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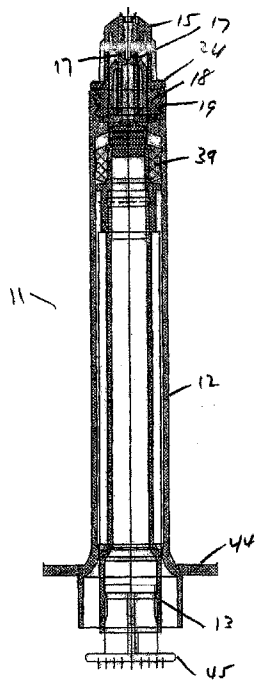
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(54) **Title:** AUTO RETRACTABLE SYRINGE



(57) **Abstract:** An auto-retractable safety syringe comprising a syringe barrel (12) having a hollow plunger (13) slideably located therein. The needle assembly comprises a needle and a needle hub (17), with a groove in the end of the barrel (12) to hold the needle hub (17) and a spring disposed over said needle hub (17) and acting between the needle hub (17) and the end of the barrel (12). The needle hub (17) has a groove around its circumference in which a locking means mates so as to retain the needle hub (17) in the end of the syringe barrel (12) during use. The plunger (13) upon completion of an injection and when further depressed activates auto retraction of the needle hub (17) by dislodging said locking means from said groove to release the needle hub (17) hence allowing the needle and spring to retract inside the hollow plunger (13) under the influence of the spring.

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