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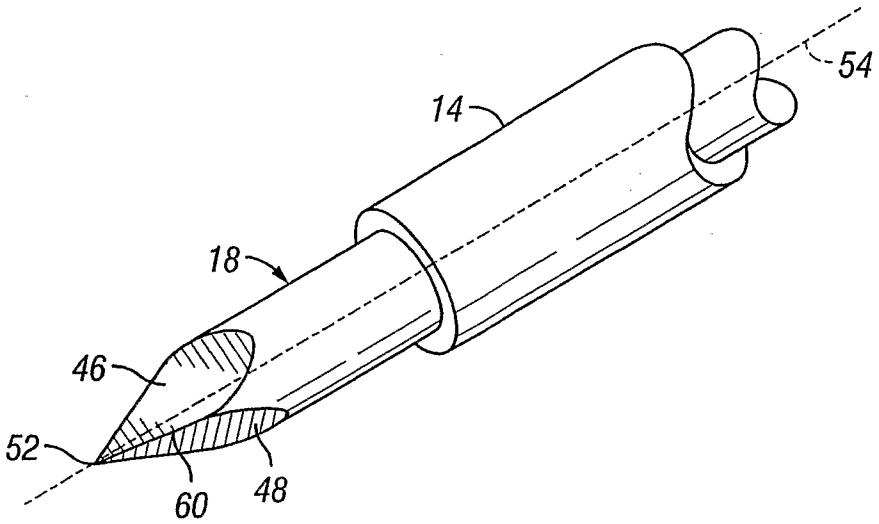
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(54) Title: NEEDLE HAVING OPTIMUM GRIND FOR REDUCED INSERTION FORCE



(57) Abstract: An introducer needle for an infusion set or the like includes a solid tip portion with a plurality of intersecting wedge surfaces that converge toward a common insertion point. Preferably, the common insertion point is coincident with a central axis of the introducer needle. The tip portion also includes a plurality of cutting edges formed at intersections of the wedge surfaces. The cutting edges converge toward the common insertion point so that insertion of the introducer needle into the membrane causes even cutting and separation of the membrane around the introducer needle.

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