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(54) Title: RETAINER FOR RETRACTABLE NEEDLE ASSEMBLIES AND SYRINGES

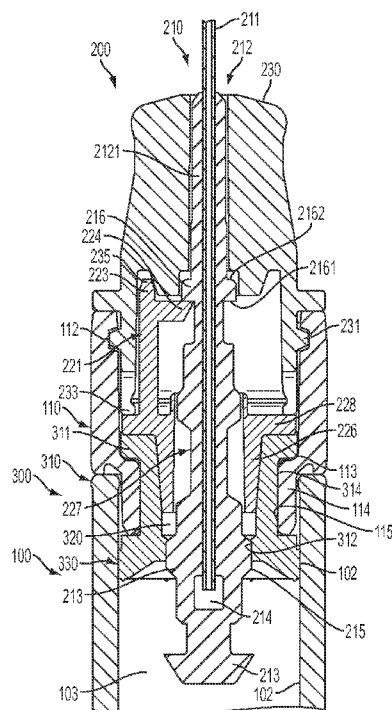


FIG. 10A

(57) Abstract: A retainer 220 for a needle assembly 200 of a retractable syringe 1000 that includes a plunger assembly 400 and a barrel 100 having a mounting member 110. The needle assembly 200 includes a retractable needle 210, a needle hub 230, and a retainer 220. The retractable needle 210 is engageable by the plunger assembly 400 to facilitate retraction thereof. The needle hub 230 is mountable to the mounting member 110 of the barrel 100. The retainer 220 includes a body 225 and at least one retaining member 221 that extends distally from the body 225. The retaining member 221 includes an inwardly projecting lateral projection 224 to engage the retractable needle 210 and thereby prevent inadvertent proximal movement of said retractable needle 210 prior to retraction. A retractable needle assembly 200 includes the retainer 220, and a retractable syringe includes the retractable needle assembly 200 including the retainer 220. A syringe kit 90 includes a retractable syringe, a plurality of retractable needle assemblies 200, and a vial adapter 2000.



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