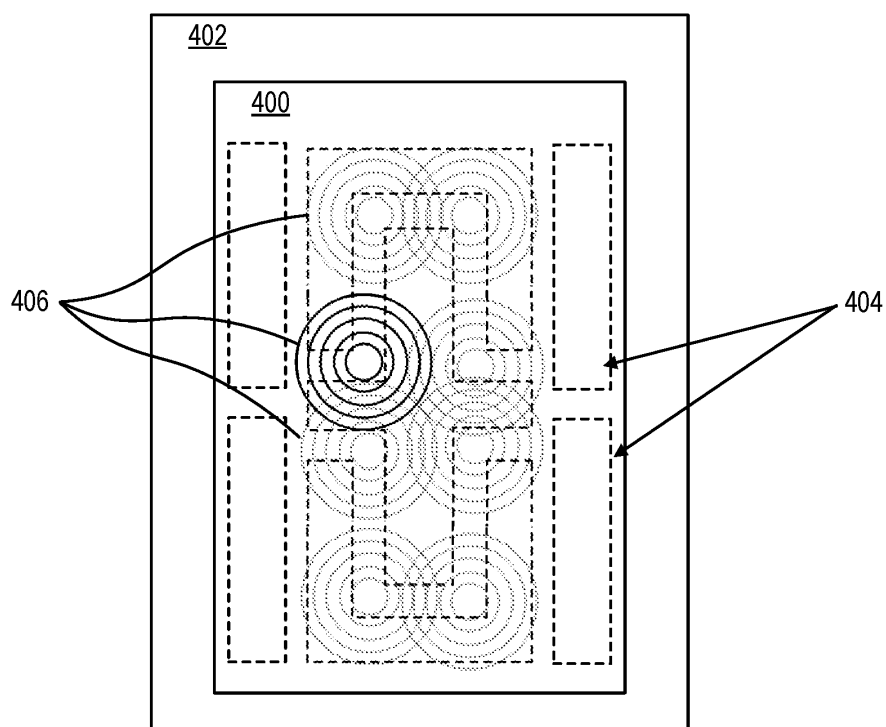


FIGURE 3

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**FIGURE 4**

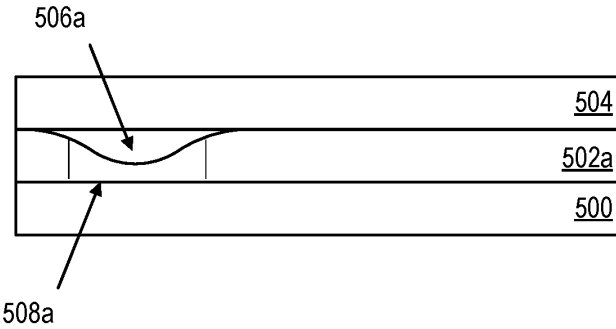


FIGURE 5A

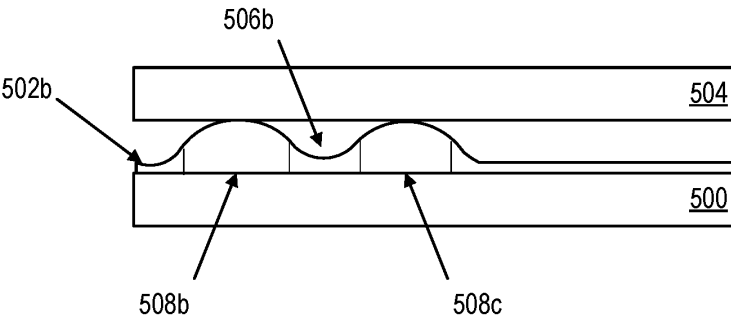


FIGURE 5B

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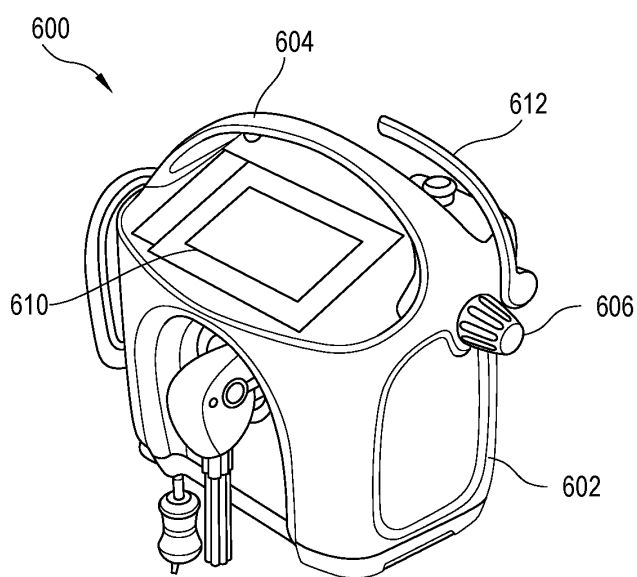


FIGURE 6A

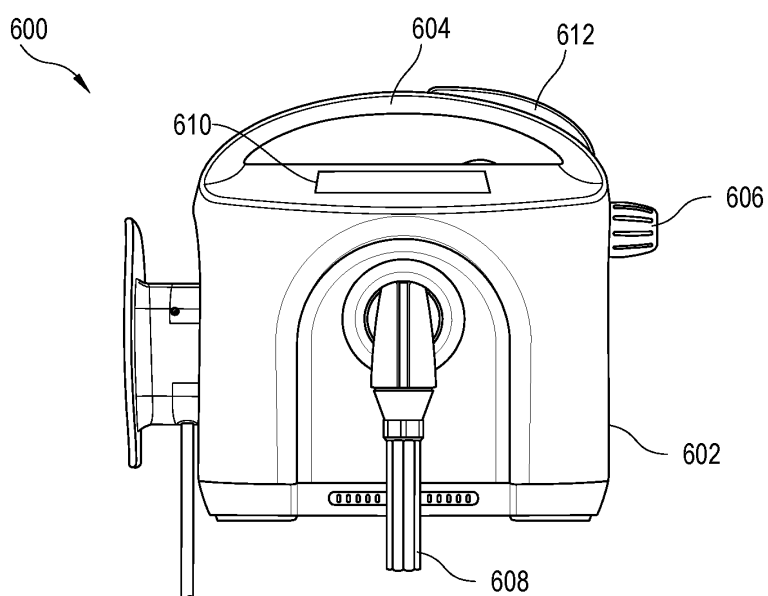
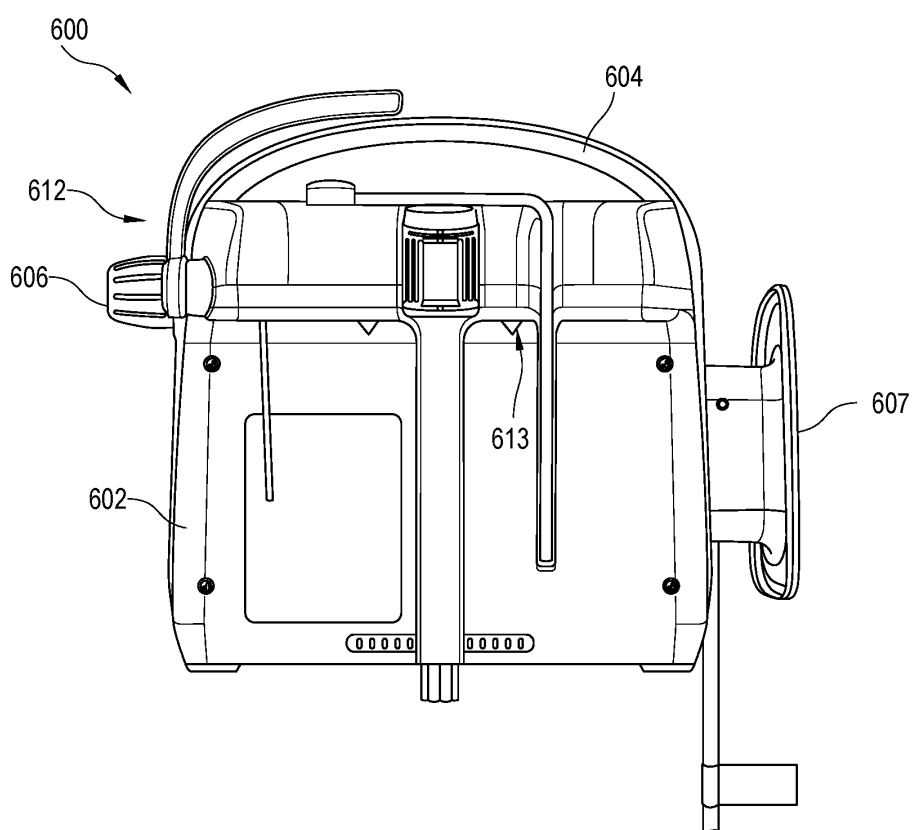


FIGURE 6B

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**FIGURE 6C**

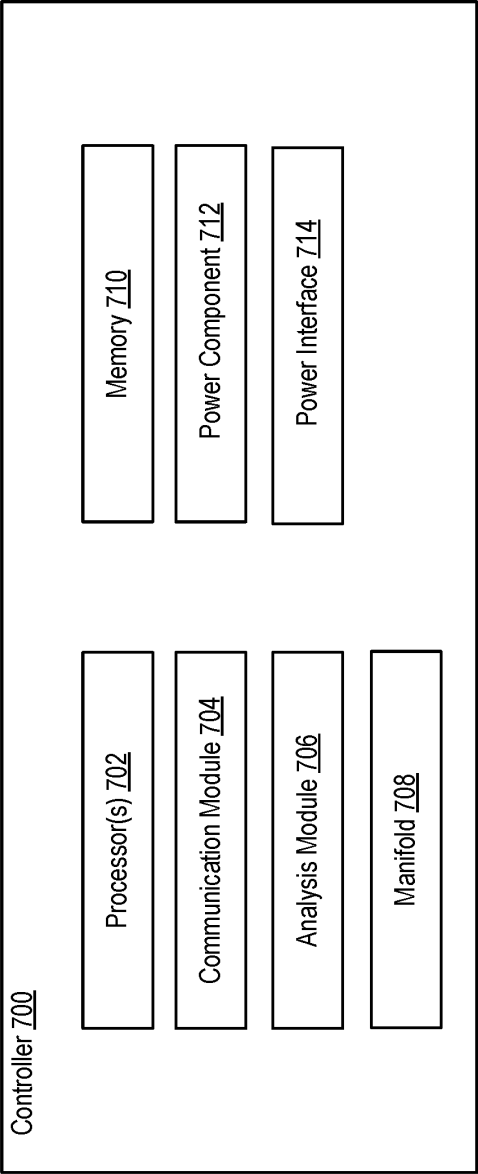


FIGURE 7

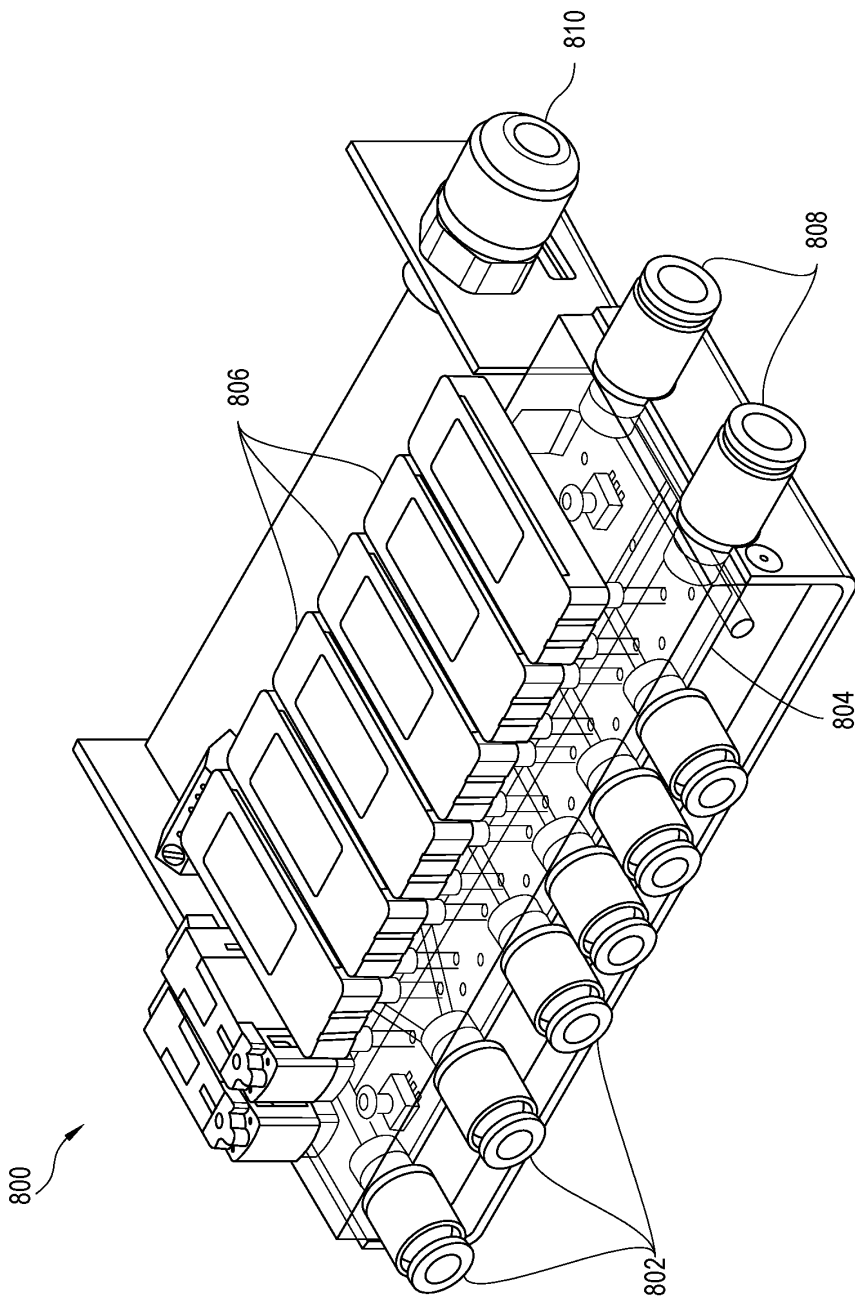


FIGURE 8

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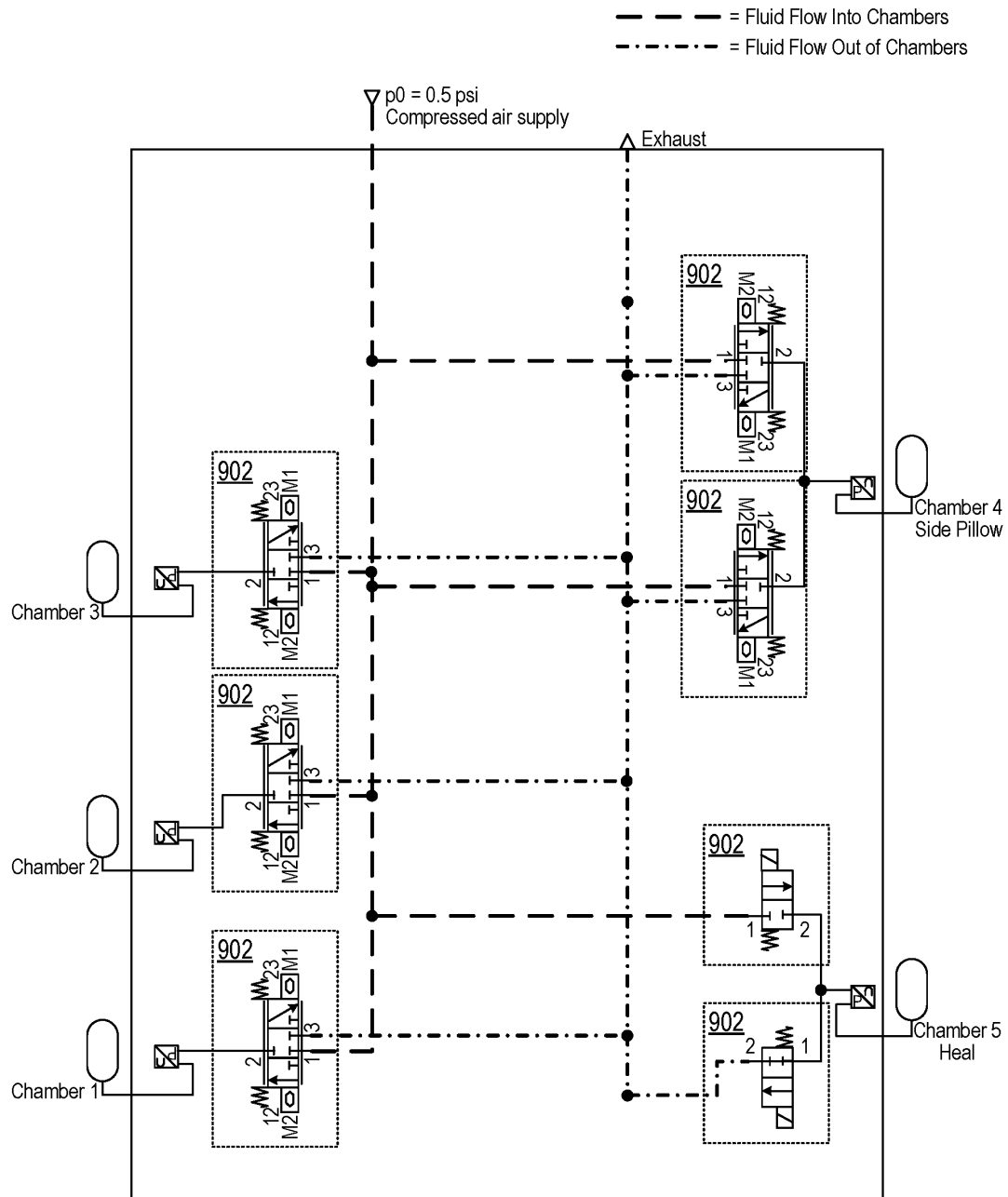


FIGURE 9

SUBSTITUTE SHEET (RULE 26)

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1100

1101

Determine that a pressure-mitigation apparatus has been connected to a controller

1102

Identify a pattern corresponding to the pressure-mitigation apparatus

1103

Cause chambers of the pressure-mitigation apparatus to be inflated in accordance with the pattern

1104

Receive input indicative of a request to initiate a deflation procedure

1105

Cause deflation of a chamber, a side support, or any combination thereof

FIGURE 10

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1200

1201

Determine that a pressure-mitigation apparatus has been connected to a controller

1202

Identify a pattern corresponding to the pressure-mitigation apparatus

1203

Cause chambers of the pressure-mitigation apparatus to be inflated in accordance with the pattern

1204

Acquire pressure data representative of the values of electrical signals generated by transducer(s) mounted in the controller

1205

Examine the pressure data to identify movement(s) of the human body under which the pressure-mitigation apparatus is positioned

1206

Estimate a characteristic of the human body based on the pressure data, the movement(s), or any combination thereof

FIGURE 11

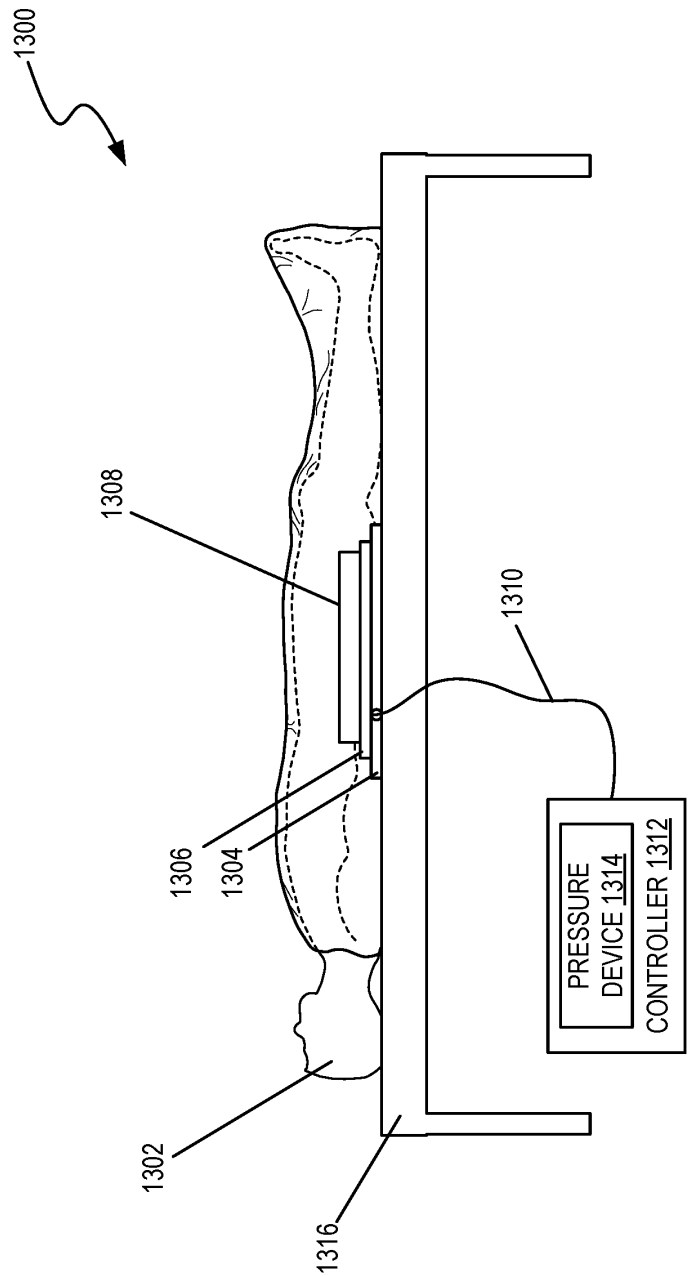


FIGURE 12

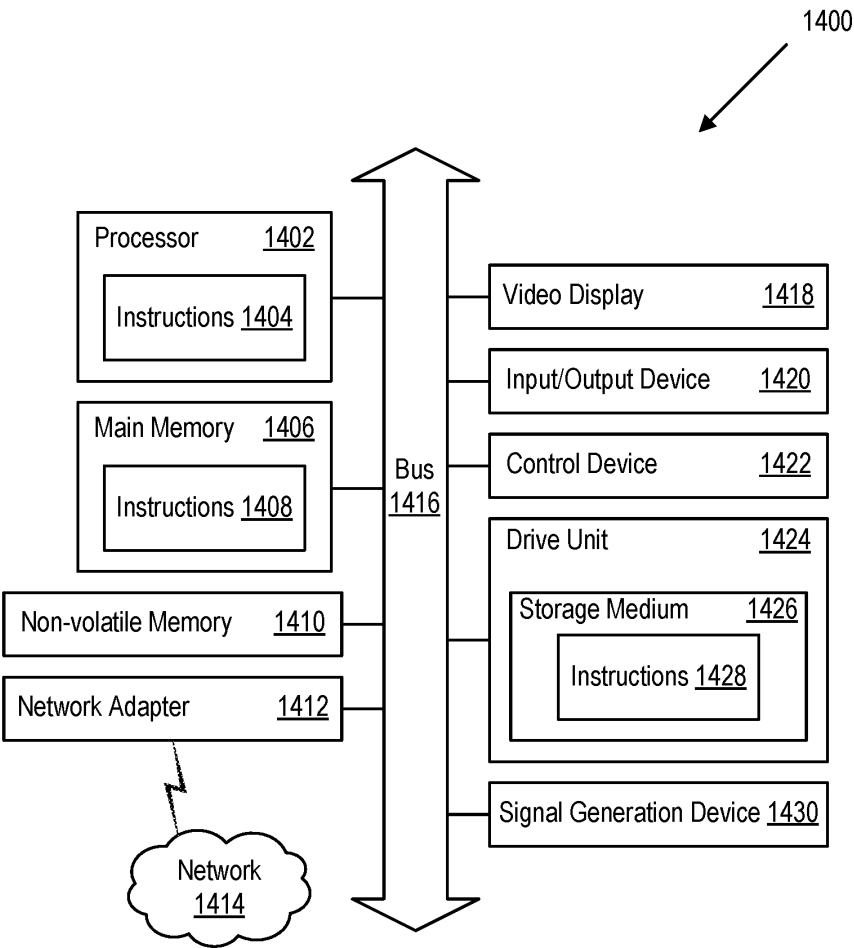


FIGURE 13