SUMMARY OF EMBODIMENTS OF THE INVENTION

[0004] Exemplary embodiments of the present invention address at least the above problems and/or disadvantages and provide at least the advantages described below.

[0005] In accordance with an exemplary embodiment of the present invention, a medication injection pen is provided. The medication injection pen includes a housing, a push button at a proximal end of said housing, a dose set knob (DSK) having at least one internal tooth and a ring of DSK ratchet teeth on said dose set knob. The medication injection pen further includes a driver including at least one external tooth and a ring of driver ratchet teeth on the driver and a clicker operatively engaged between the dose set knob and the driver having at least a DSK ratchet arm for engaging the DSK ratchet teeth and at least a driver ratchet arm for engaging said driver ratchet teeth. The driver is prevented from rotating with the dose set knob while moving axially with the dose set knob during dose setting and dose correcting, and the push button is depressed, the clicker is moved distally and pushes the driver distally such that the at least one external tooth of the driver engages the at least one internal tooth of the dose set knob thereby forcing the driver to rotate with the dose set knob during an injection.

[0006] Additional objects, advantages and salient features of exemplary embodiments of the invention will become apparent to those skilled in the art from the following detailed description, which, taken in conjunction with annexed drawings, discloses exemplary embodiments of the invention.

BRIEF DESCRIPTION OF THE DRAWINGS

[0007] The above and other exemplary features and advantages of certain exemplary embodiments of the present invention will become more apparent from the following description of certain exemplary embodiments thereof when taken in conjunction with the accompanying drawings in which: