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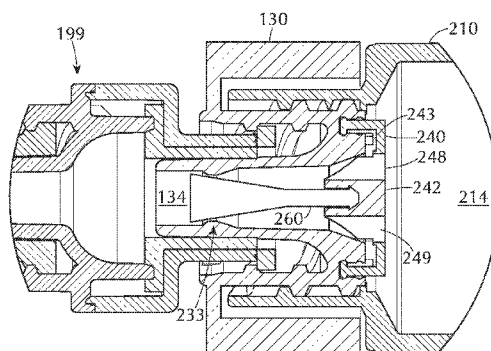


FIG. 34

(57) Abstract: Described is a catheter patency maintenance device comprising of a flush syringe, an elongate plunger rod with a stopper slidably positioned within the barrel, a cap, disinfectant and a valve movable between an open position and a closed position. The valve may include a valve stem and/or openings in the valve to permit fluid flow. Methods of using the flush syringe assemblies are also described.

