

(12) United States Patent

Giambattista et al.

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(54)	LOW-CO	ST MEDICATION DELIVERY PEN
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U.S.C. 154(b) by 0 days.

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(51)	Int. Cl. ⁷	A61M 5/0
(52)	U.S. Cl	604/20
(58)	Field of Search	604/207, 208
` ′	604/200 210	211 187 218 224 222/30

(56)**References Cited**

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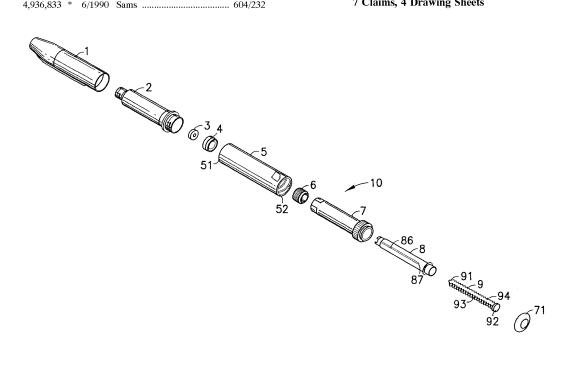
Primary Examiner—Sharon Kennedy Assistant Examiner-Catherine Serke (74) Attorney, Agent, or Firm-Alan W. Fiedler

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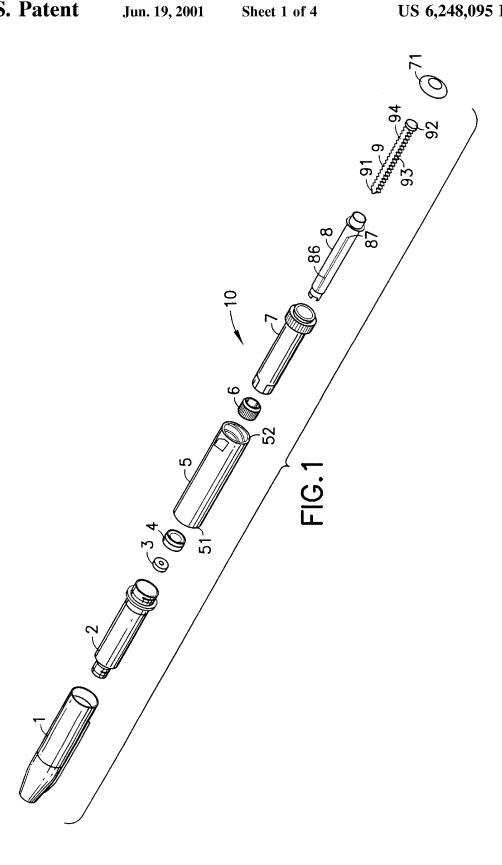
ABSTRACT

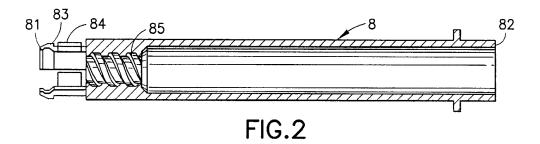
A medication delivery pen having very few parts allowing it to be manufactured at a very low-cost. The medication delivery pen also includes an automatic release mechanism to allow the user to easily reset the dose on the medication delivery pen and a mechanism for allowing the lead screw to easily retract back into the body of the medication delivery pen when the vial retainer has been removed to receive a new vial.

7 Claims, 4 Drawing Sheets









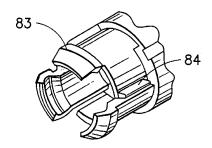
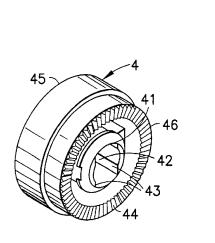


FIG.3





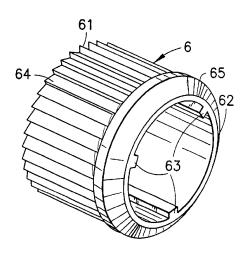
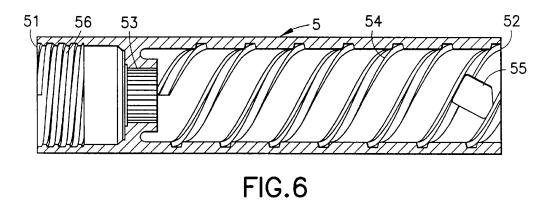
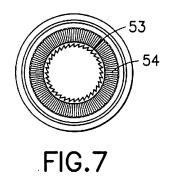
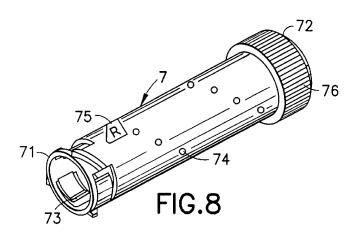


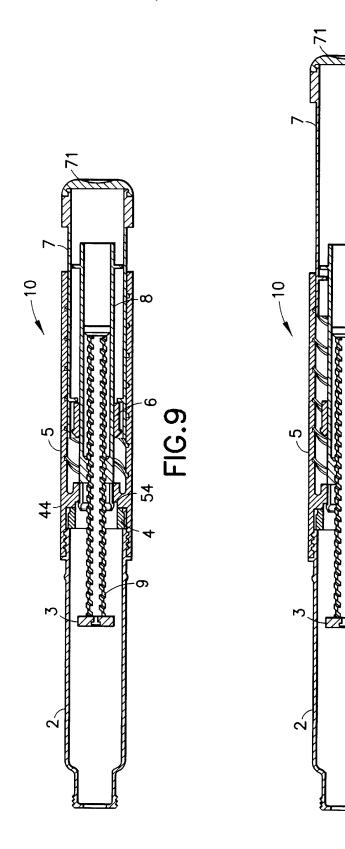
FIG.5













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