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- (71) **Applicant: BECTON, DICKINSON AND COMPANY**
[US/US]; 1 Becton Drive, Franklin Lakes, New Jersey
07417 (US).
- (72) **Inventors: MA, Yiping;** 2220 N. 2300 E., Layton, Utah
84040 (US). **BURKHOLZ, Jonathan Karl;** 1971 S.
Wasatch Dr., Salt Lake City, Utah 84108 (US). **BLAN-**
CHARD, Curtis H.; 14156 S. Mt Ogden Peak Dr., River-
ton, Utah 84096 (US). **WANG, Bin;** 233 E. Silver Willow
Dr., Sandy, Utah 84070 (US).

(74) **Agent: METCALF, Craig;** Kirton McConkie, 36 S. State
Street, Suite 1900, Salt Lake City, Utah 84111 (US).

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(54) **Title: CATHETER EXTENSION SET AND RELATED METHODS**

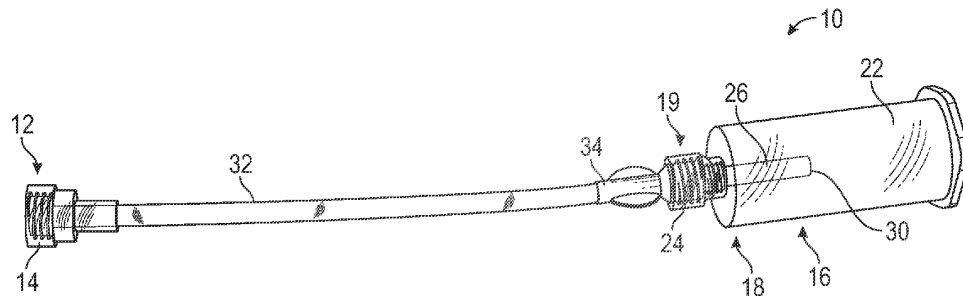


FIG. 1A

(57) **Abstract:** A catheter extension set may include a distal end, which may include a luer adapter configured to couple to a catheter adapter. The catheter extension may also include a proximal end, which may include a blood collection device. The blood collection device may include a needle configured to receive a blood collection container. The catheter extension may include one or more extension tubes extending between the distal end and the proximal end. The catheter extension set may increase flow resistance, which may reduce a risk of hemolysis when there is a high-pressure differential within the catheter extension set. After a pressure differential within the catheter extension set is lowered, the catheter extension set may decrease flow resistance, which may facilitate more rapid blood collection.

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