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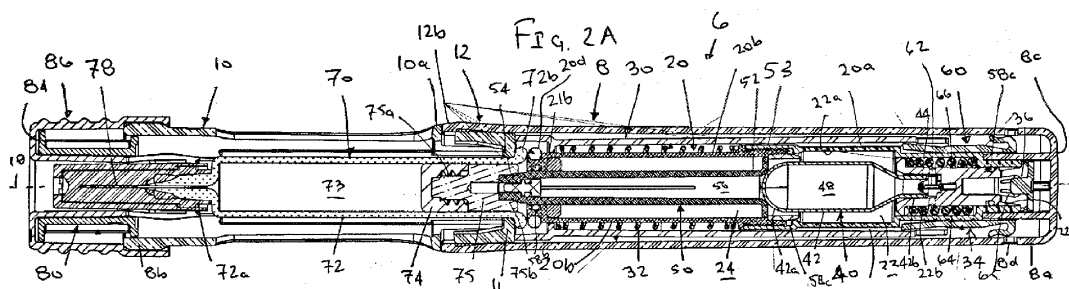
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(54) Title: MANUAL INSERTION AUTO-INJECTORS AND METHODS FOR USE



(57) Abstract: An auto-injector includes a front housing carrying a syringe and an activation cap covering a needle of the syringe, and a rear housing including a drive assembly for automatically deliver agent(s) from the syringe when the device is activated. The rear housing includes a gas canister and an opener mechanism for opening the canister into a set of chambers of an inner housing within the outer housing. When a contact surface of the activation cap is pressed against a subject's skin to insert the needle, the activation cap retracts into the outer housing and activates the opener mechanism to release pressurized gas from the canister into the chambers to advance a plunger within the inner housing to deliver the agent(s) from the syringe into the subject. After the injection is completed and the device is withdrawn away from the skin, the activation cap automatically advances to cover the needle.

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