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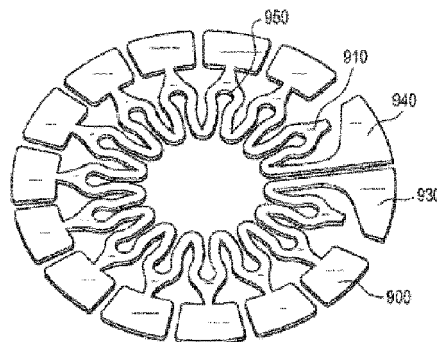
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(54) **HEATING ELEMENT AND HEATER ASSEMBLIES, CARTRIDGES, AND E-VAPOR DEVICES INCLUDING A HEATING ELEMENT**

(57) Disclosed is a heater assembly comprising a heating element. The heating element includes a planar portion including a filament, the filament defining an air channel through the planar portion, and being arranged so as to form a plurality of curves. The plurality of curves include a closed end, an open end, and a tip extending away from the air channel thereon, the tip of each of the curves being generally rectangular in shape. The heating

element further includes a first lead portion and a second lead portion, at one of the first lead portion, the second lead portion, or the first lead portion and second lead portion being coplanar with the heating element; and a support, with the heating element being in contact with the support such that the tip of each one of the curves rests thereon.

FIG. 9





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Place of search Munich		Date of completion of the search 11 September 2023	Examiner Barzic, Florent
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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