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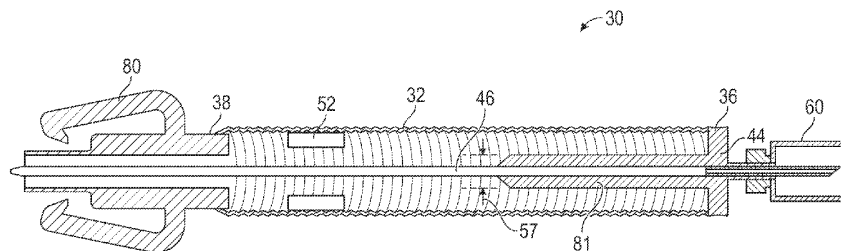


FIG. 2A

(57) Abstract: A probe advancement device may be configured to couple to a catheter assembly. The probe advancement device may include a flexible housing, which may include a proximal end and a distal end. The probe advancement device may include a probe advancement element coupled to the proximal end of the flexible housing. The probe advancement element may include a probe extending in a distal direction within the flexible housing. The flexible housing may be configured to collapse along an axis in response to the probe being advanced in the distal direction. The probe may include a tube for blood collection, a guidewire, or another suitable element.

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