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(54) **Title**: I.V. INFUSION OR BLOOD COLLECTION APPARATUS

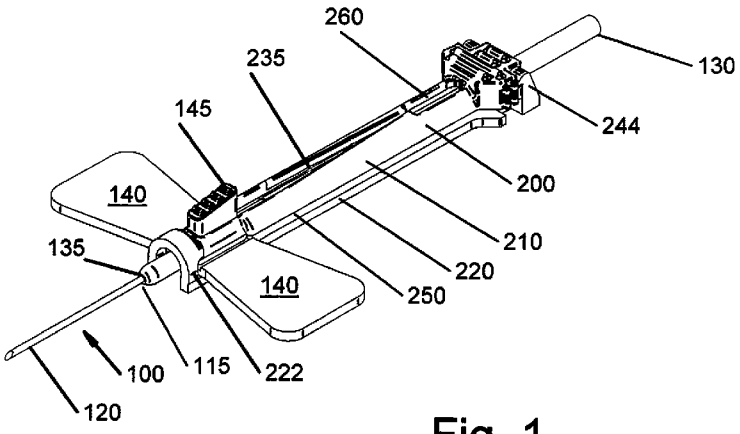


Fig. 1

(57) **Abstract**: An I.V. infusion or blood collection apparatus comprises an I.V. infusion set (100) and a safety shield (200). The I.V. infusion set has a wing body (105) from which a pair of wings (140) extend outward there from and a grip (145) extending upward there from. One end of the wing body mounts a needle (120) or catheter and medical tubing (130) is connected to the opposite end. The wing body includes a bore so that fluid flows between the needle and the medical tubing. A safety shield has a top, a bottom and opposing side walls and defines a cavity (227) that is adapted to receive the I.V. infusion set. The safety shield has slots (250) in each of the side walls and a slot (255) in the top. The respective wings and grip are adapted to be positioned in the slots and to slidably move therein. The slot in the top includes a lock that is adapted to receive the grip so that when the needle is retracted into the cavity; the grip is permanently captured therein, thus locking the needle in the fully retracted safety position.

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