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(54) Title: VASCULAR ACCESS INSTRUMENT HAVING A FLUID PERMEABLE STRUCTURE, AND RELATED DEVICES AND METHODS

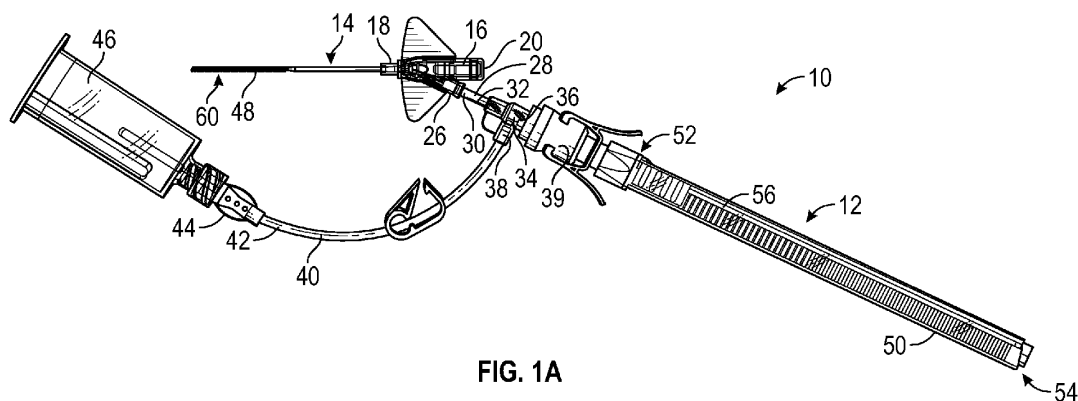


FIG. 1A

(57) **Abstract:** A delivery device to deliver a guidewire through an intravenous catheter assembly may include a housing, which may include a distal end, a proximal end, and a slot. The delivery device may include a guidewire, which may include a proximal end and a distal end. The delivery device may include a guidewire hub disposed within the housing. The guidewire may be secured to the guidewire hub, and the guidewire hub may be configured to move along the slot to advance the guidewire in a distal direction. The distal end of the guidewire may include a fluid permeable structure. For example, the fluid permeable structure may include an elongated core and a coil extending around the elongated core. In some embodiments, a space between the elongated core and the coil may be configured to receive blood in response to the guidewire being inserted into the vasculature.

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