

- [54] DRUG DELIVERY ARTICLES UTILIZING ELECTRICAL ENERGY
- [75] Inventors: Johnny L. Brooks; Donald L. Roberts, both of Winston-Salem; Jerry S. Simmons, Rural Hall, all of N.C.
- [73] Assignee: R. J. Reynolds Tobacco Company, Winston-Salem, N.C.
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- [58] Field of Search 128/202.21, 203.12, 128/203.13, 203.15, 203.17, 203.26, 203.27, 204.13, 200.14, 200.23, 200.24, 204.17, 202.27
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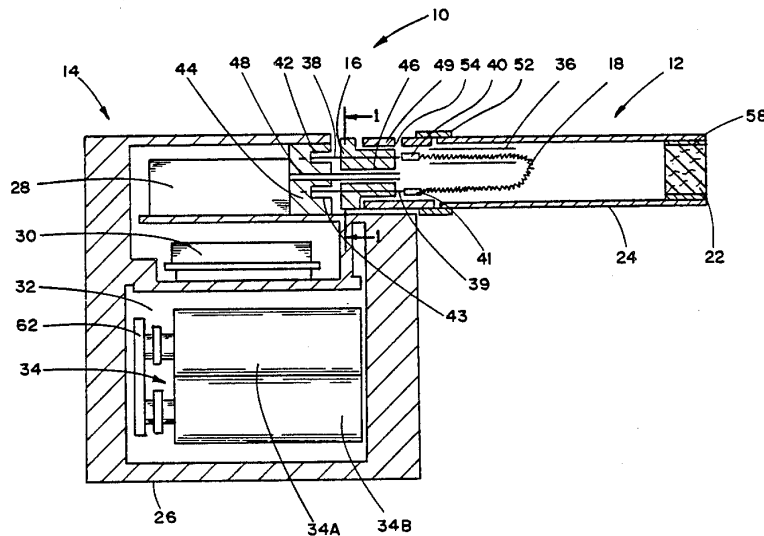
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[57] ABSTRACT

Drug delivery articles employ an electrical resistance heating element and an electrical power source to provide a dose of a drug in aerosol form. The articles advantageously comprise a disposable portion and a reusable controller. The disposable portion, normally includes a drug and an air permeable resistance heating element having a surface area greater than 1 m²/g, which usually carries an aerosol forming material. The reusable controller normally includes a puff-actuated current actuation means, a time-based current regulating means to control the temperature of the heating element, and a battery power supply.

136 Claims, 7 Drawing Sheets



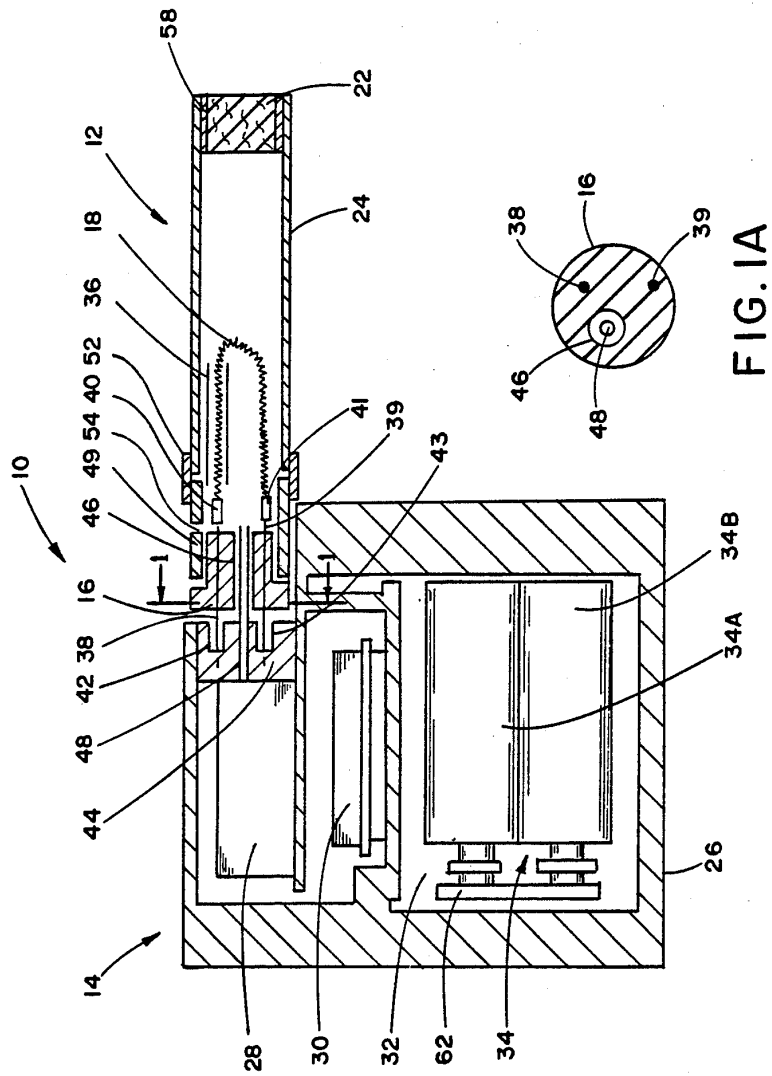


FIG. I

FIG. IA

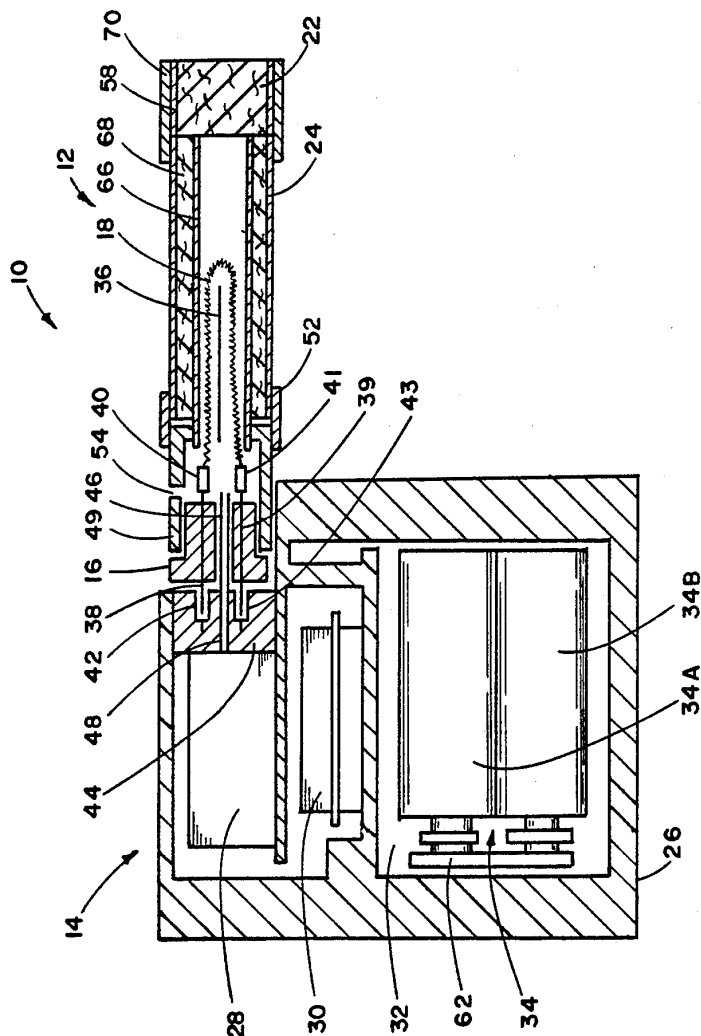


FIG. 2

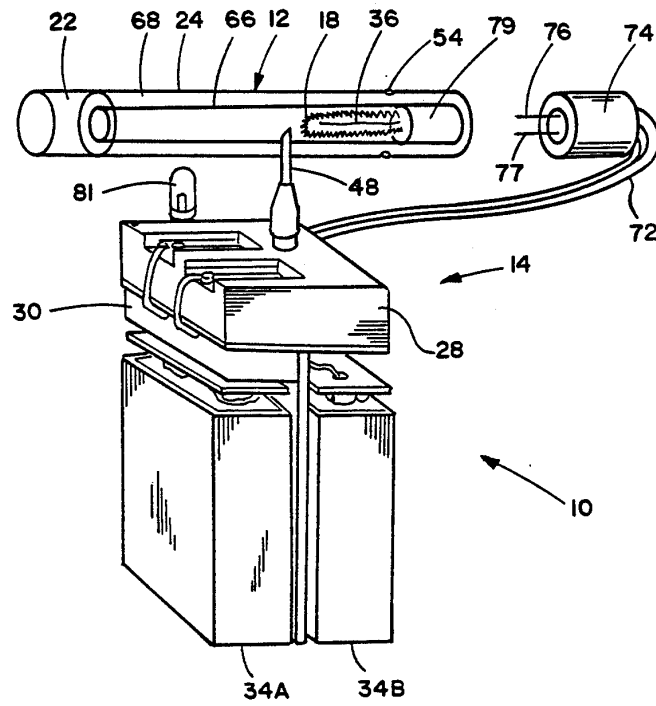


FIG. 3

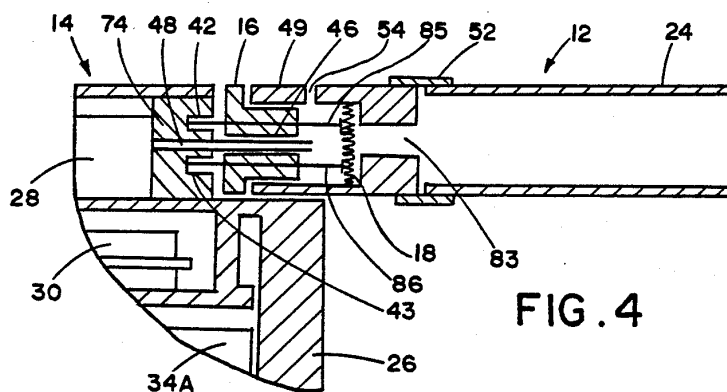


FIG. 4

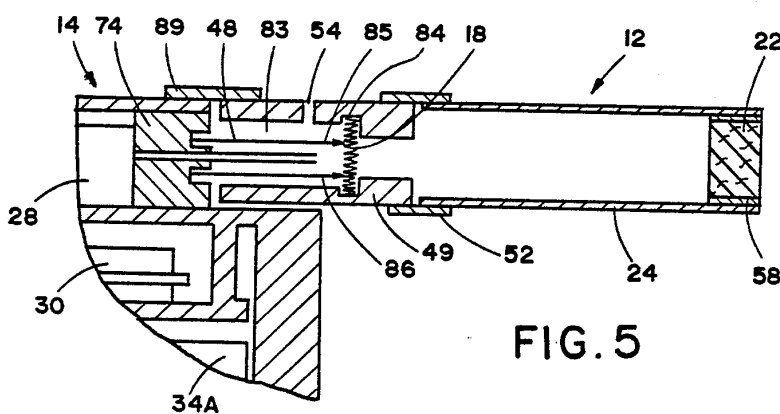


FIG. 5

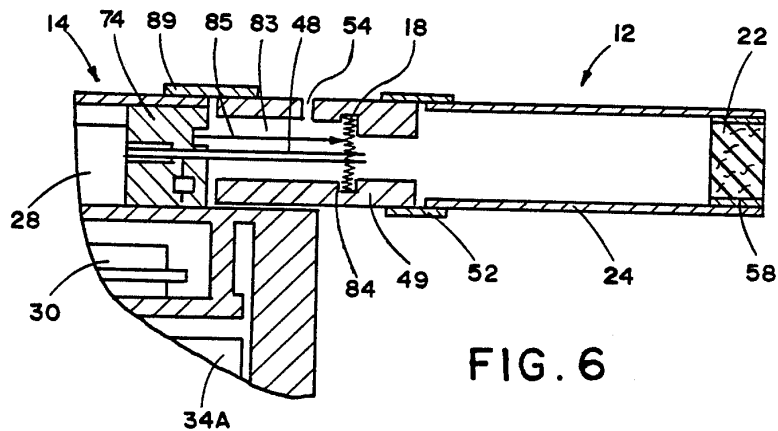


FIG. 6

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