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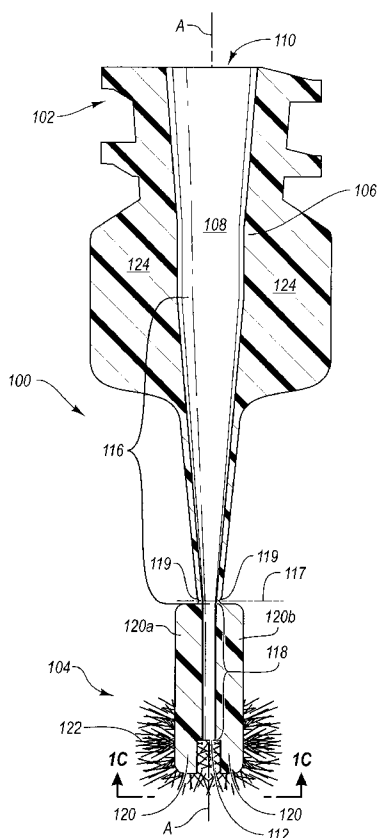
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[Continued on next page]

(54) Title: SYRINGE DELIVERY TIP INCLUDING AN ENLARGED FLOCKED WING ELEMENT ADJACENT A DISTAL
DELIVERY END



(57) Abstract: A delivery tip (100) for dispensing a high viscosity composition (e.g., a fluoride varnish composition) includes a tip body (106) and a fiber flocked enlarged wing element (120) disposed near a distal delivery end of the tip body (106). The tip body (106) includes a passageway (108) extending between an inlet orifice (110) at a proximal end and a delivery orifice (112) at the distal delivery end. A ratio of the width of the enlarged wing element (120) to an inside diameter of the delivery orifice (112) is at least about 5: 1, which controls flow of the fluoride varnish composition through the delivery orifice (112) while also providing for a wide application width for easily brushing the composition onto a patient's tooth.



FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL,
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A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61C 5/04(2006.01)

USPC: 433/90

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 433/90, 89, 80; 401/129, 176, 286, 271; 604/3, 310, 311

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	X US 6,382,972 B1 (FISHER et al.) 7 May 2002 (07.05.2002), column 3, lines 35-37, column 5, lines 55-57 and column 9, lines 24-33	1-24
Y	US 6,343,929 B1 (FISHER) 5 February 2002 (05.02.2002), column 4, lines 49-53	4-6

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Further documents are listed in the continuation of Box C.

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See patent family annex.

* Special categories of cited documents:

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