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(71) Applicant: **BECTON, DICKINSON AND COMPANY**
[US/US]; 1 Becton Drive, Franklin Lakes, New Jersey
07417 (US).

(72) Inventors: **LACKEY, BreAnna**; 1409 W 3630 S, West
Valley City, Utah 84119 (US). **LACKEY, John**; 1409 W
3630 S, West Valley City, Utah 84119 (US). **SCHERICH,
Megan**; 253 E. Wilson Avenue, Salt Lake City, Utah 84115
(US). **HOPWOOD, Benjamin**; 2950 S 2000 E, Salt Lake
City, Utah 84109 (US).

(74) Agent: **QUEEN, Lara, Northrop et al.**; The Webb Law
Firm, One Gateway Center, 420 Ft. Duquesne Blvd., Suite
1200, Pittsburgh, Pennsylvania 15222 (US).

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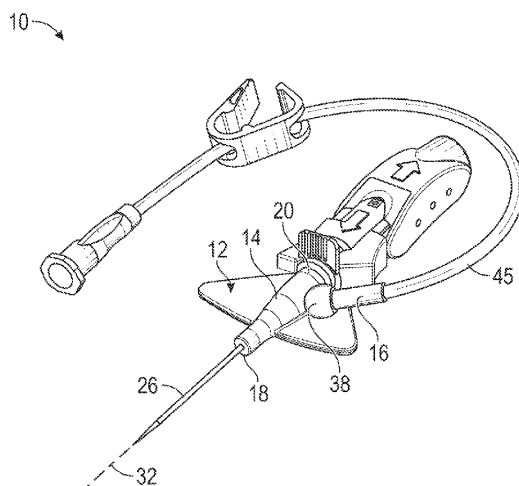


FIG. 1A

(57) Abstract: A catheter assembly may include a catheter adapter, which may include a body and a side port extending outwardly from the body. The body may include a distal end, a proximal end, and an inner surface extending through the distal end and the proximal end and forming a lumen. An angle of the side port with respect to a longitudinal axis of the body may be adjustable. The catheter assembly may include a catheter extending distally from the distal end of the catheter adapter. The catheter assembly may include a septum disposed within the lumen proximal to a side port pathway extending through the side port and in fluid communication with the lumen.

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