



[54] FLAVOR GENERATING ARTICLE

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[*] Notice: The portion of the term of this patent subsequent to Sep. 10, 2013, has been disclaimed.

[21] Appl. No.: 448,906

[22] Filed: May 24, 1995

Related U.S. Application Data

[60] Division of Ser. No. 943,504, Sep. 11, 1992, Pat. No. 5,505,214, which is a continuation-in-part of Ser. No. 666,926, Mar. 11, 1991, abandoned.

[51] Int. Cl.⁶ A24F 1/00

[52] U.S. Cl. 131/194; 131/271; 131/329; 128/200.14; 128/202.21; 128/203.27

[58] Field of Search 131/194, 329, 131/271; 128/202.21, 203.27, 200.14

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(List continued on next page.)

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Table with 4 columns: Patent No., Date, Country, and Classification. Includes entries for Canada, China, European Pat. Off., Germany, Japan, United Kingdom, and WIPO.

Primary Examiner—V. Millin

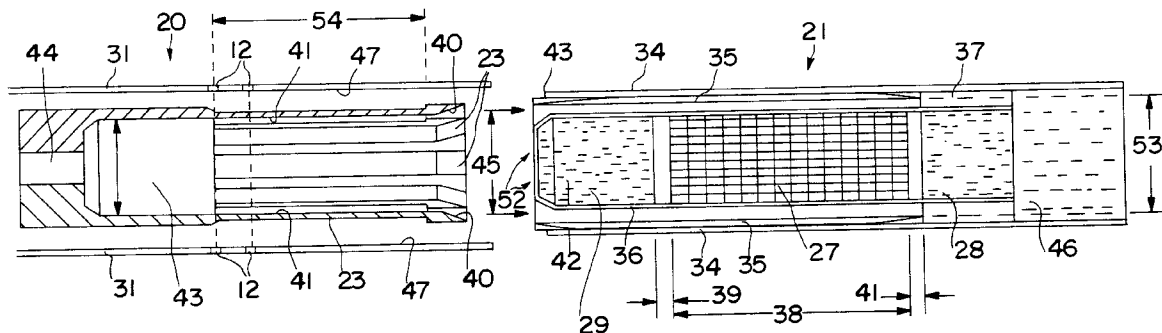
Assistant Examiner—William J. Deane, Jr.

Attorney, Agent, or Firm—Charles E. B. Glenn; James E. Schardt; James T. Moore

[57] ABSTRACT

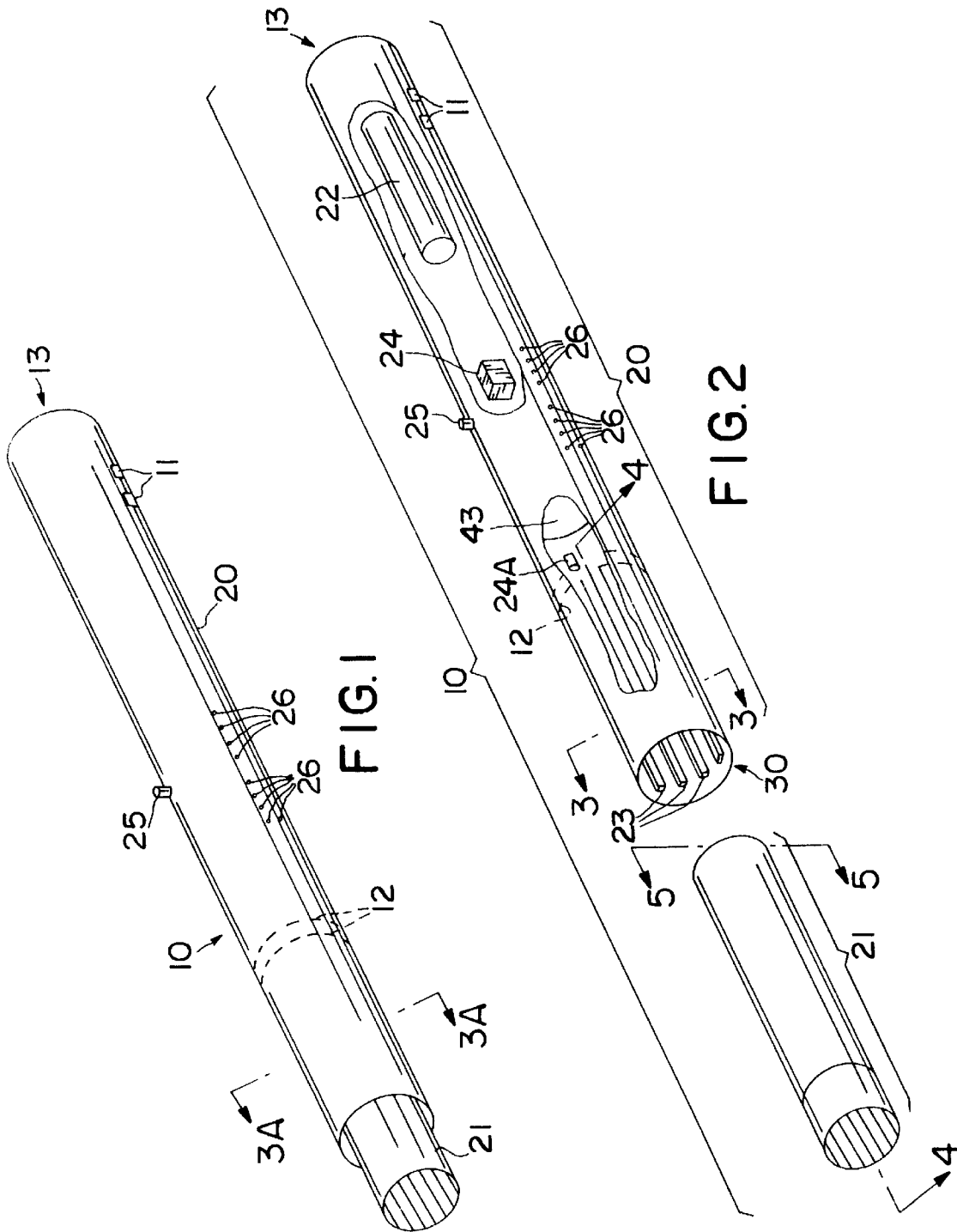
A smoking article is provided in which a replaceable tobacco flavor unit containing tobacco flavor material is electrically heated by a set of permanent reusable heaters to evolve flavors or other components in vapor or aerosol form for delivery to a smoker. Each heater heats only a portion of the available tobacco flavor material so that a plurality of individual puffs of tobacco flavor substance can be delivered sequentially to the smoker. The replaceable tobacco flavor unit can also include a filter to reduce the effect of residual aerosol which settles or condenses on the permanent portions of the article and which can result in undesirable flavor generation when reheated. A method and apparatus for manufacturing the replaceable tobacco flavor unit is also provided.

75 Claims, 12 Drawing Sheets



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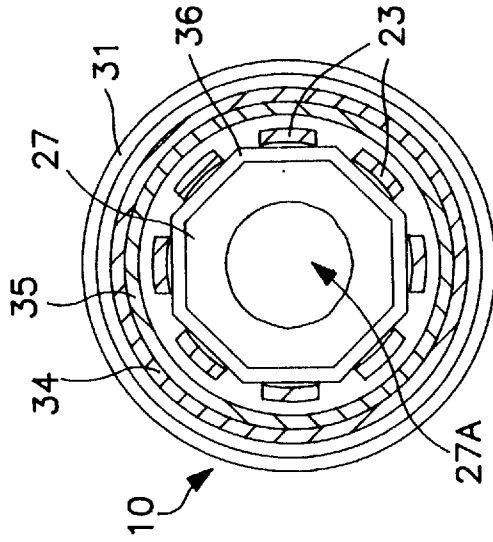


FIG. 3A

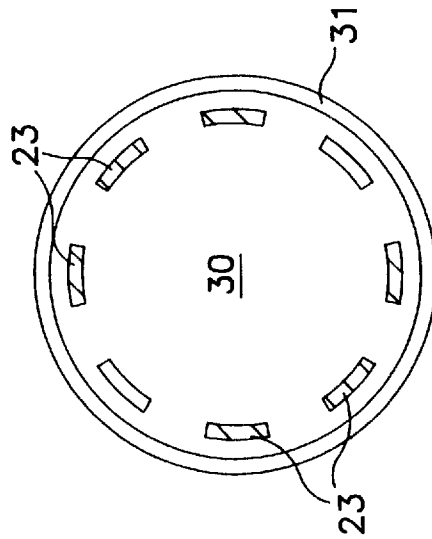


FIG. 3

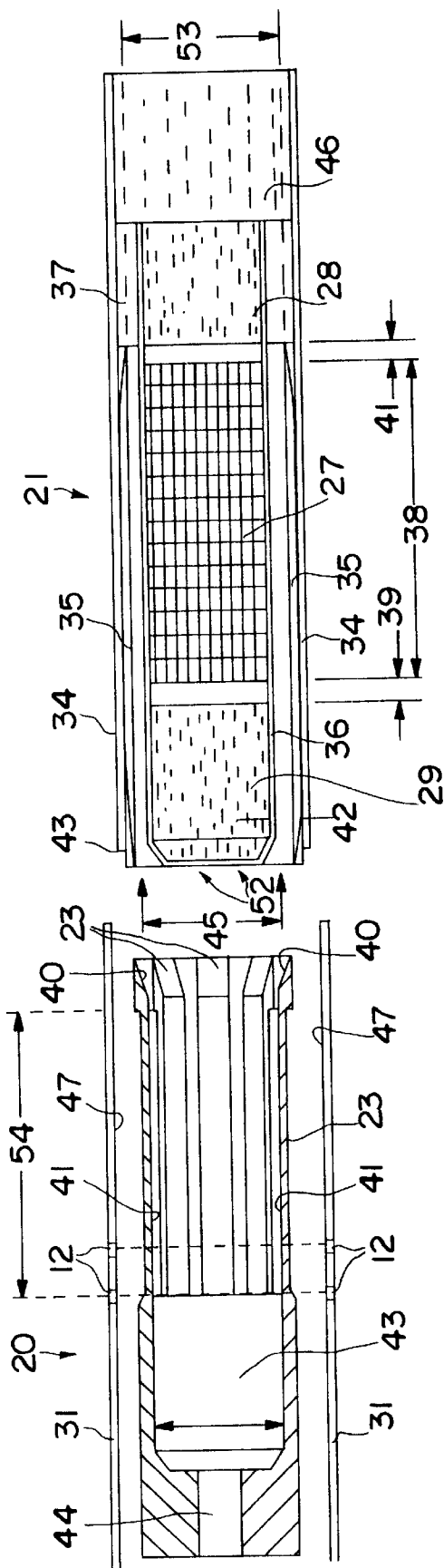


FIG. 4

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