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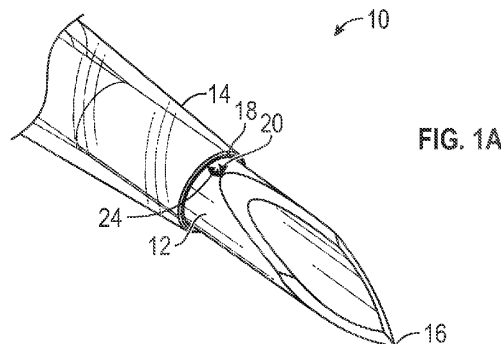
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Declarations under Rule 4.17:

- *as to the applicant's entitlement to claim the priority of the
earlier application (Rule 4.17(iii))*

- (54) **Title:** INTRODUCER NEEDLE HAVING A BUMP AND RELATED SYSTEMS AND METHODS



- (57) **Abstract:** A catheter system may include a catheter adapter (28), which may include a distal end (30), a proximal end (32), and a lumen (34) extending through the distal end of the catheter adapter and the proximal end of the catheter adapter. The catheter system may include a septum assembly (36) disposed within the lumen of the catheter adapter. The catheter system may include a catheter (14) extending from the distal end of the catheter adapter. The catheter system may include an introducer needle (44), which may include a proximal end (46), a sharp distal tip (48), and a bump (64, 70) disposed between the proximal end and the sharp distal tip. The proximal end of the introducer needle may be secured within a needle hub (43) of the catheter system. In response to the bump contacting the septum assembly, the sharp distal tip of the introducer needle is disposed distal to a distal end of the catheter.

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