CLAIMS

1. A medication injection pen, comprising:

a housing;

a dose set knob comprising at least one internal tooth;

a brake ~~member~~ tower having a plurality of axially extending splines; and

a driver including at least one external tooth engaging said at least one internal tooth of said dose set knob and at least one ratchet arm engaging said plurality of axially extending splines,

wherein said driver is prevented from rotating with said dose set knob while moving axially with said dose set knob during dose setting and dose correcting, and said driver rotates with said dose set knob during an injection.

2. The medication injection pen according to claim 1, wherein

said at least one ratchet arm engages said plurality of axially extending splines to prevent rotation of said driver with said dose set knob during dose setting and dose correcting, and said at least one ratchet arm passes over said axially extending splines to allow rotation of said driver with said dose set knob during the dose injection.

3. The medication injection pen according to claim 2, wherein

said dose set knob rotating with respect to said driver during dose setting and dose correcting generates a first audible indicia, and said driver rotating with respect to said brake ~~member~~ tower during the injection generates a second audible indicia.

10. The medication injection pen according to claim 9, wherein

said dose stop member engages a protrusion disposed on an inner surface of said dose set knob to prevent setting a dose in excess of medicament remaining in said injection pen.

11. The medication injection pen according to claim 4, wherein

said brake ~~member~~ tower snaps onto an outer surface of said lead screw.

12. A medication injection pen, comprising:

a housing;

a dose set knob for setting and correcting a dose;

a brake ~~member~~ tower axially and rotationally fixed to said housing;

a driver moving axially with said dose set knob when setting and correcting the dose with said dose set knob and moving rotationally with said dose set knob when injecting a set dose;

a hollow piston rod moving axially when injecting the set dose; and

a brake core member disposed within said hollow piston rod to substantially prevent rotational movement of said hollow piston rod.

13. The medication injection pen according to claim 12, wherein

said brake core member is substantially cylindrical and has an open portion to receive a lead screw.

18. The medication injection pen according to claim 12, wherein

said brake core member has a pair of outwardly extending arms; and

said brake ~~member~~ tower has a pair of recesses to receive said outwardly extending arms, thereby preventing rotation of said brake core member.

19. The medication injection pen according to claim 13, wherein

said lead screw snaps onto an outer surface of said brake ~~member~~tower.

20. The medication injection pen according to claim 12, wherein

said dose set knob rotating with respect to said driver during the dose setting and the dose correcting generates a first audible indicia, and said driver rotating with respect to said brake ~~member~~ tower during the dose injection generates a second audible indicia.