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- (54) Title: EXTENSION TUBE CLAMP PROVIDING POSITIVE DISPLACEMENT

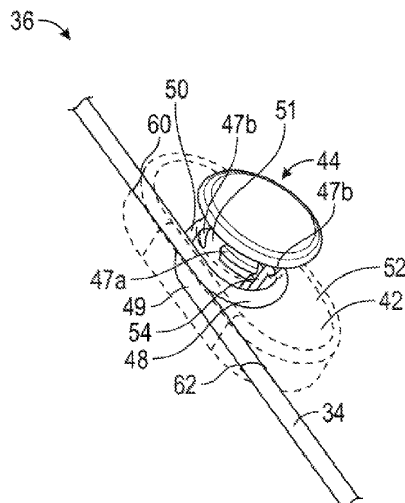


FIG. 5A

- (57) Abstract: An extension set may include a clamp, which may include a housing and an actuator. The actuator may be movable between a raised position and a depressed position with respect to the housing. The actuator may include a bump profile. The extension set may include an extension tube, which may be disposed within the housing. The extension tube may include a loop. In response to movement of the actuator between the raised position and the depressed position with respect to the housing, the bump profile may progressively clamp the extension tube along the loop. The loop may facilitate an increased fluid volume flowing distally towards a catheter in response to actuating the clamp.

WO 2020/172301 A1