

1/7

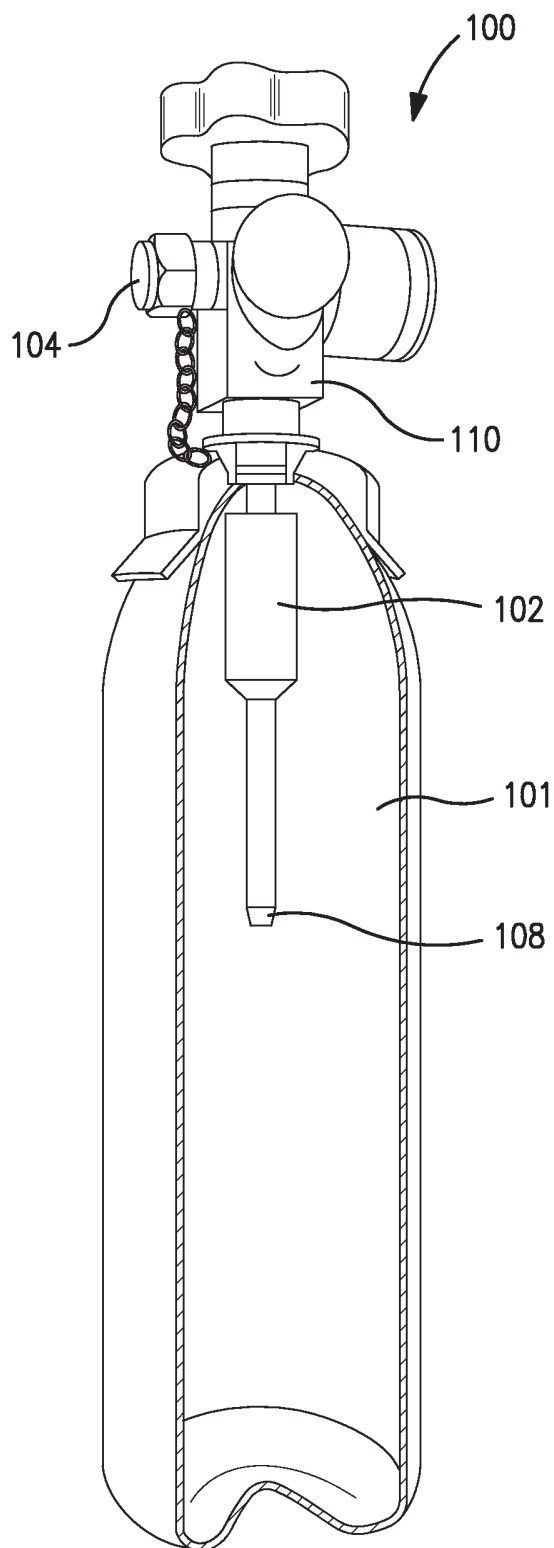
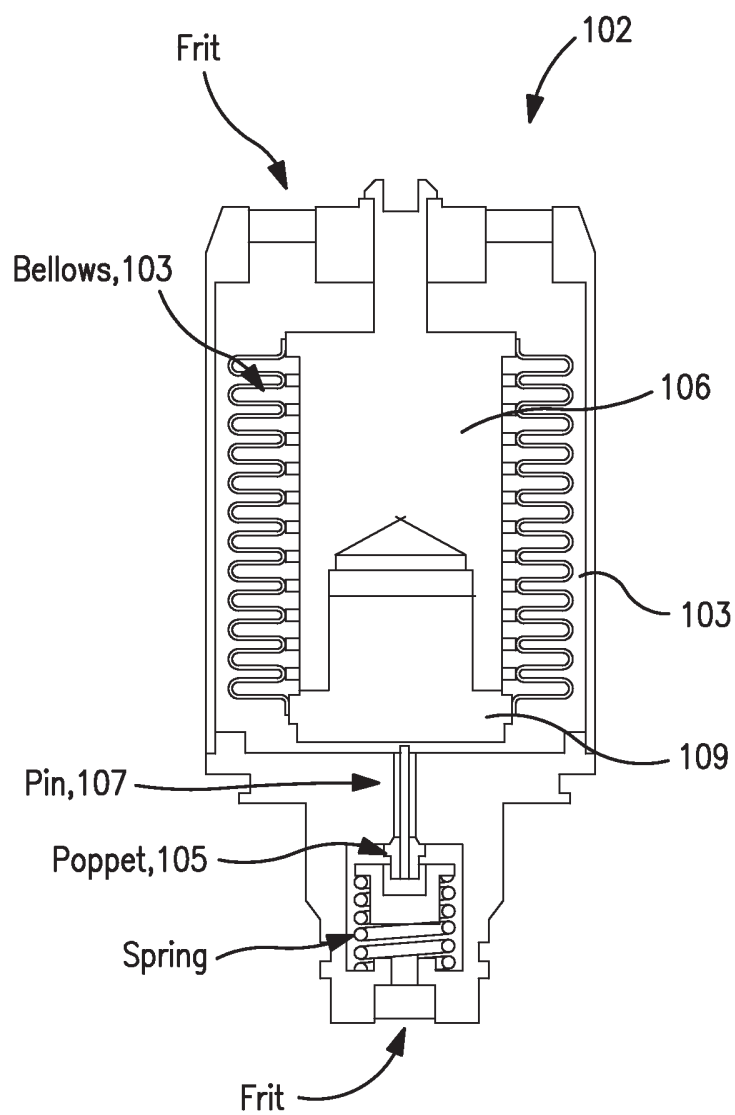


FIG. 1A

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**FIG. 1B**

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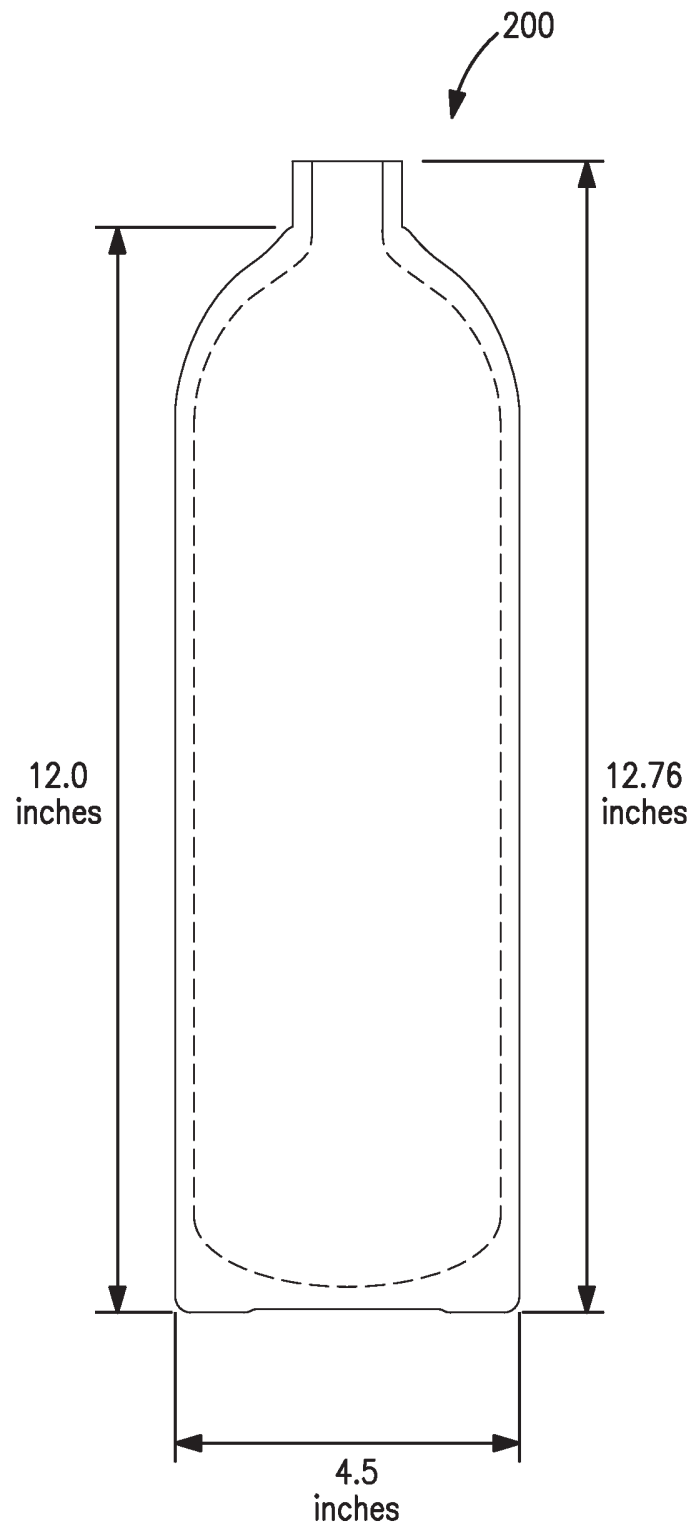


FIG. 2

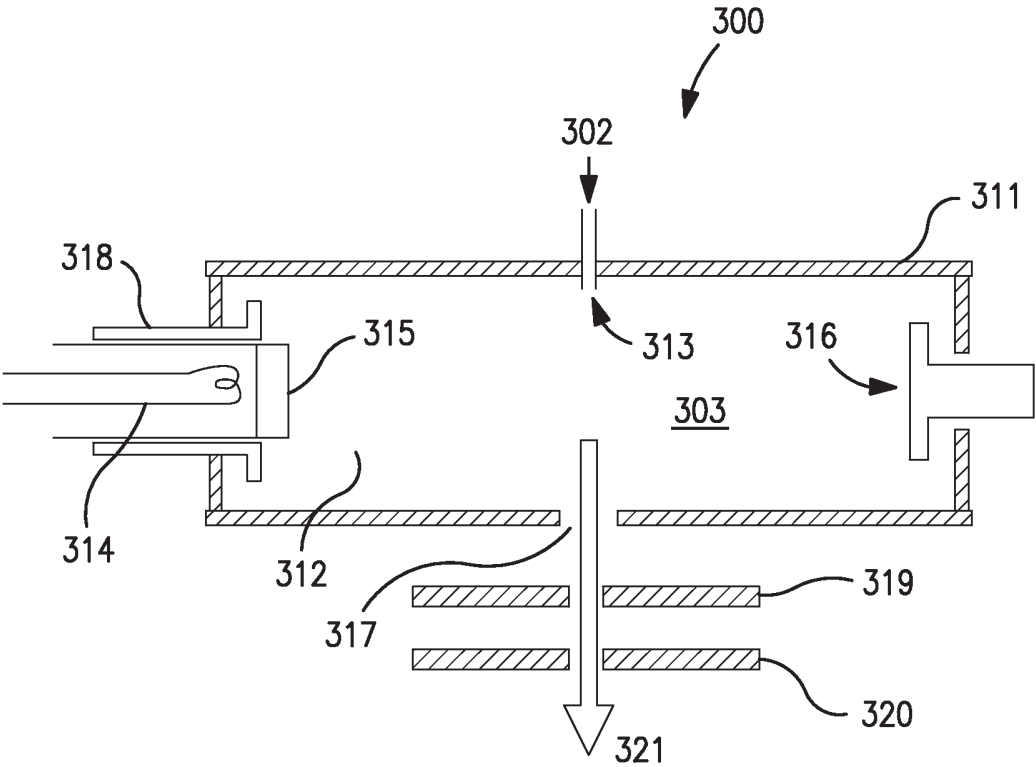
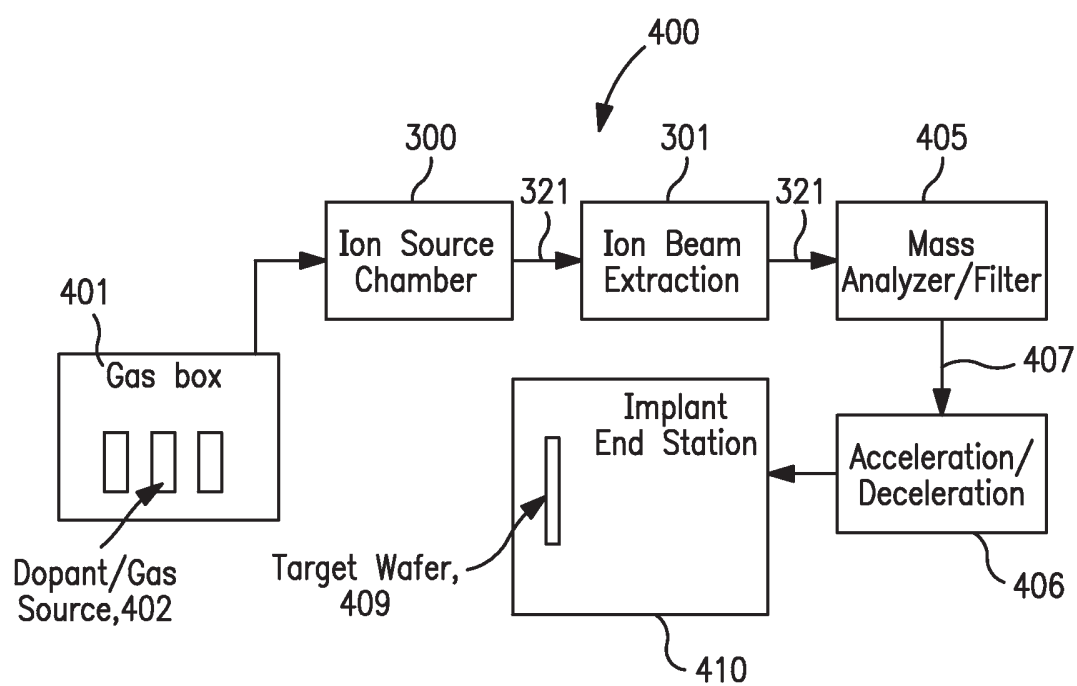
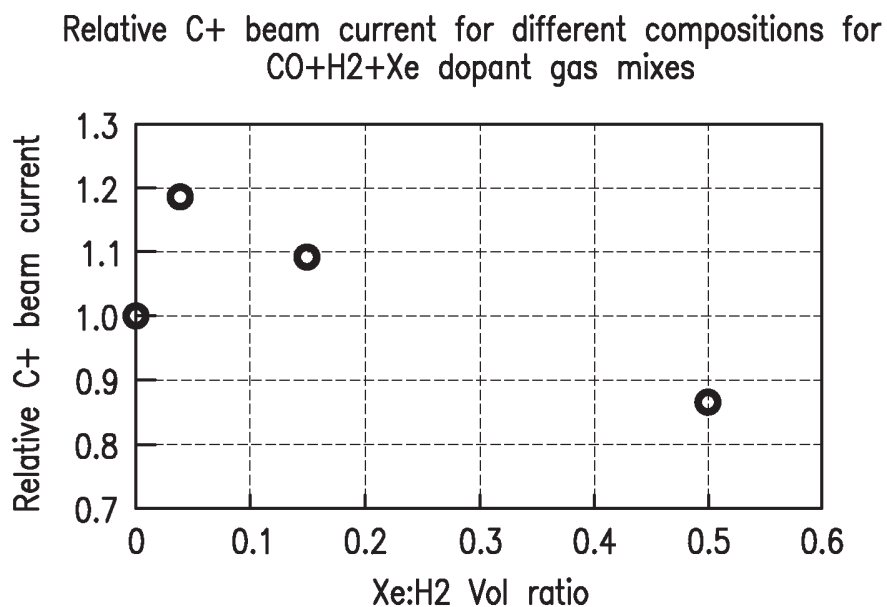


FIG. 3

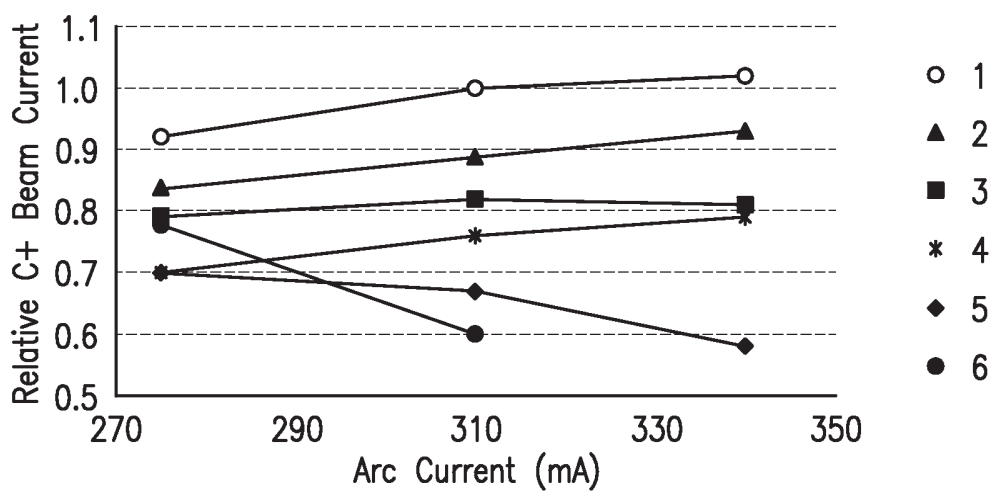
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**FIG. 4**

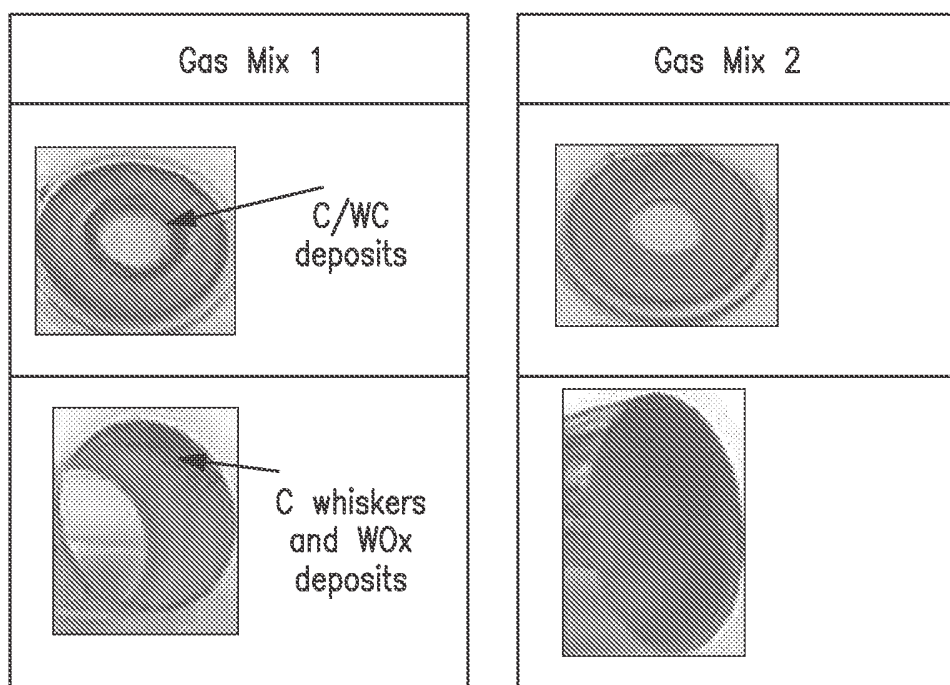
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**FIG. 5**

Relative C+ beam current for different compositions for CO+H₂+Xe dopant gas mixes 1–6 and at different arc current levels.
See table 1 for gas composition.

**FIG. 6**

Deposit formation during extended operation using CO gas mixes 1 and 2

**FIG. 7A****FIG. 7B**