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(54) Title: AUTOMATIC INJECTION DEVICE

(57) Abstract: Exemplary embodiments provide a syringe plunger formed of a polymeric material. The syringe plunger includes a pressurizer disposed at a proximal end, and a distal end bifurcated into a first plunger arm having a first conical surface and a second conical surface, and a second plunger arm having a first conical surface and a second conical surface. The distal end includes a first contact surface defined by the first conical surface of the first plunger arm and the first conical surface of the second plunger arm, the first contact surface configured to initially contact a firing engagement mechanism, the first contact surface disposed at a first angle of between about 40° and about 80° relative to a longitudinal axis of the syringe plunger.

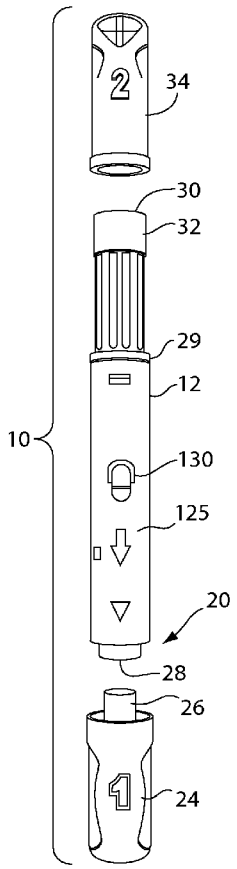



Fig. 1

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