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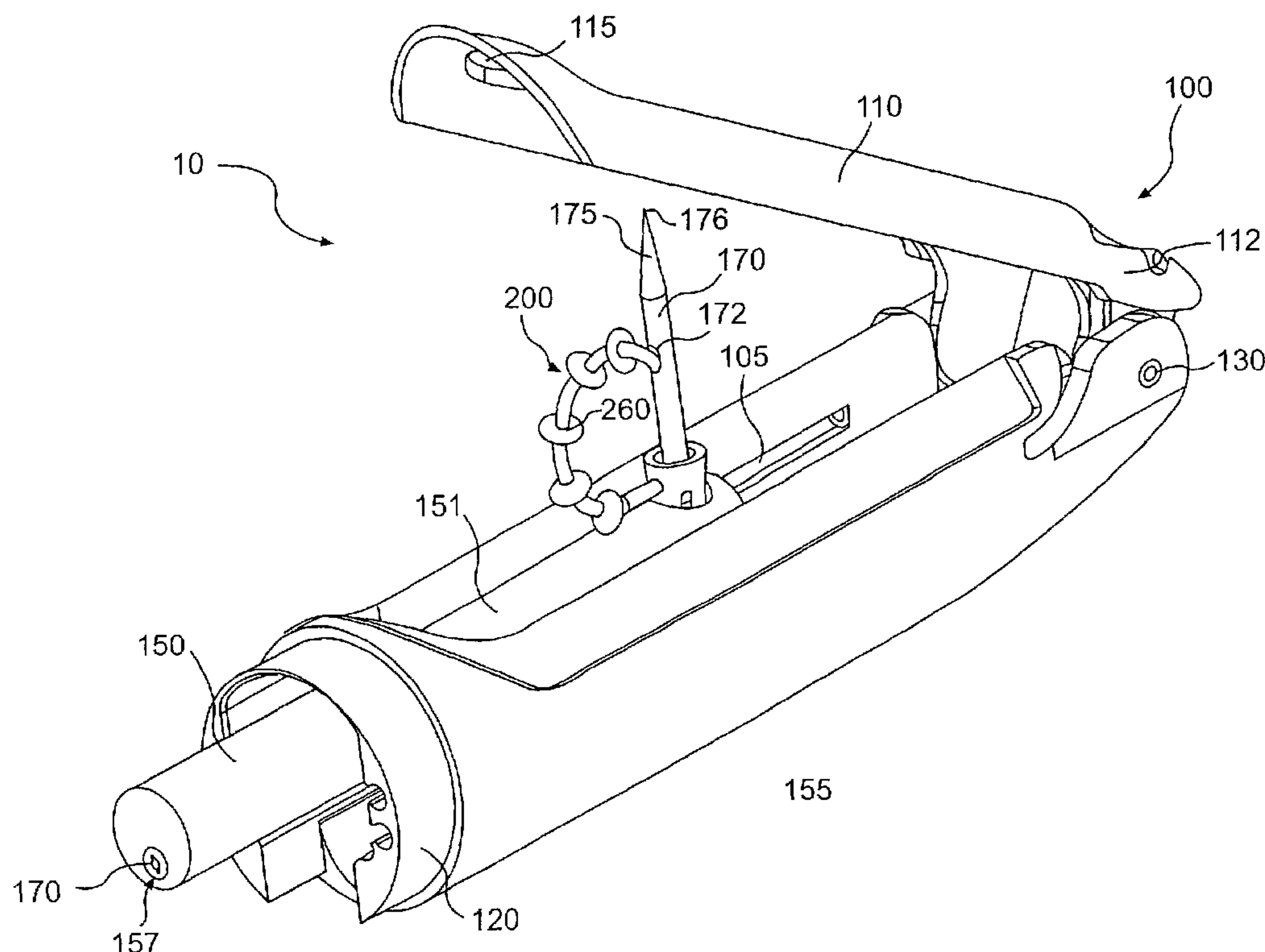
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(54) Titre : DISPOSITIFS DE FUNDOPLICATION ENDOSCOPIQUES ET PROCEDES PERMETTANT DE TRAITER LE
REFLUX GASTRO-OESOPHAGIEN PATHOLOGIQUE

(54) Title: ENDOSCOPIC FUNDOPLICATION DEVICES AND METHODS FOR TREATMENT OF
GASTROESOPHAGEAL REFLUX DISEASE



(57) Abrégé/Abstract:

Endoscopic devices and methods used for fastening multiple tissue layers, such as, for example, an endoscopic fundoplication procedure, are disclosed. The endoluminal device includes a tissue fastener, a flexible needle having means for grasping and releasing a portion of the tissue fastener, and a deflector for deflecting and guiding the needle toward the multiple tissue layers.

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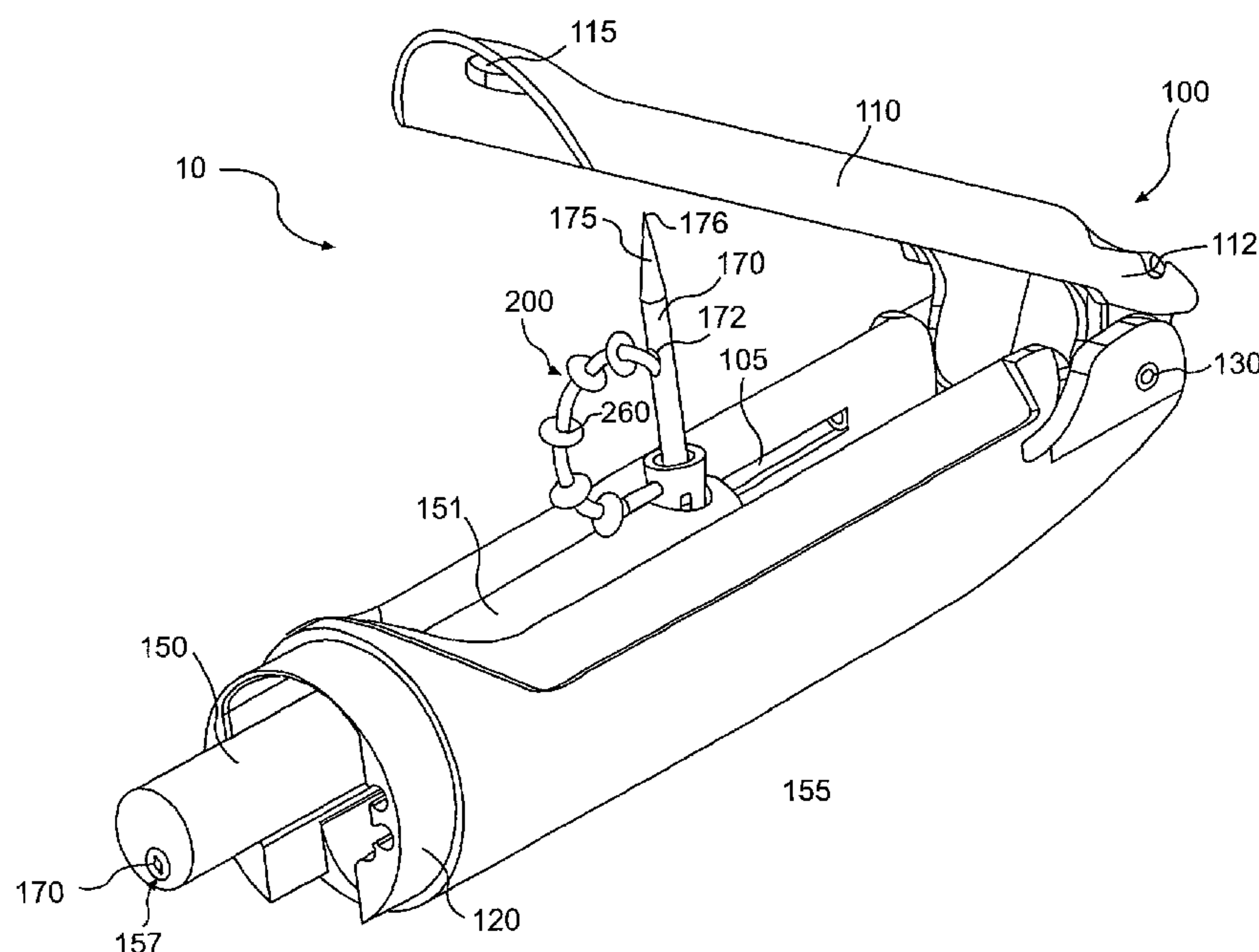
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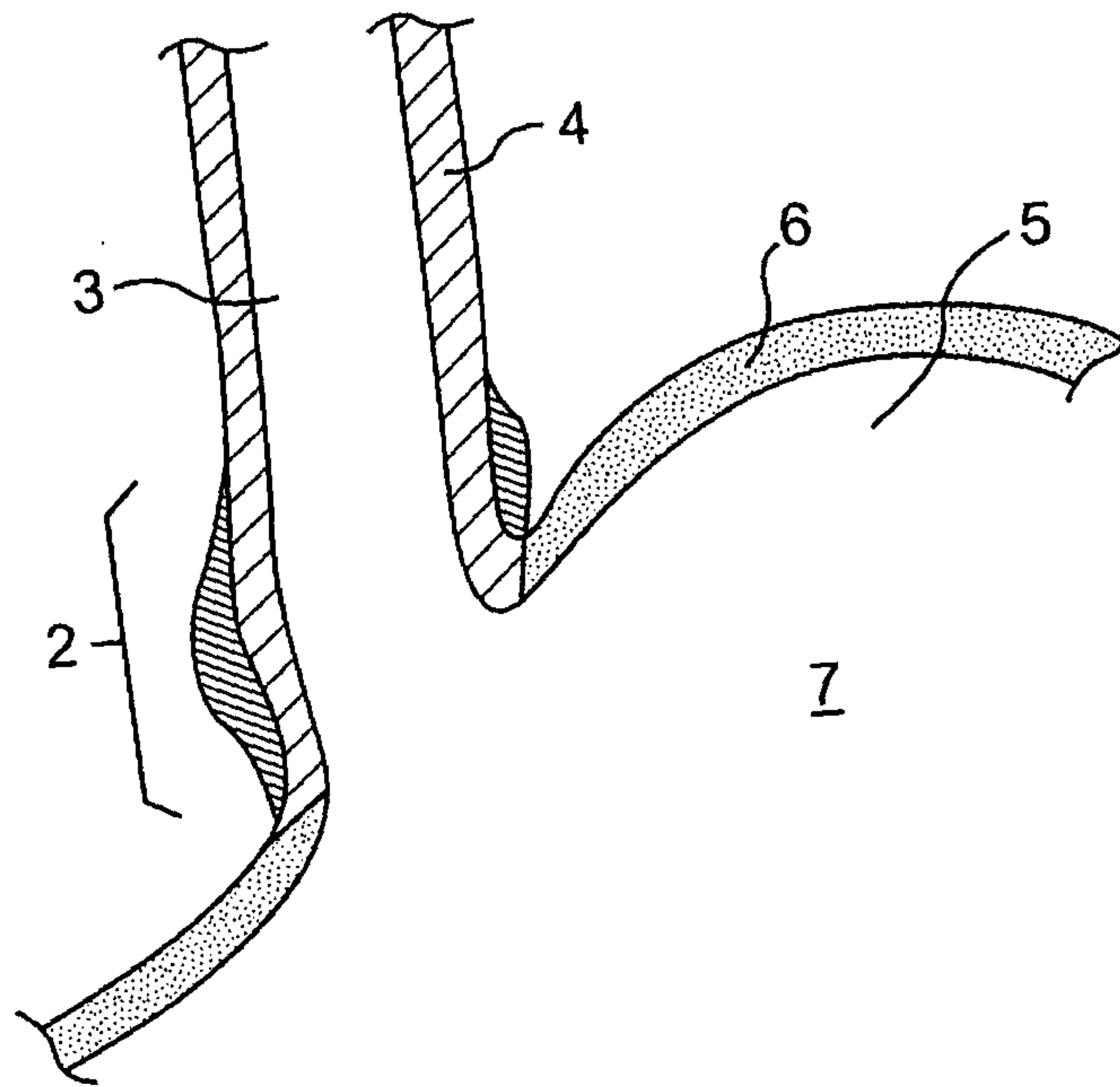
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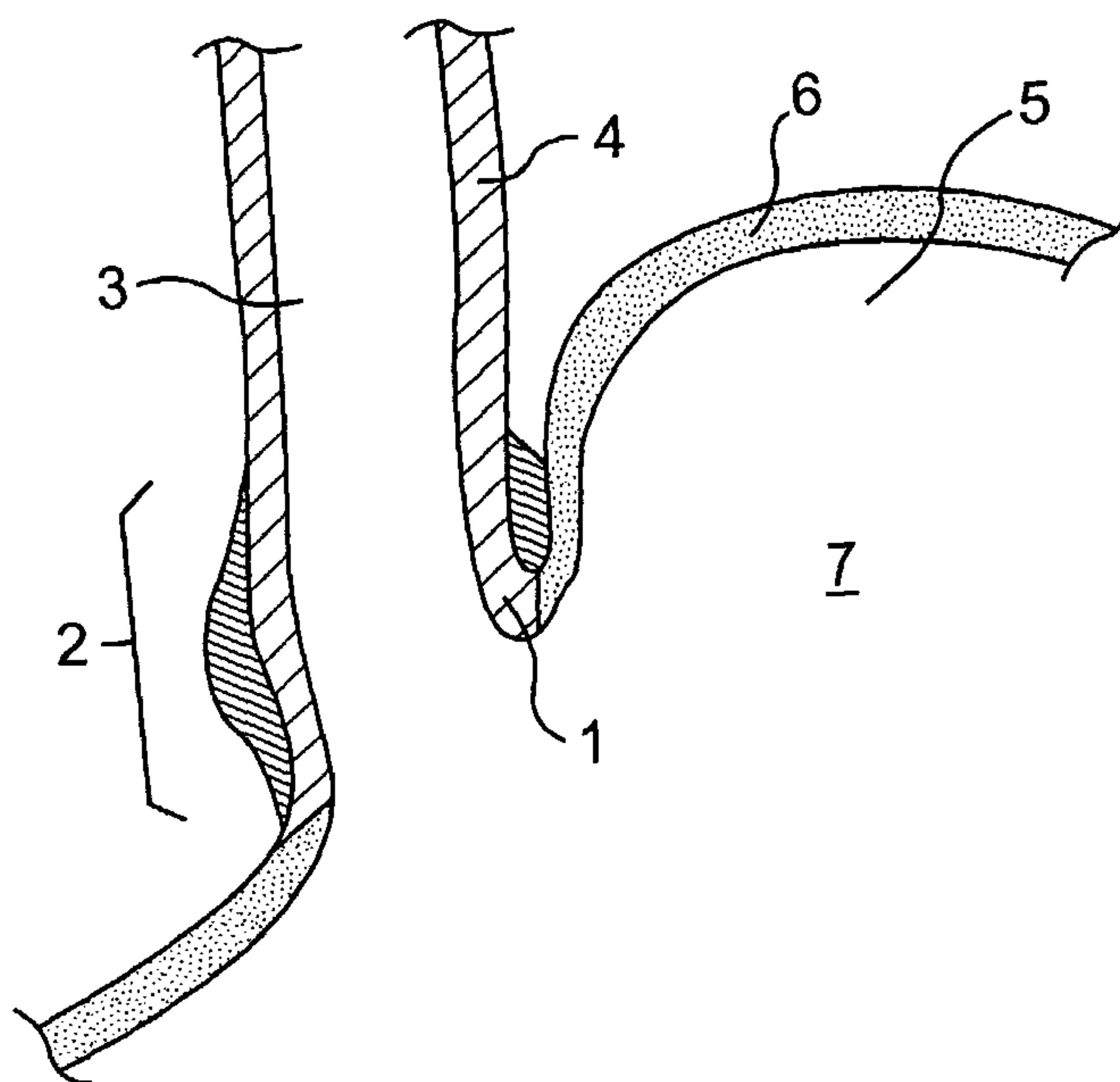
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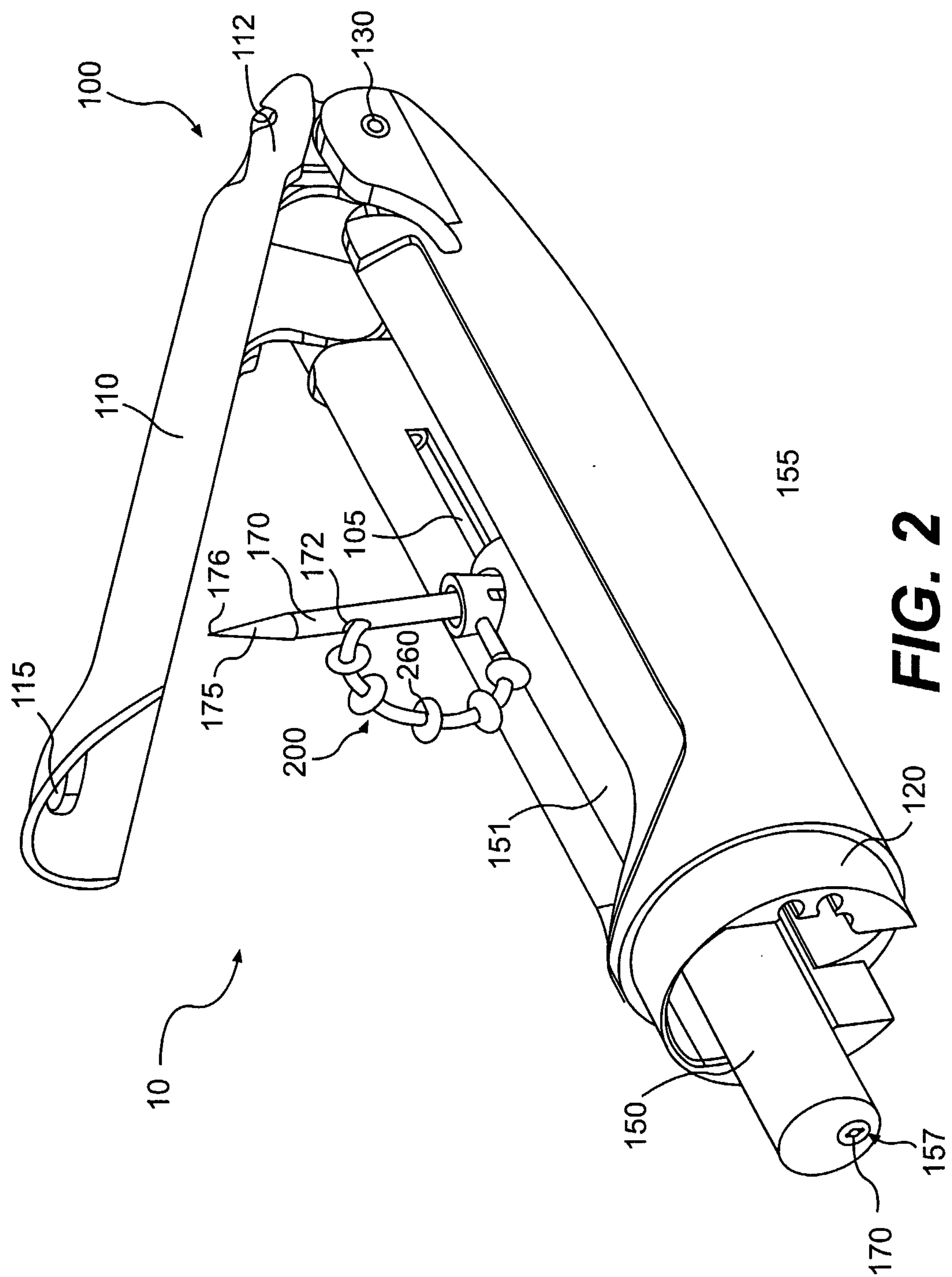
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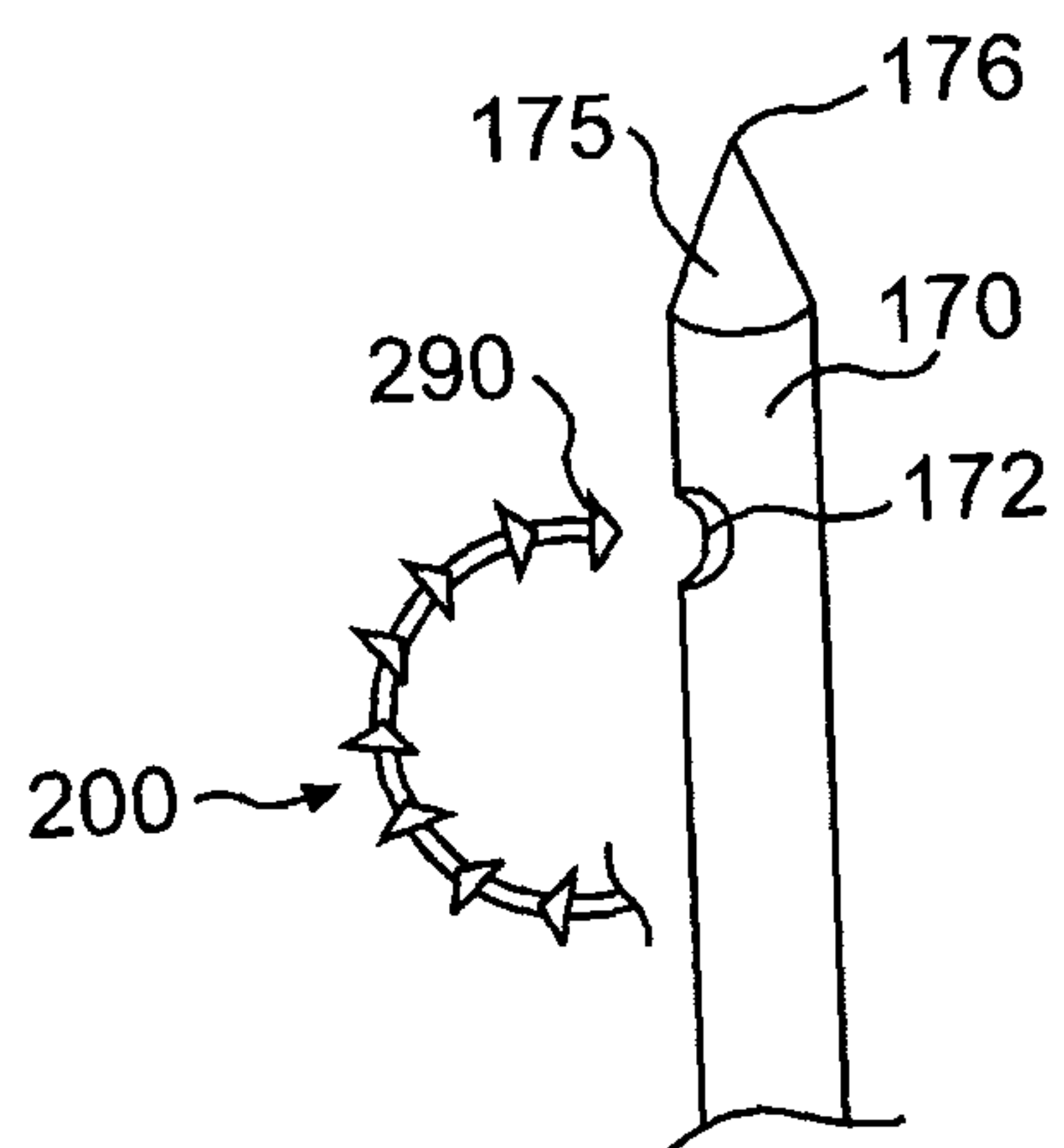
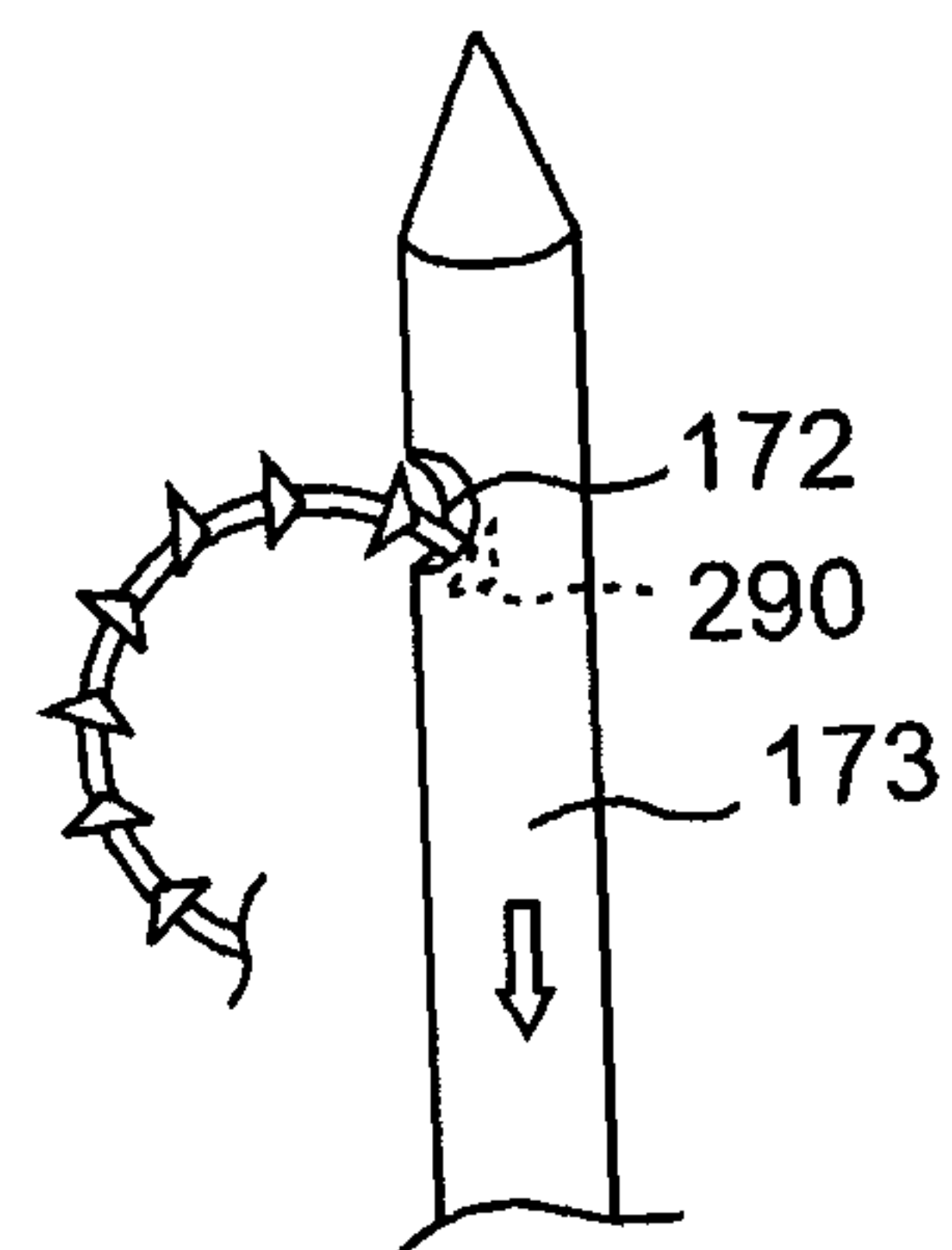
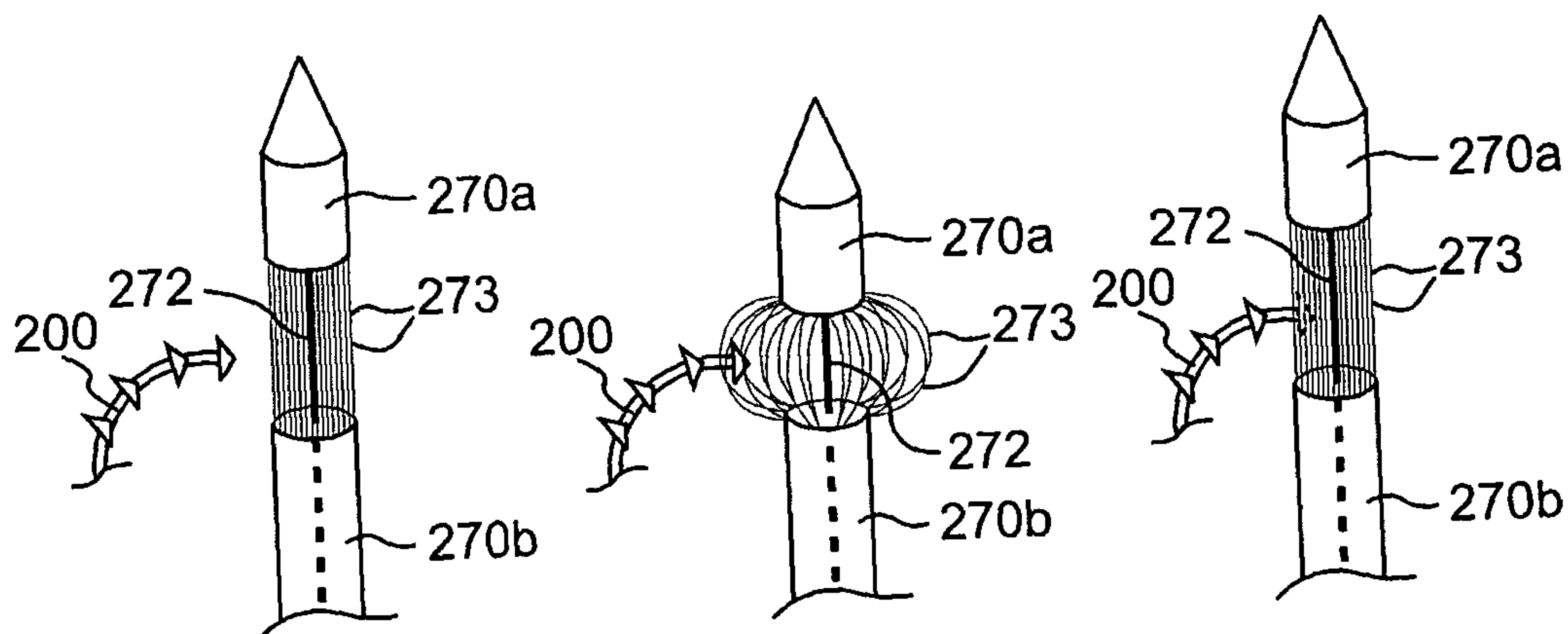
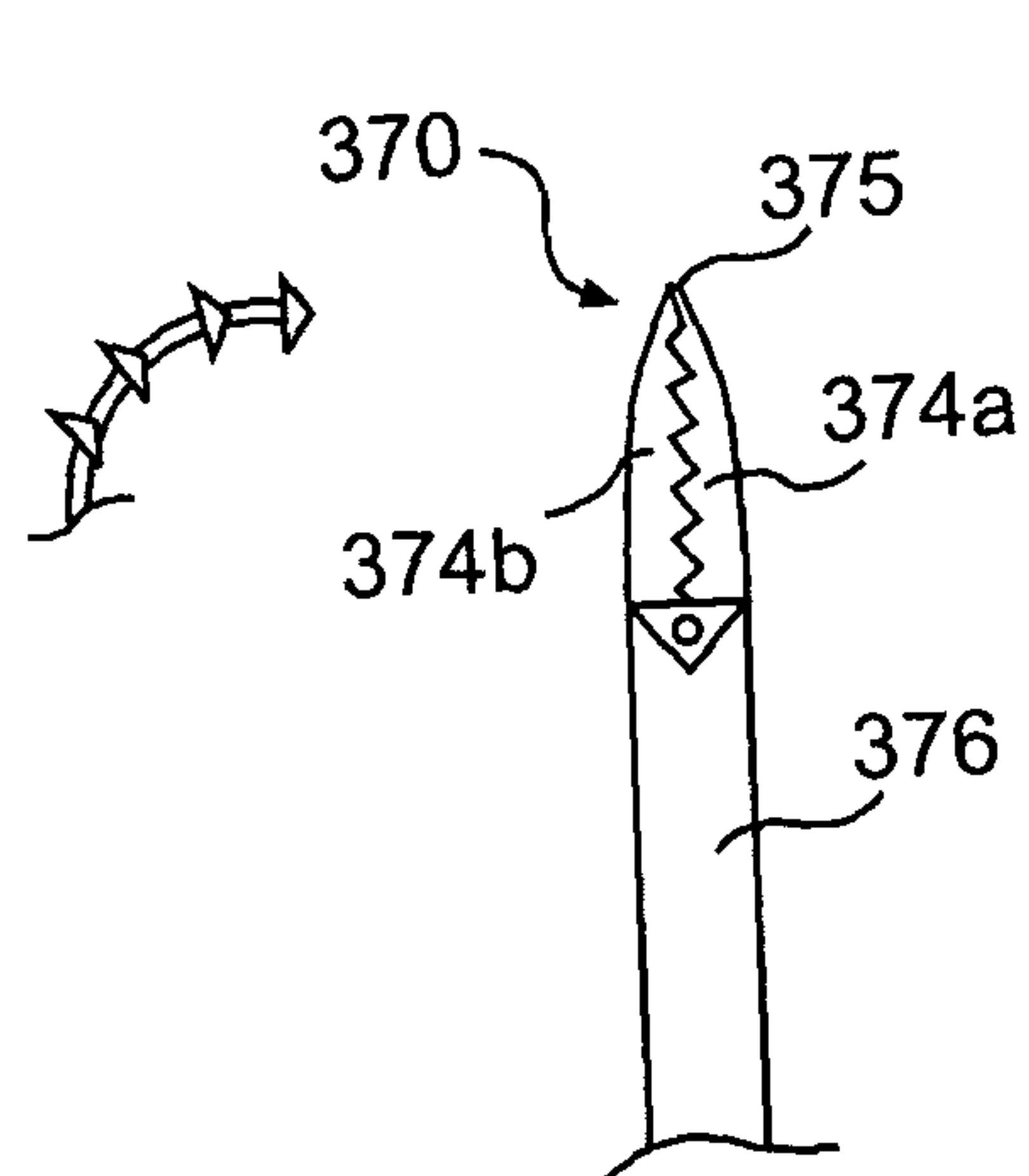
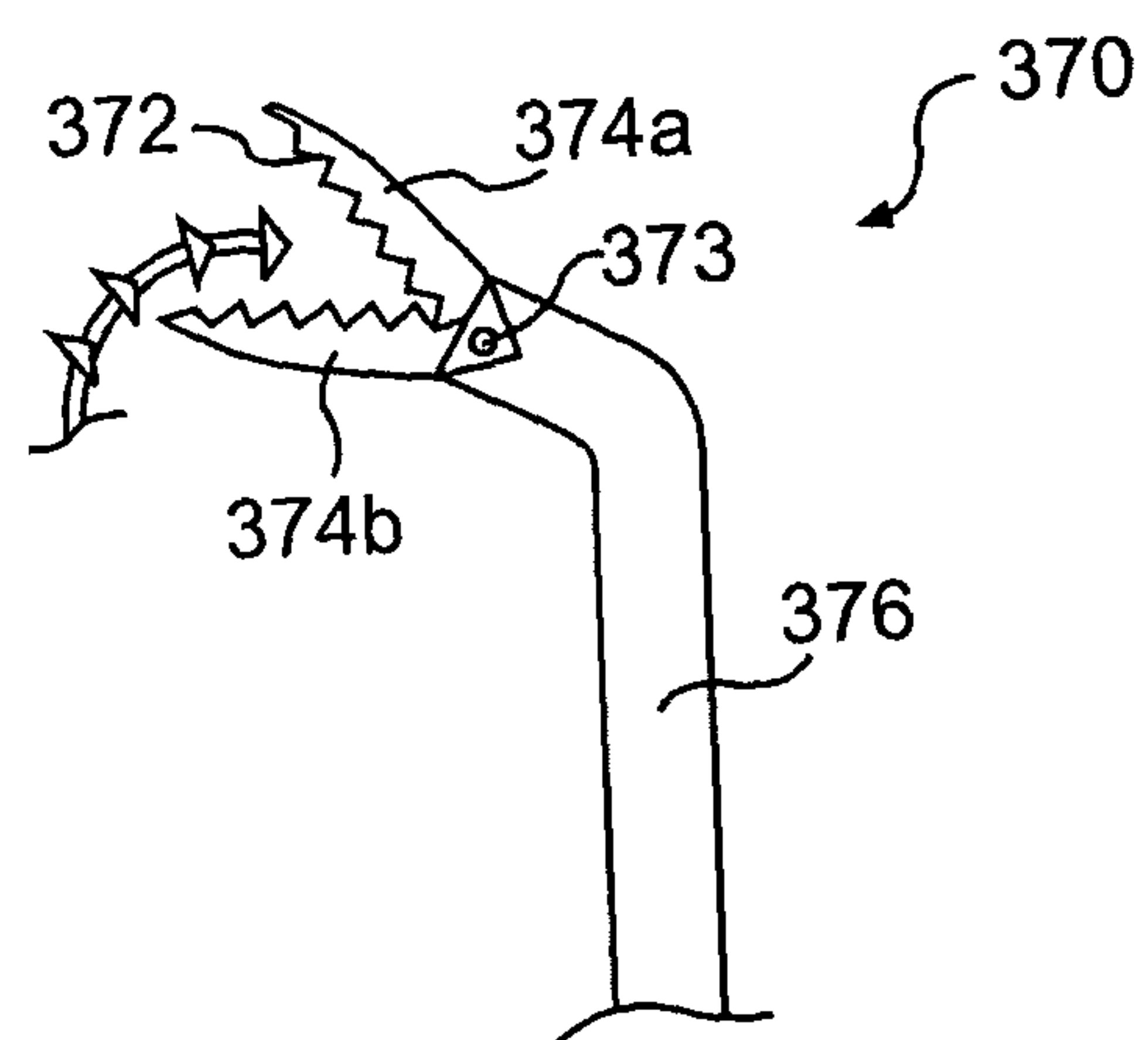
**FIG. 1A**

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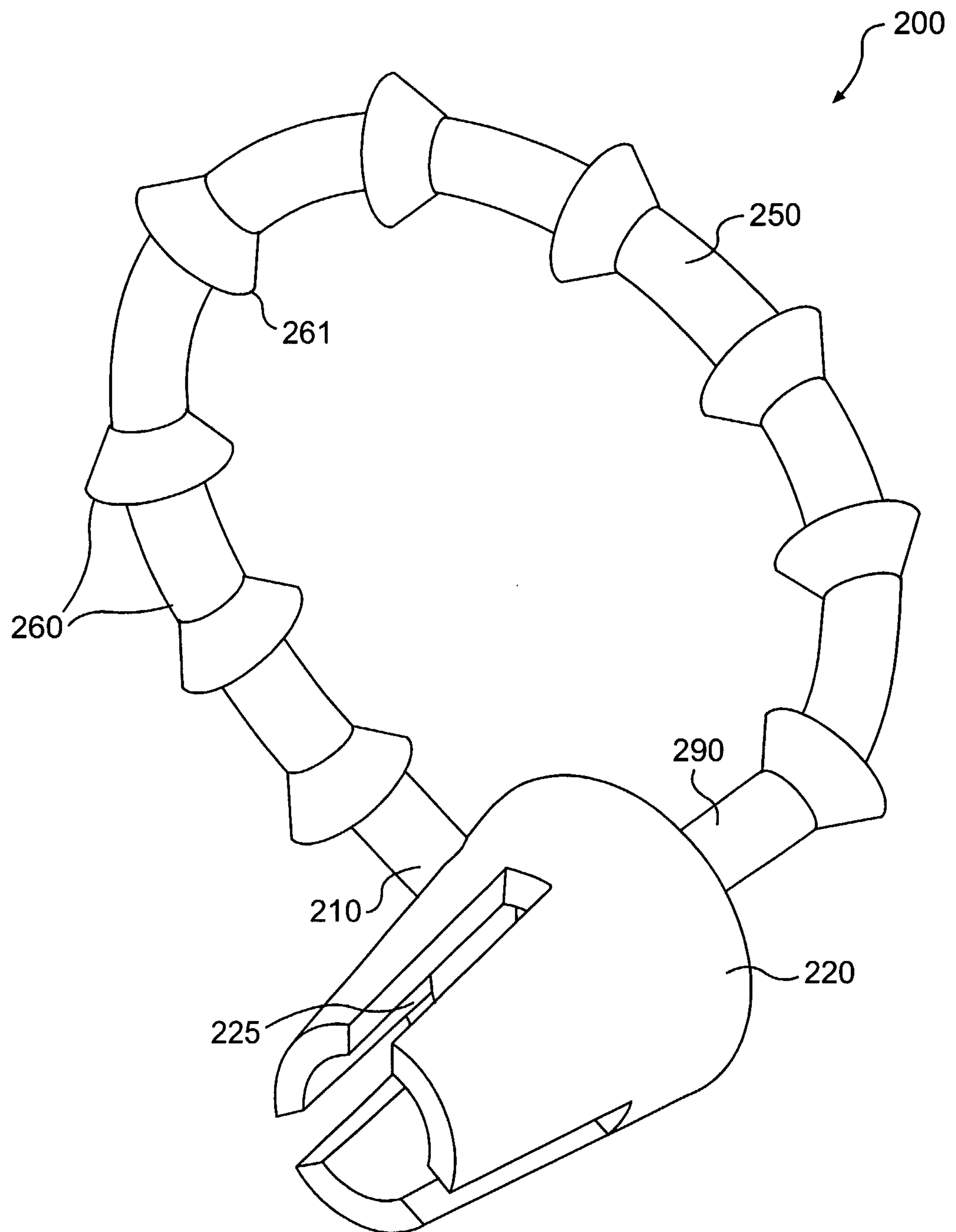
**FIG. 1B**



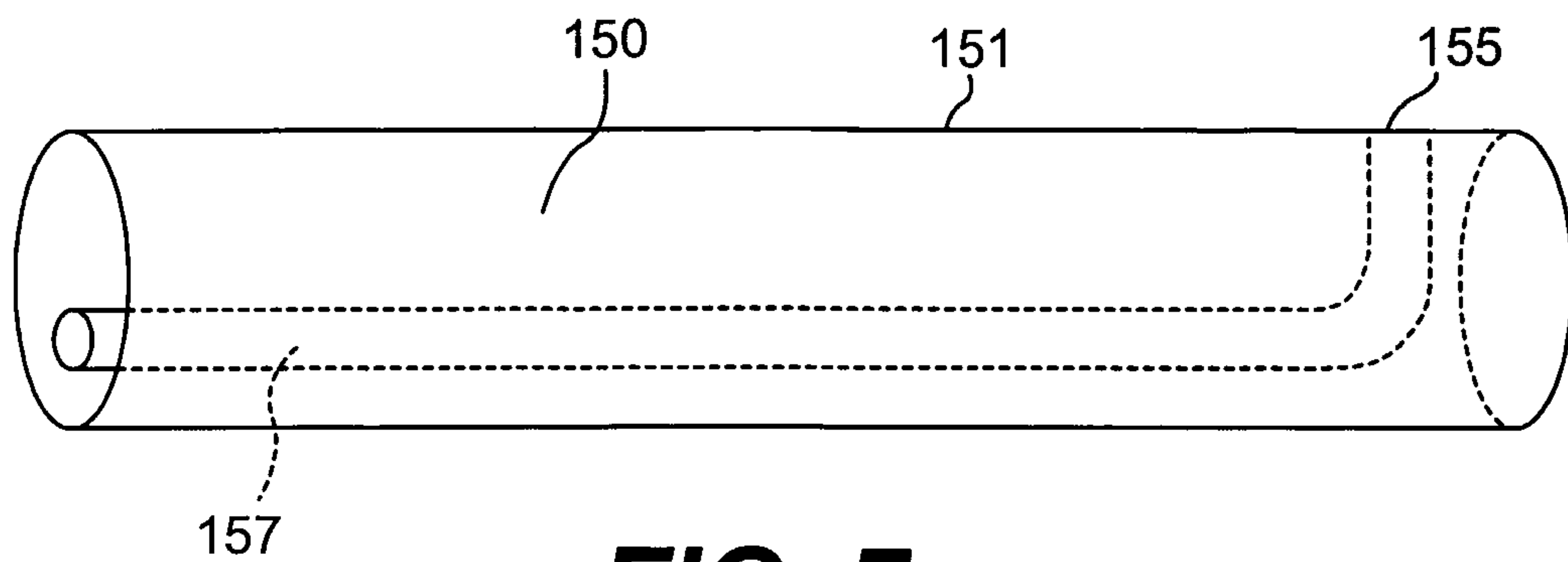
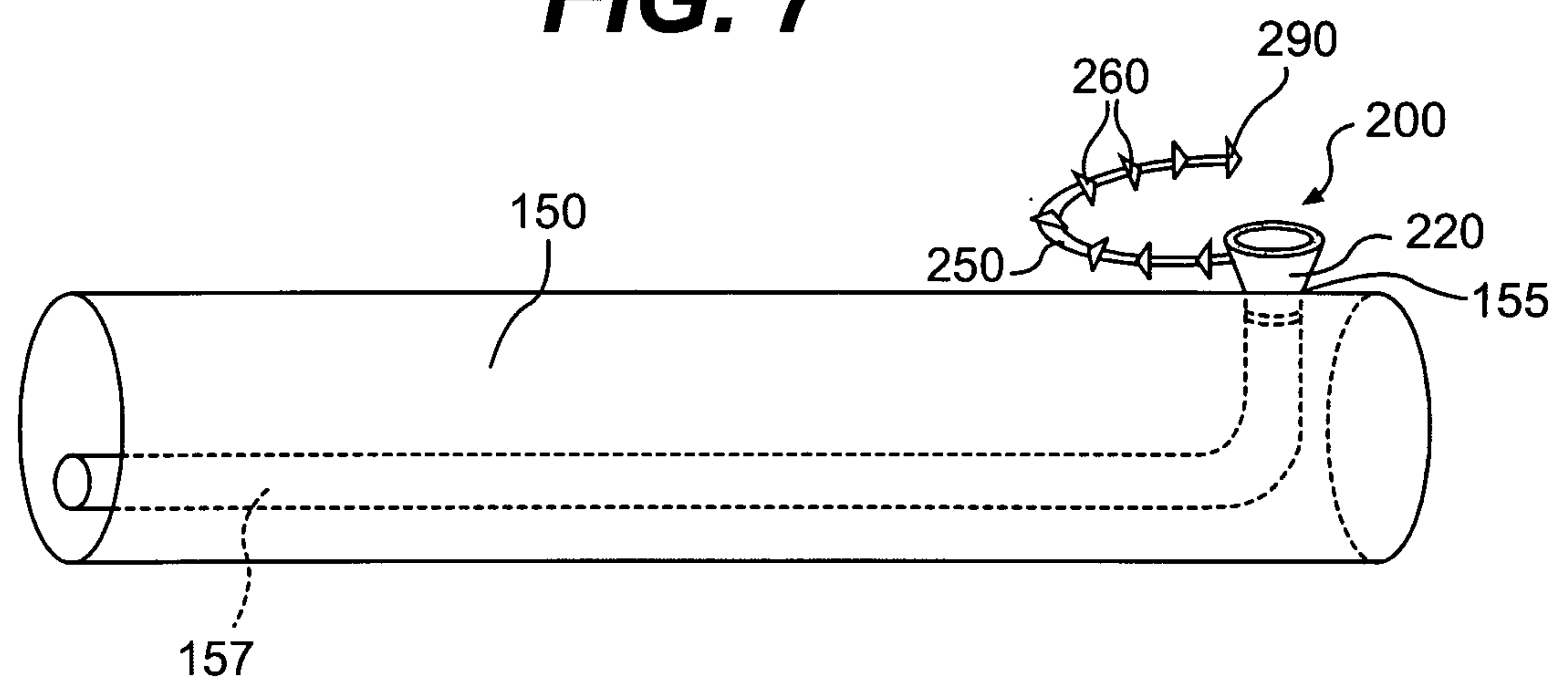
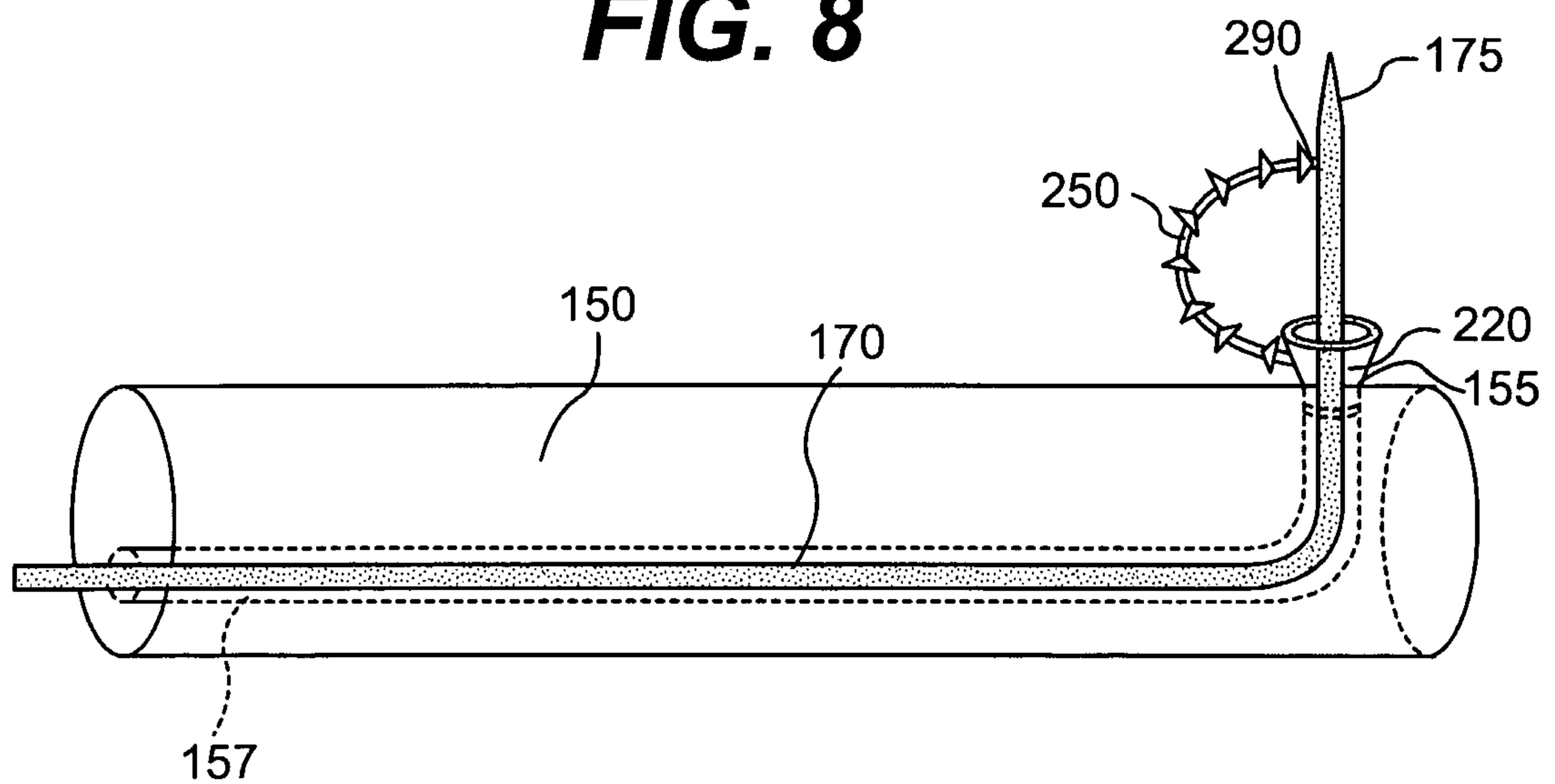
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**FIG. 3A****FIG. 3B****FIG. 4A****FIG. 4B****FIG. 4C****FIG. 5A****FIG. 5B**

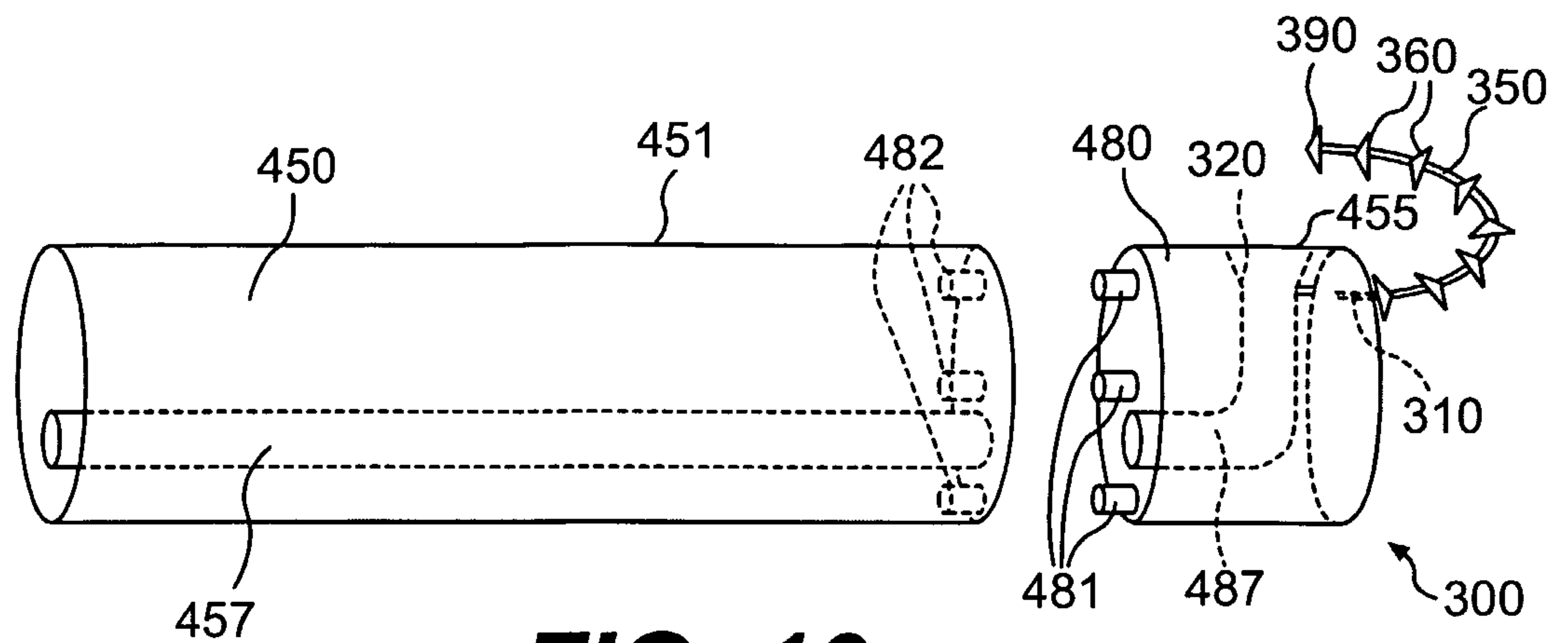
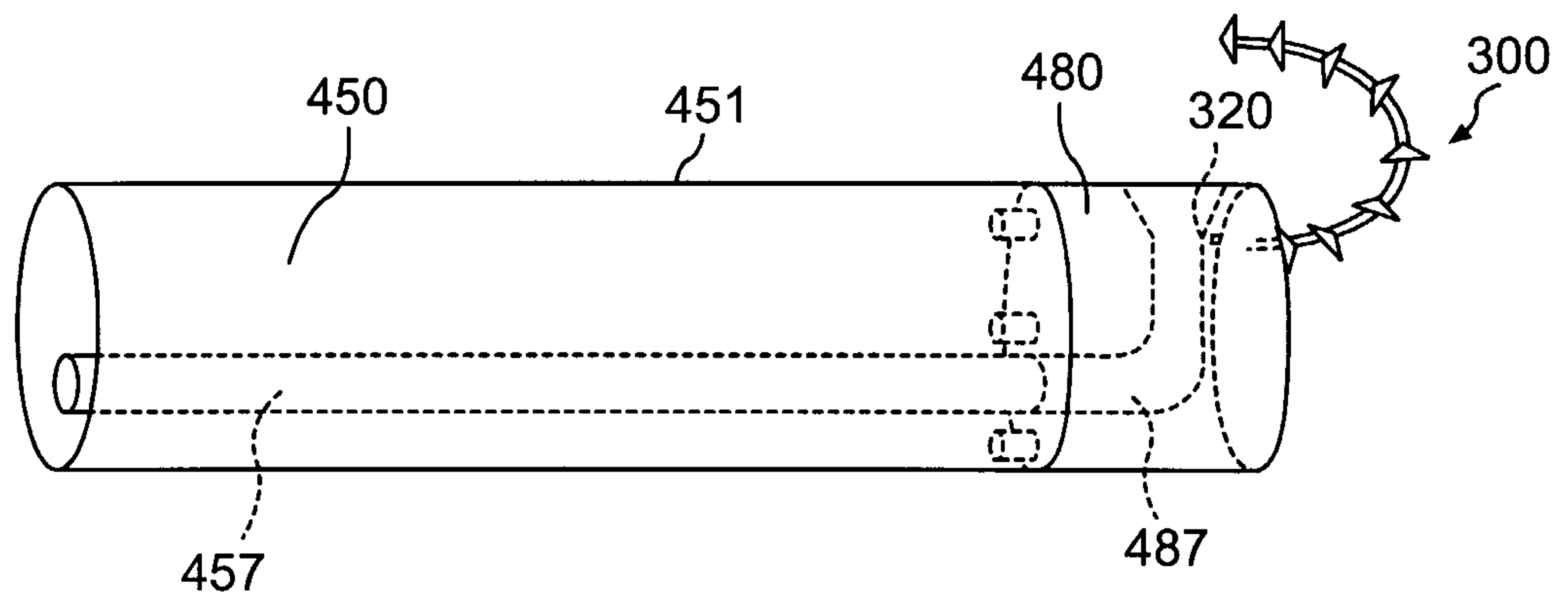
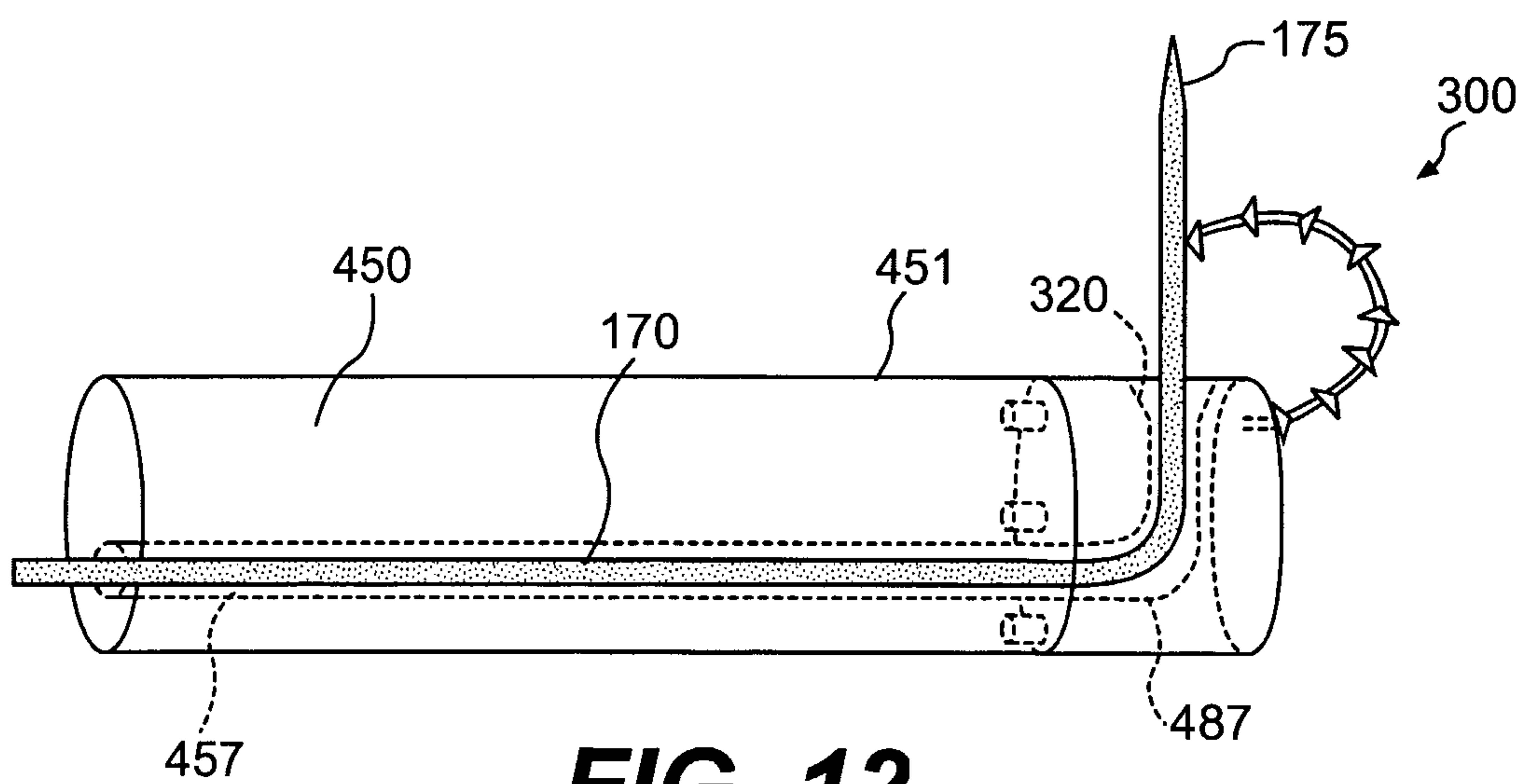
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**FIG. 6**

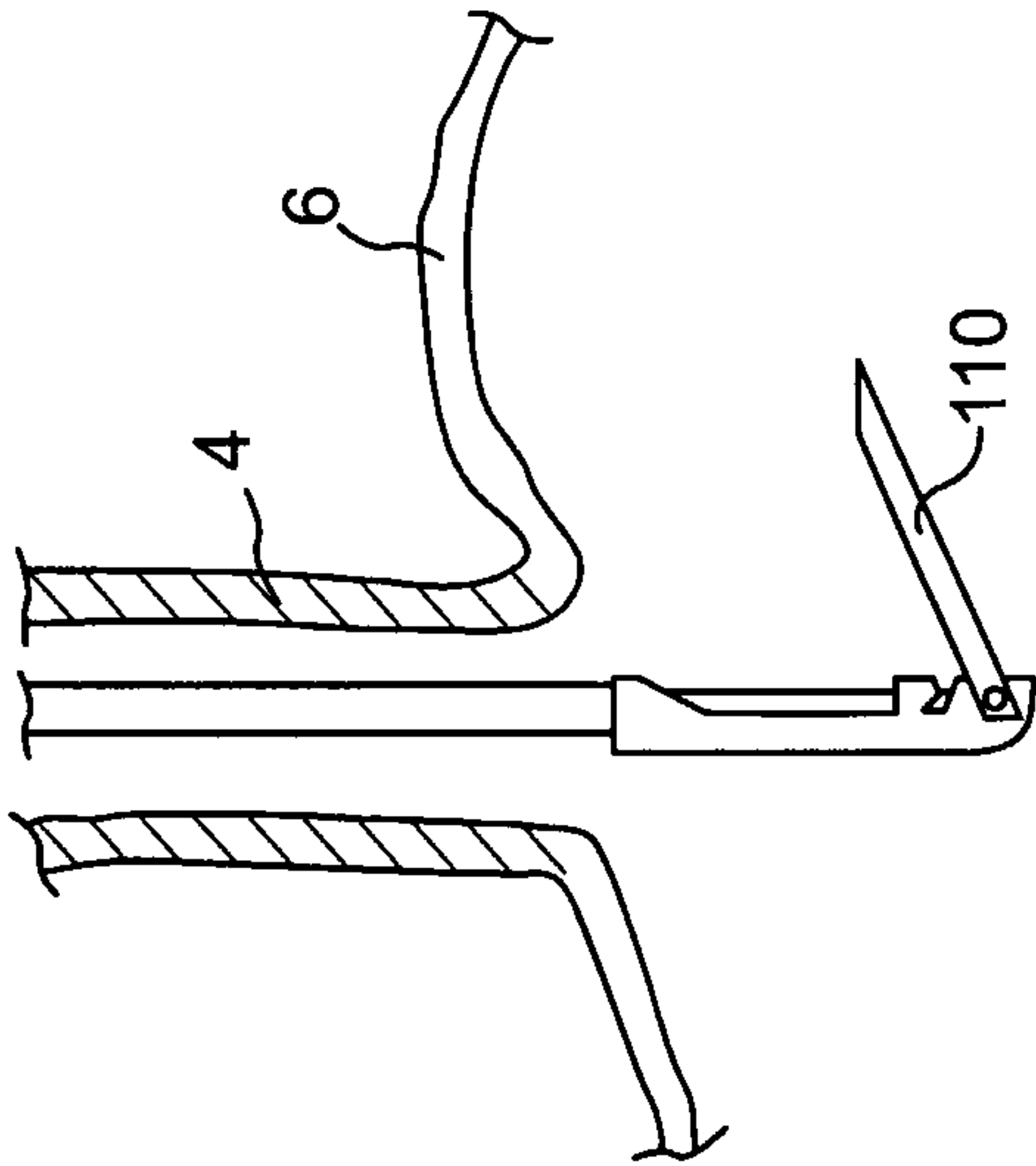
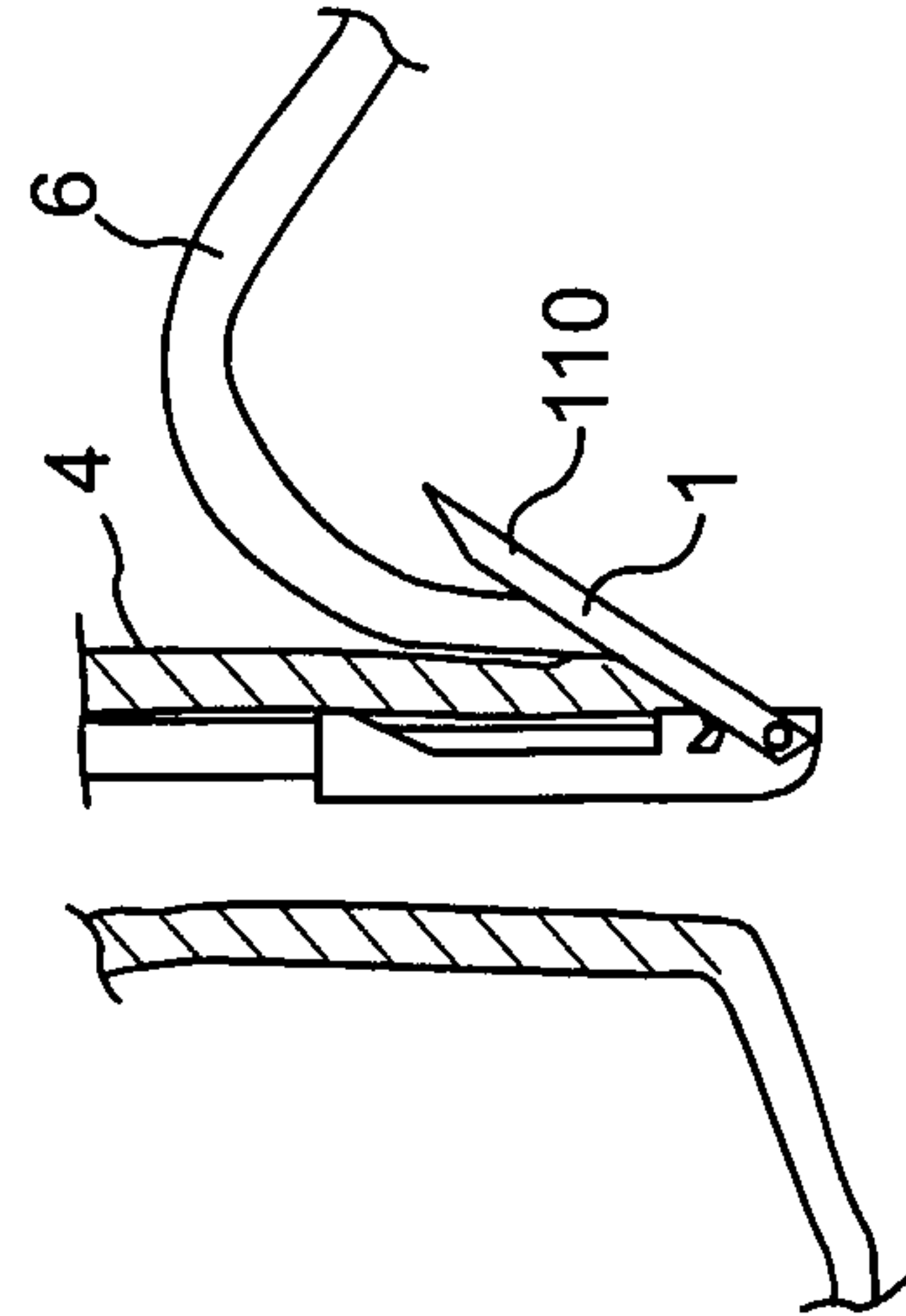
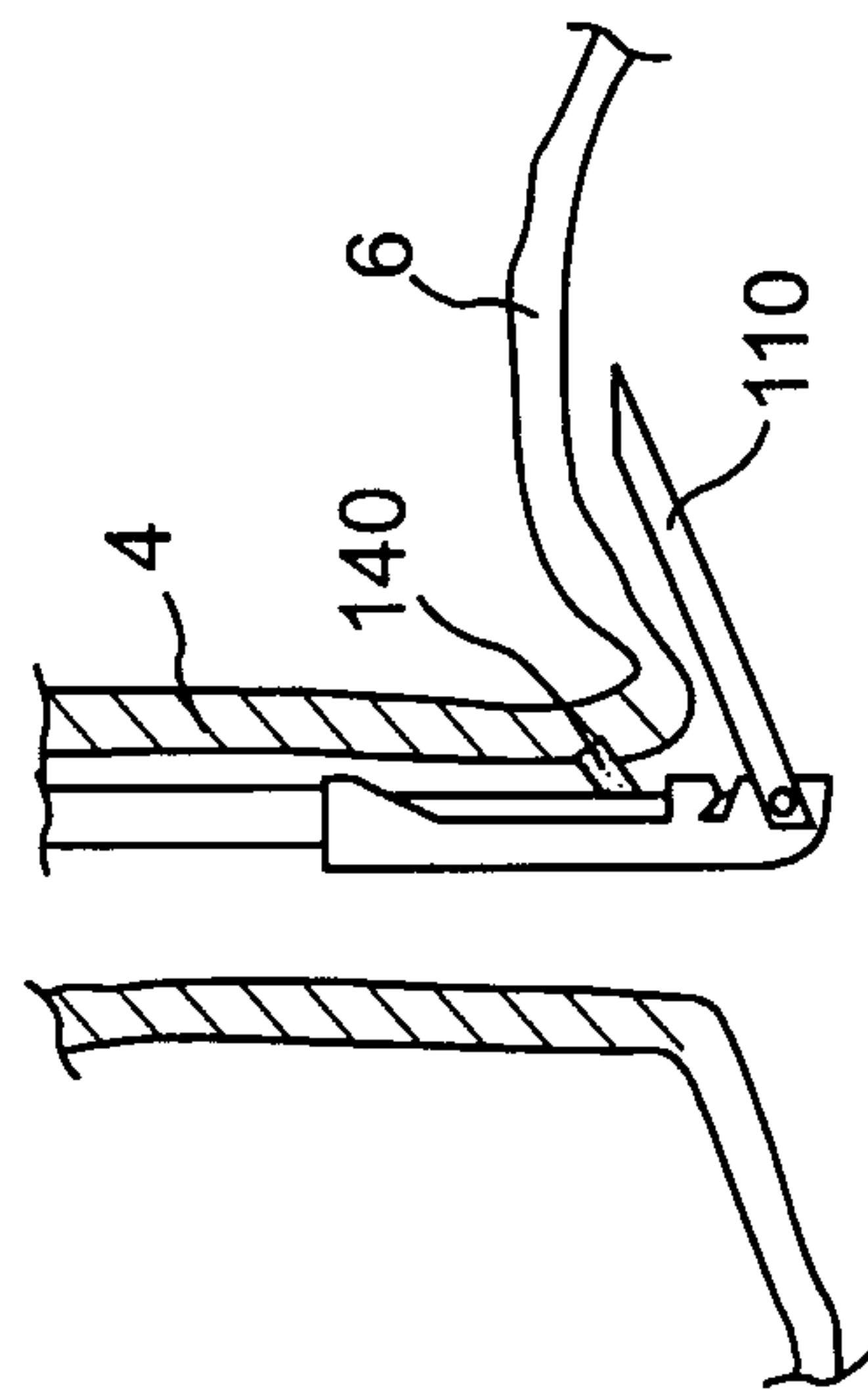
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**FIG. 7****FIG. 8****FIG. 9**

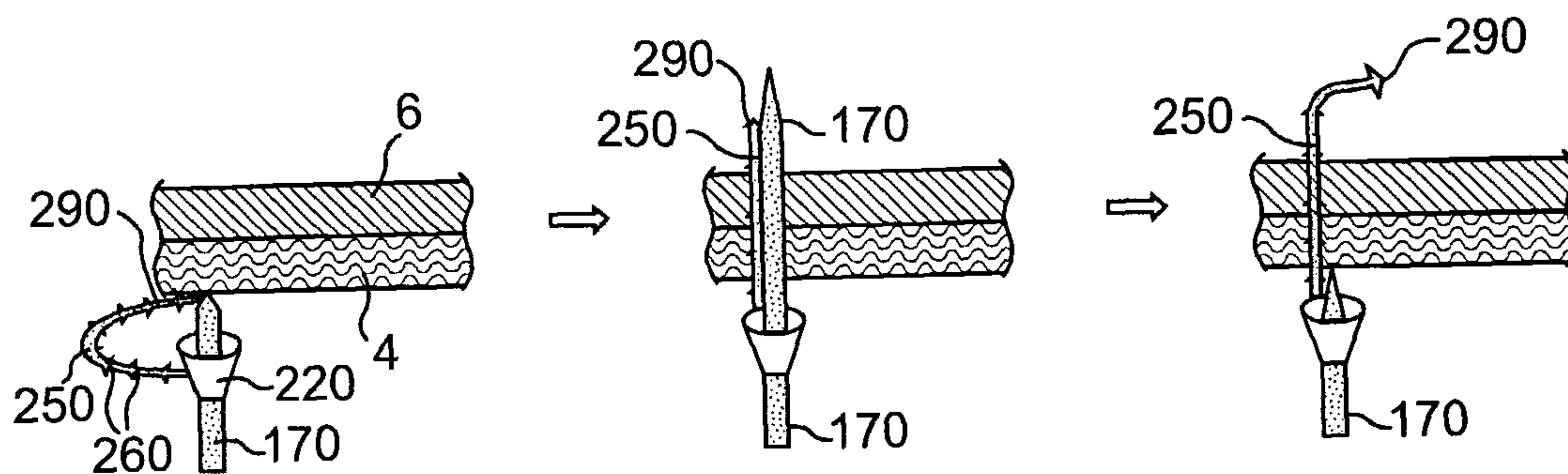
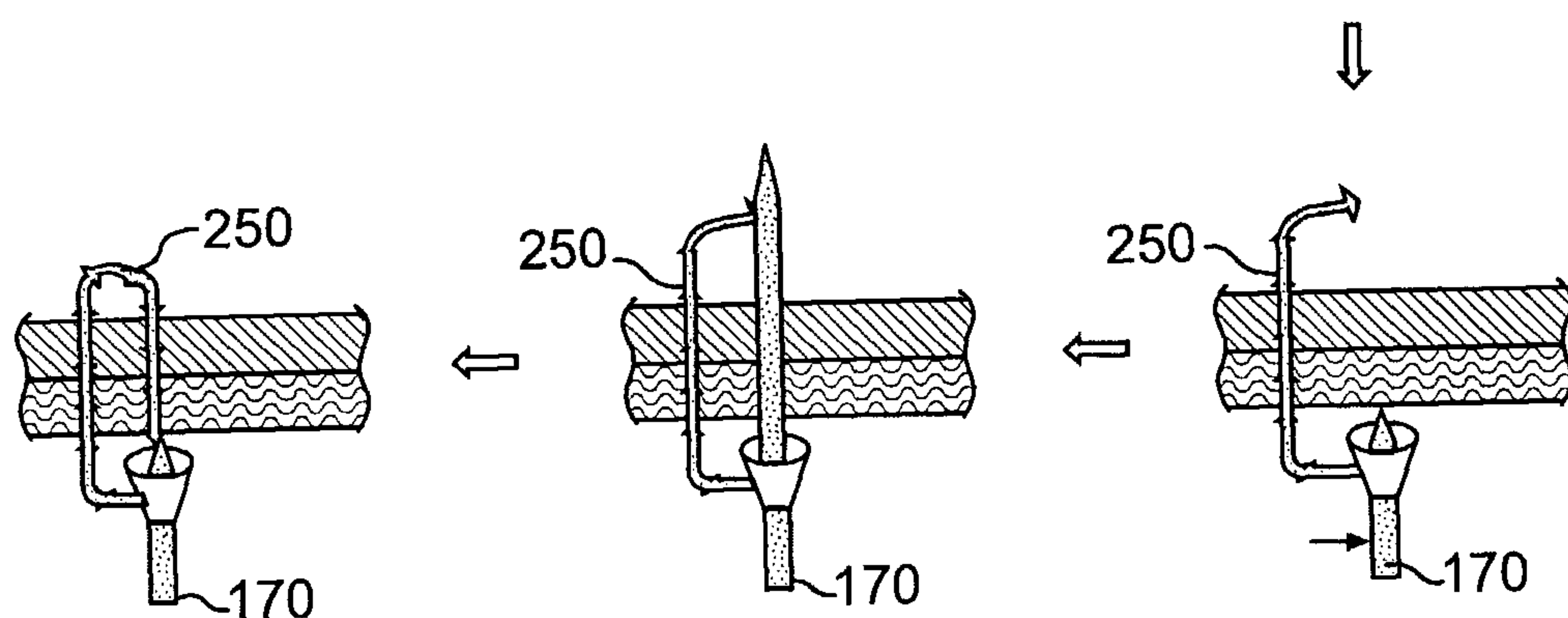
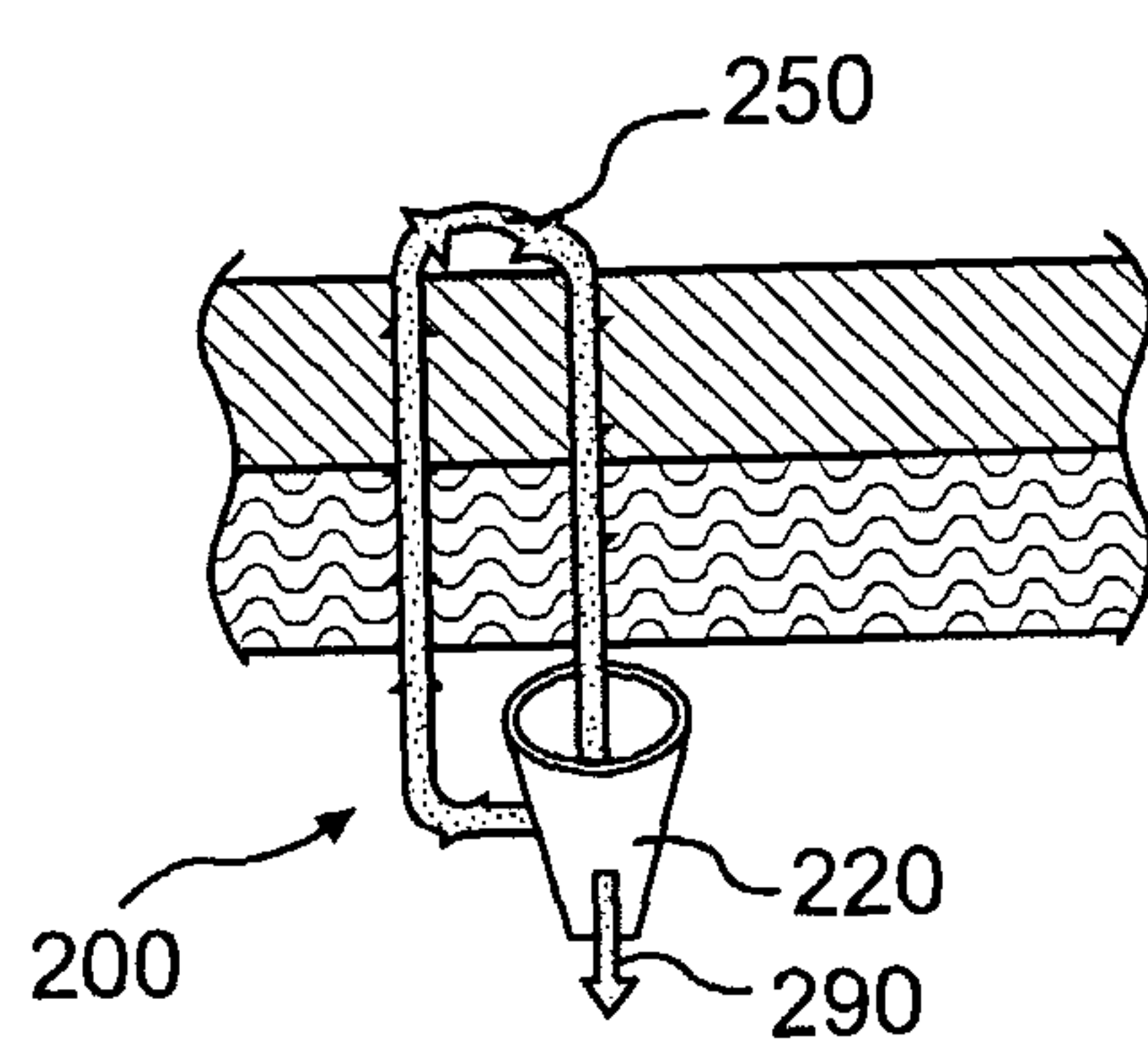
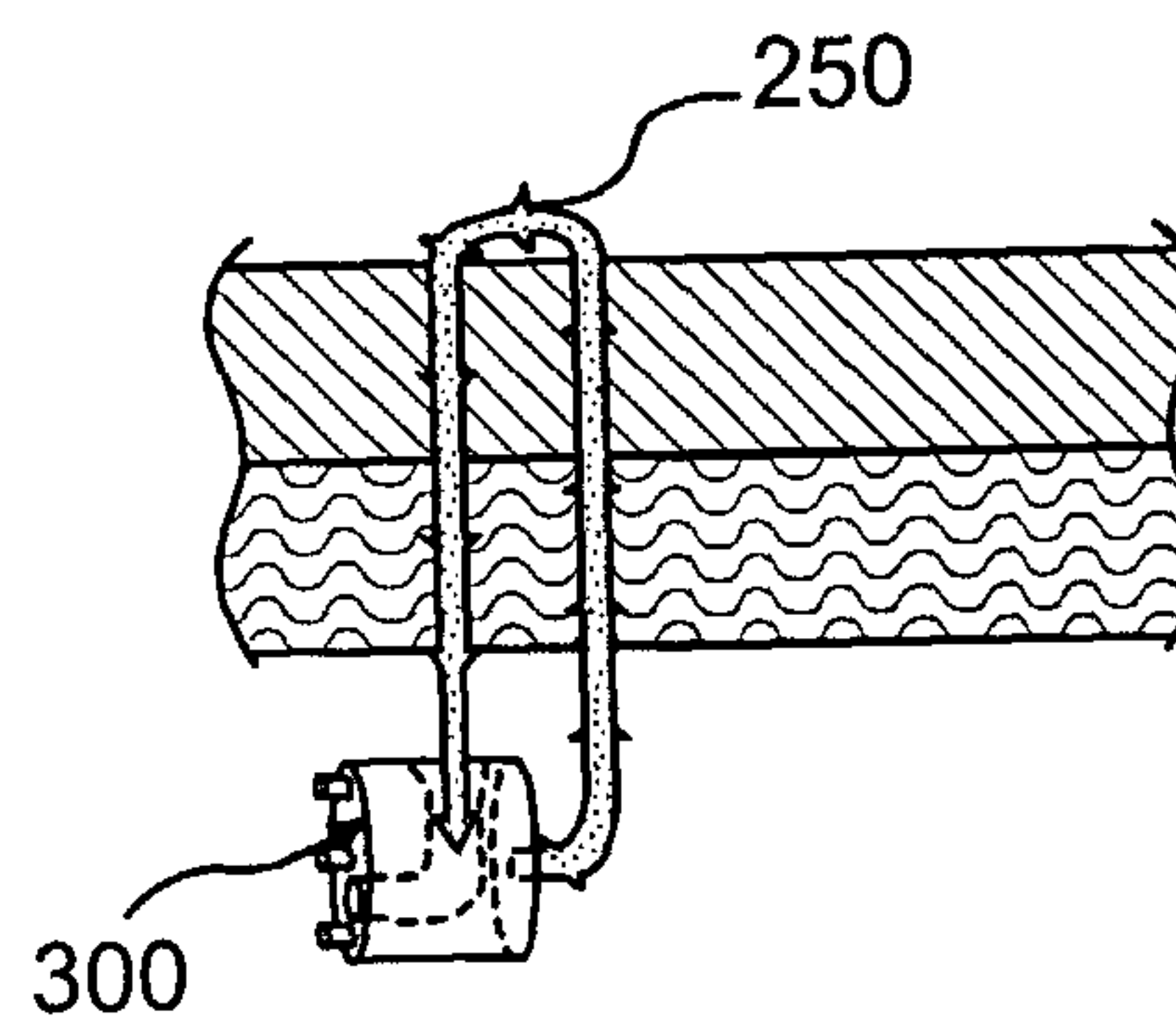
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**FIG. 10****FIG. 11****FIG. 12**

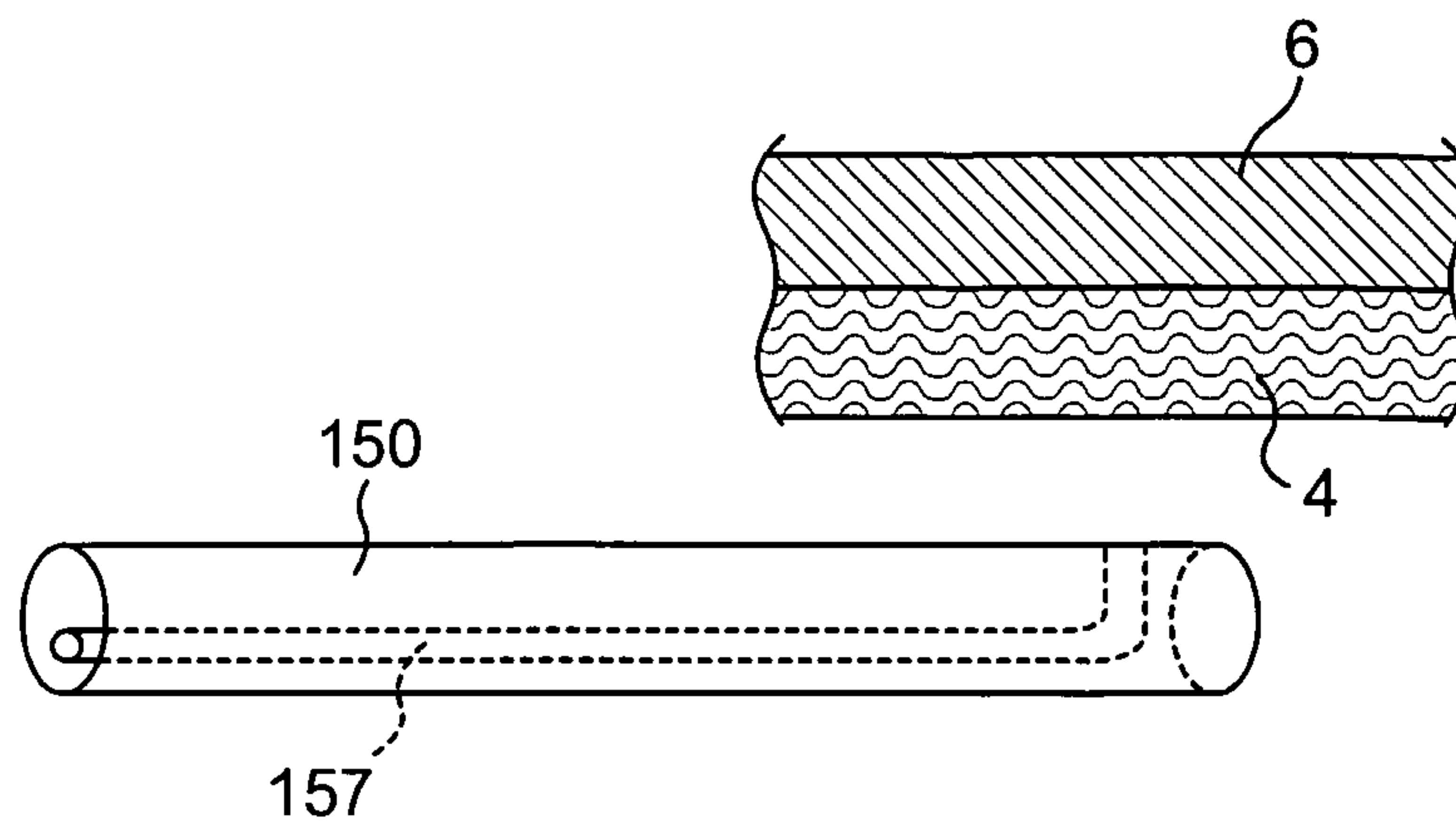
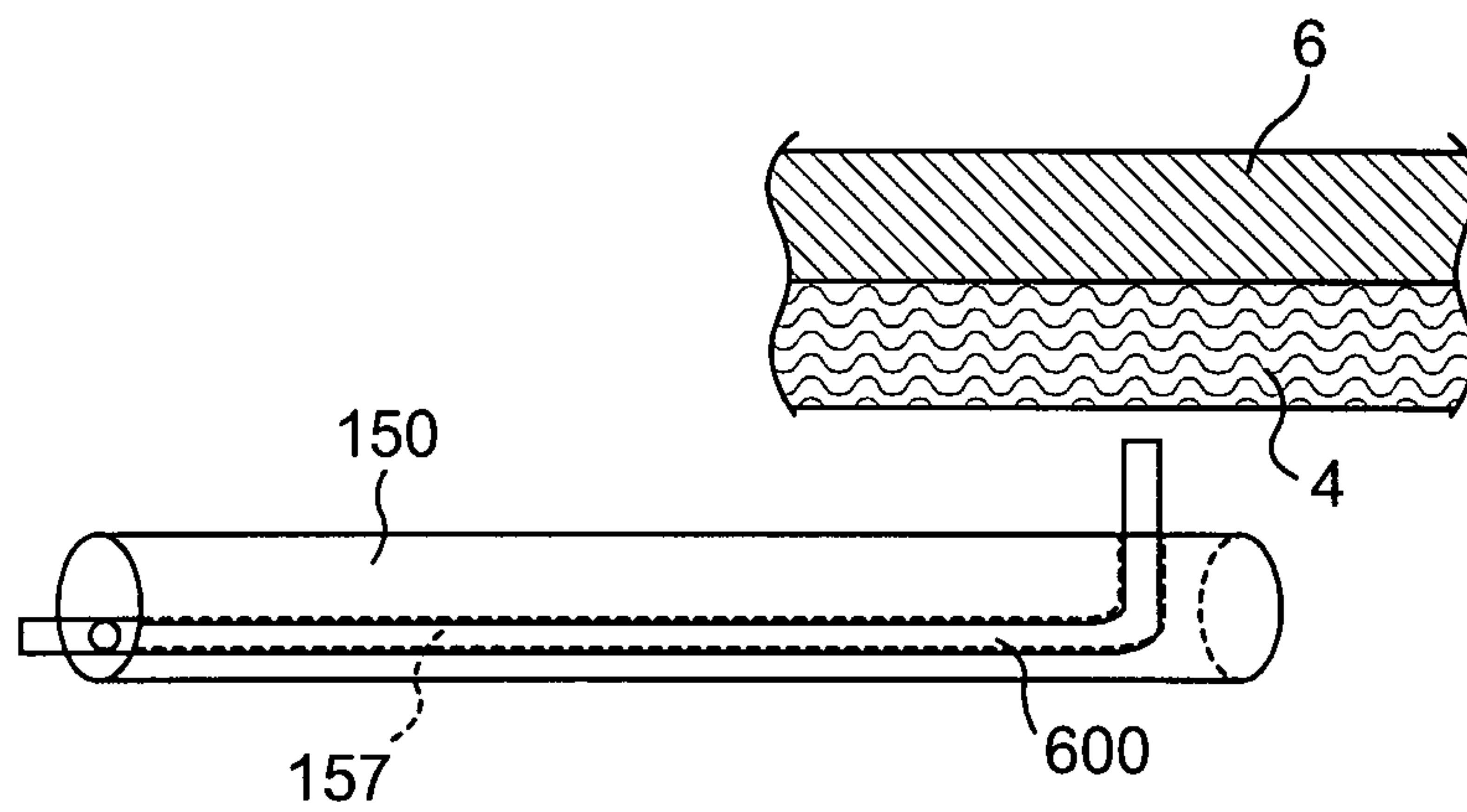
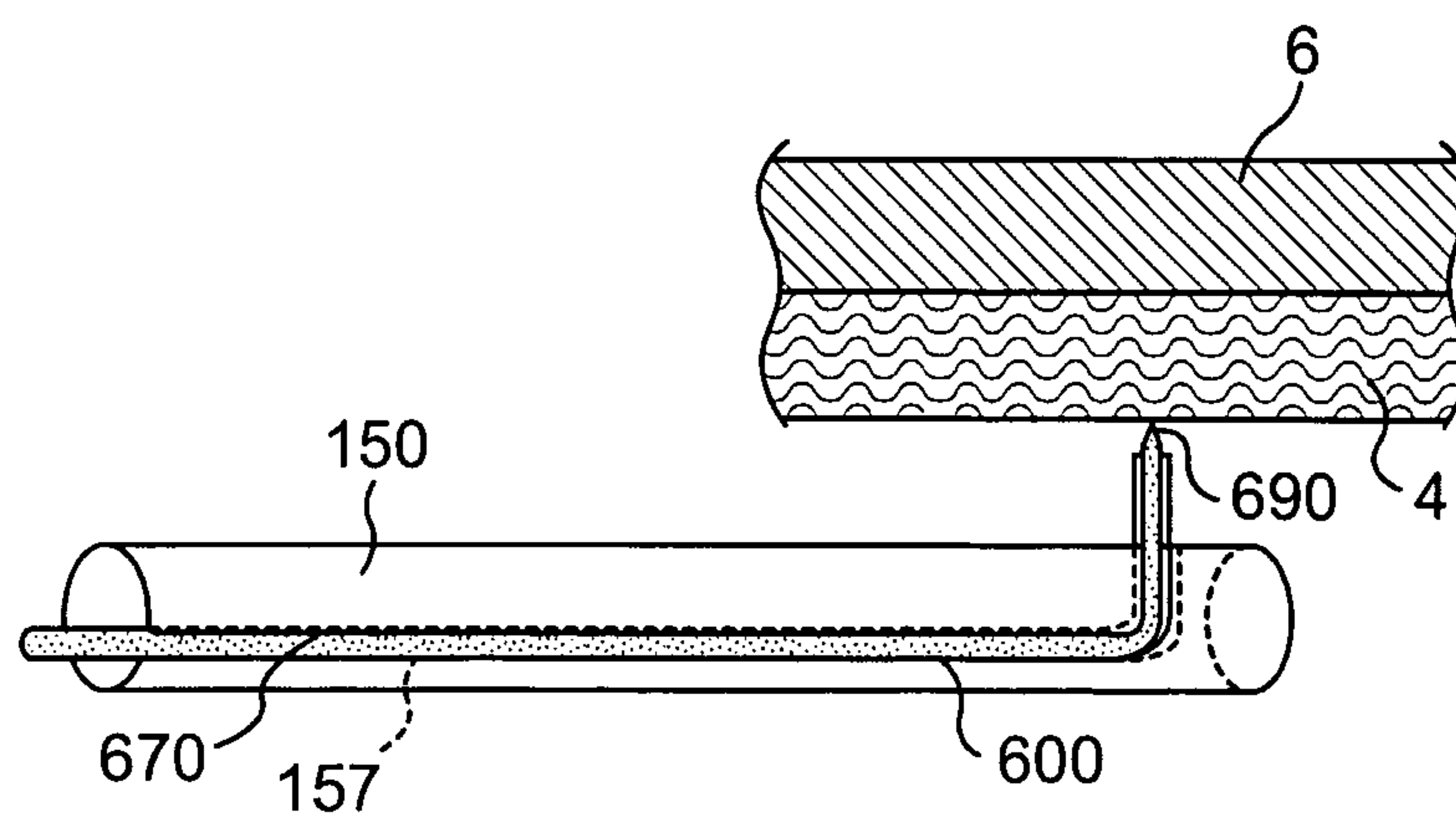
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**FIG. 13****FIG. 14****FIG. 15****FIG. 16**

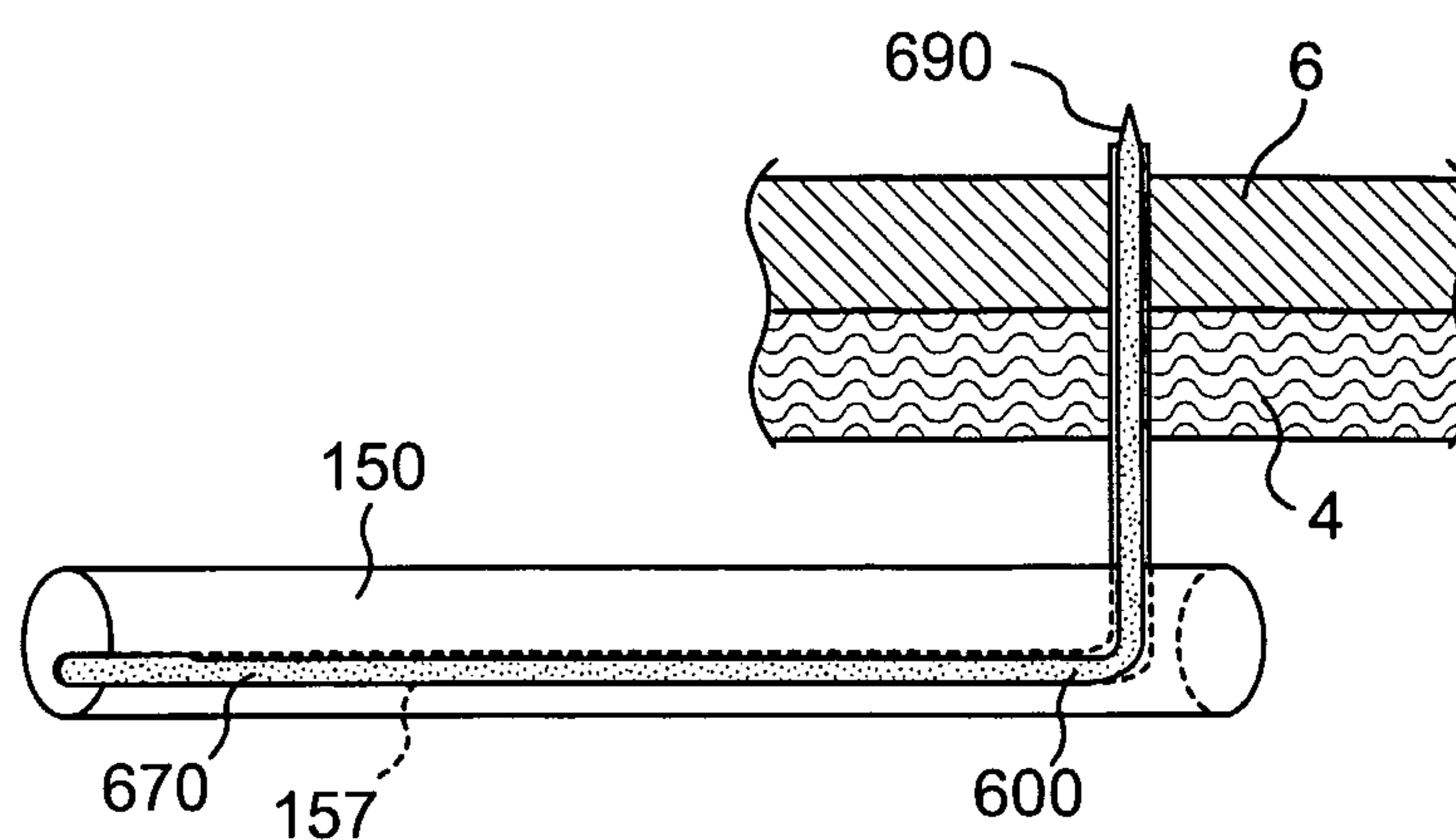
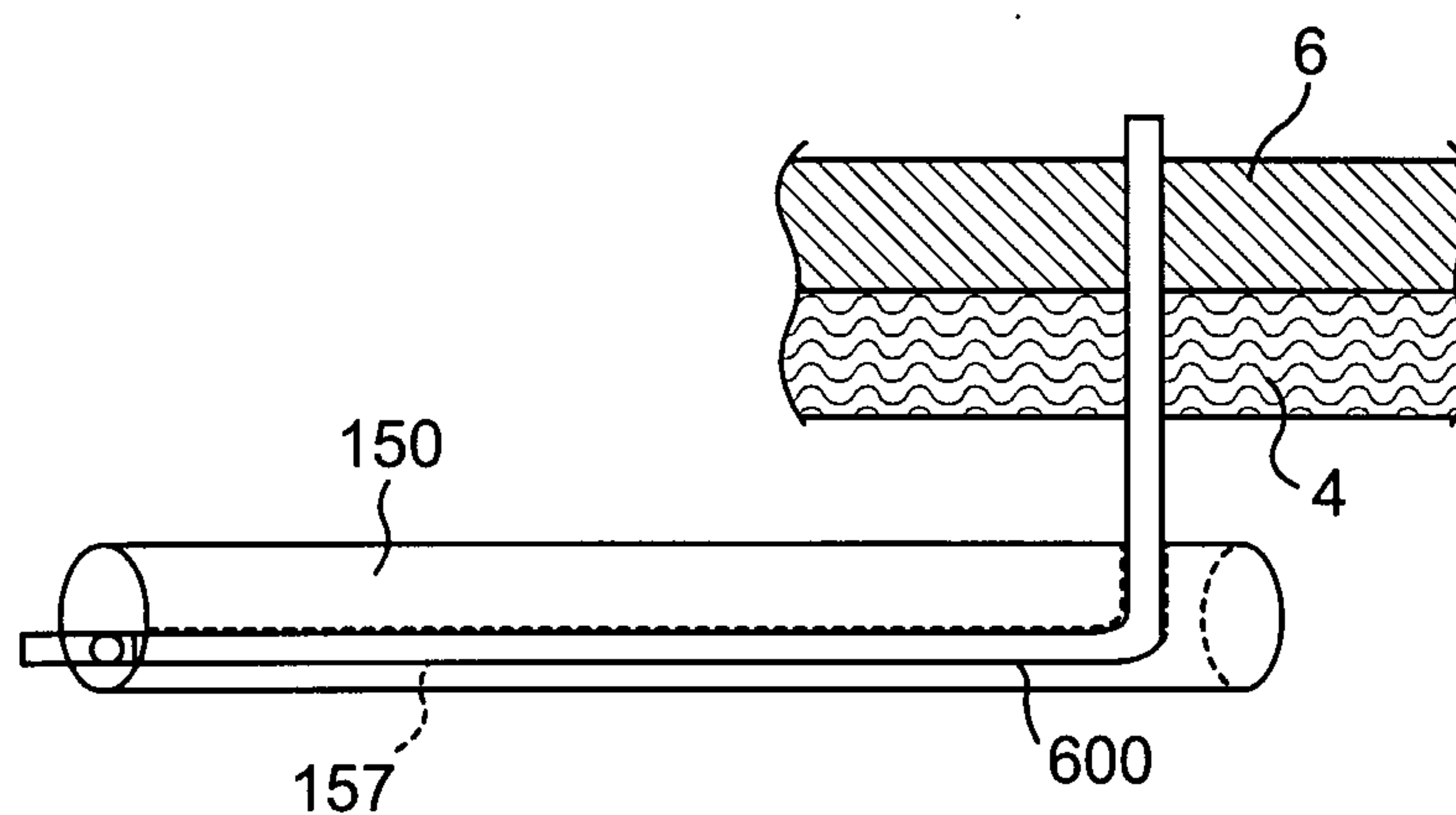
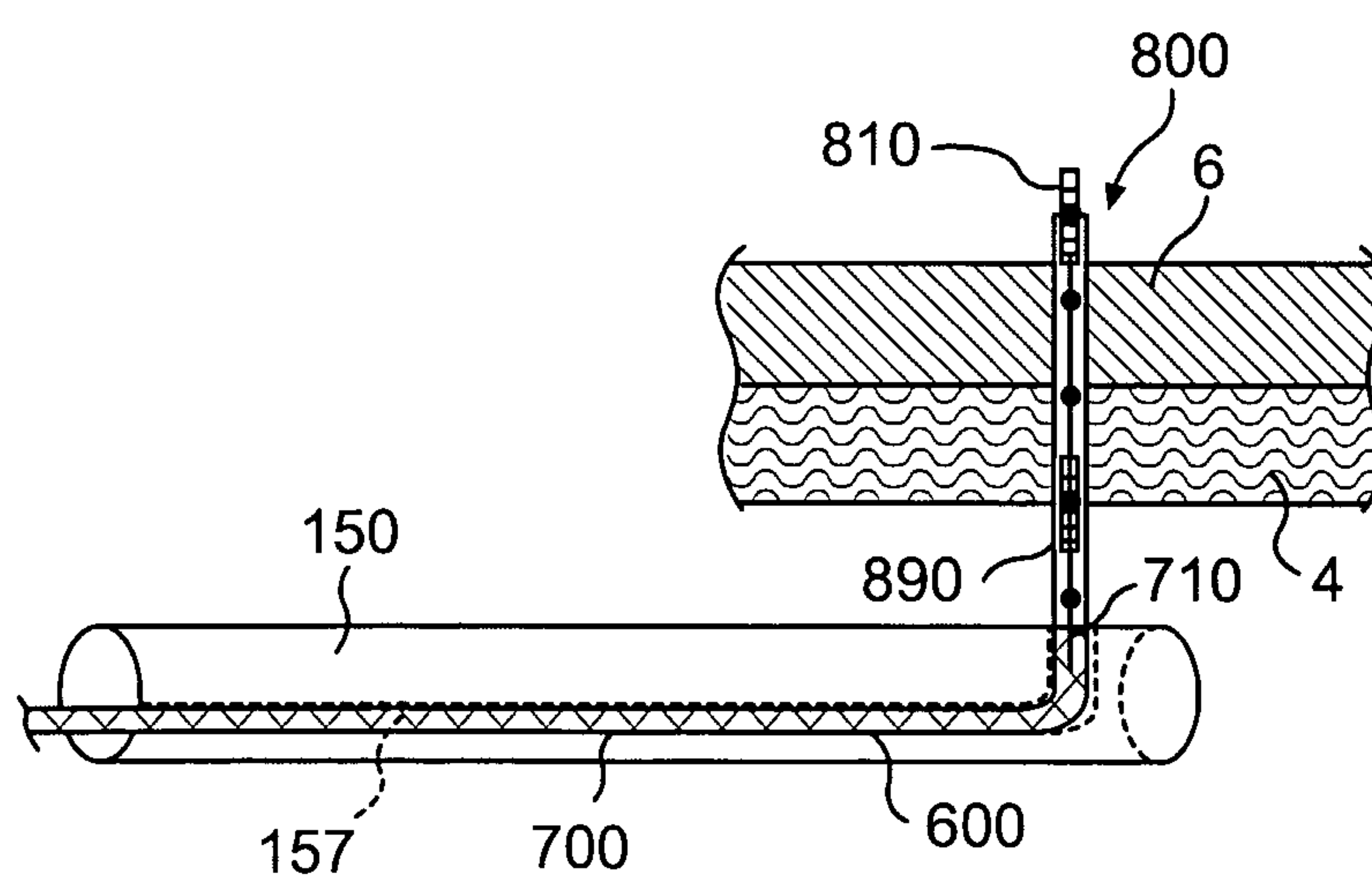
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**FIG. 17****FIG. 18****FIG. 19****FIG. 22****FIG. 21****FIG. 20****FIG. 23****FIG. 24**

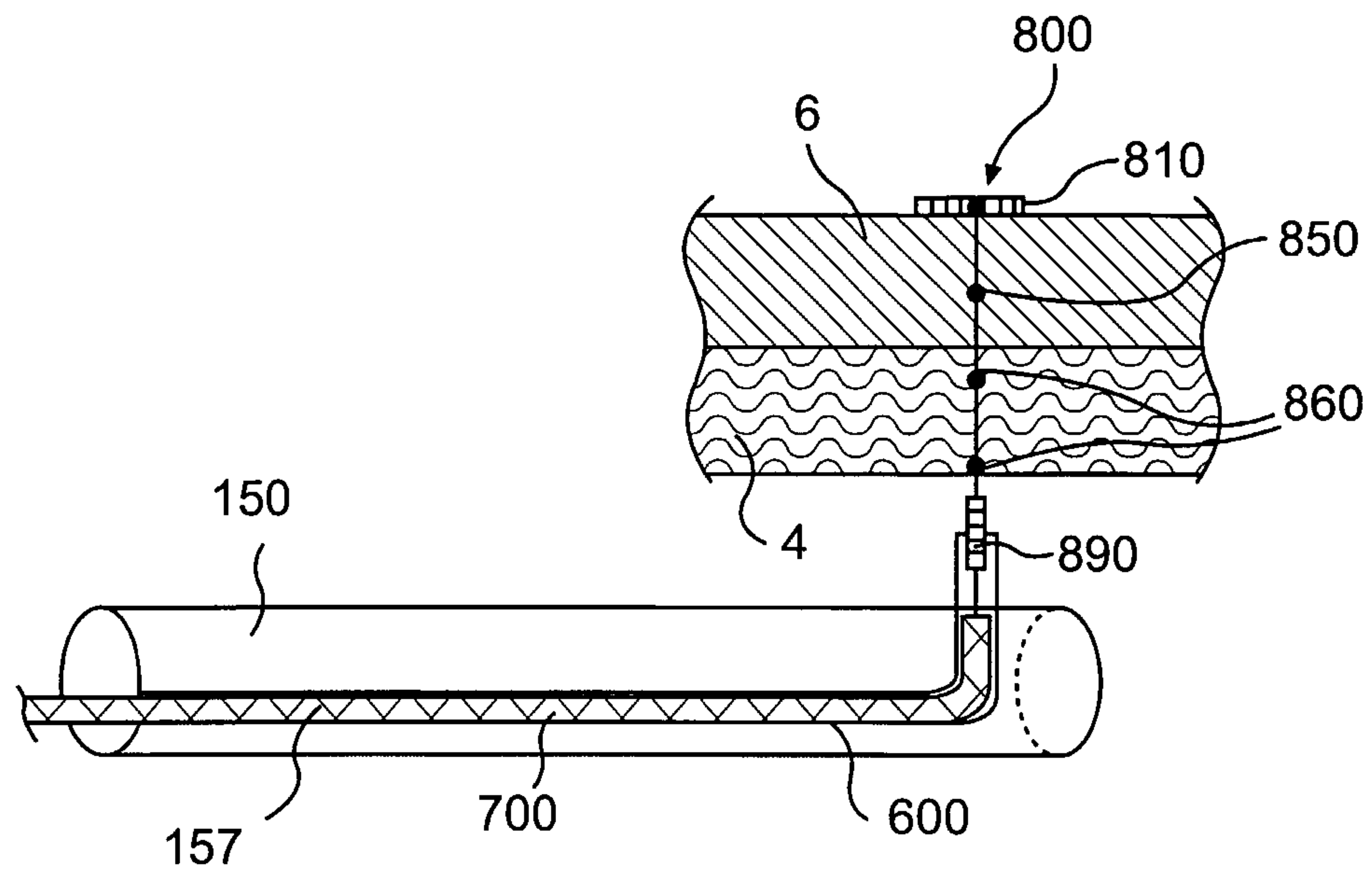
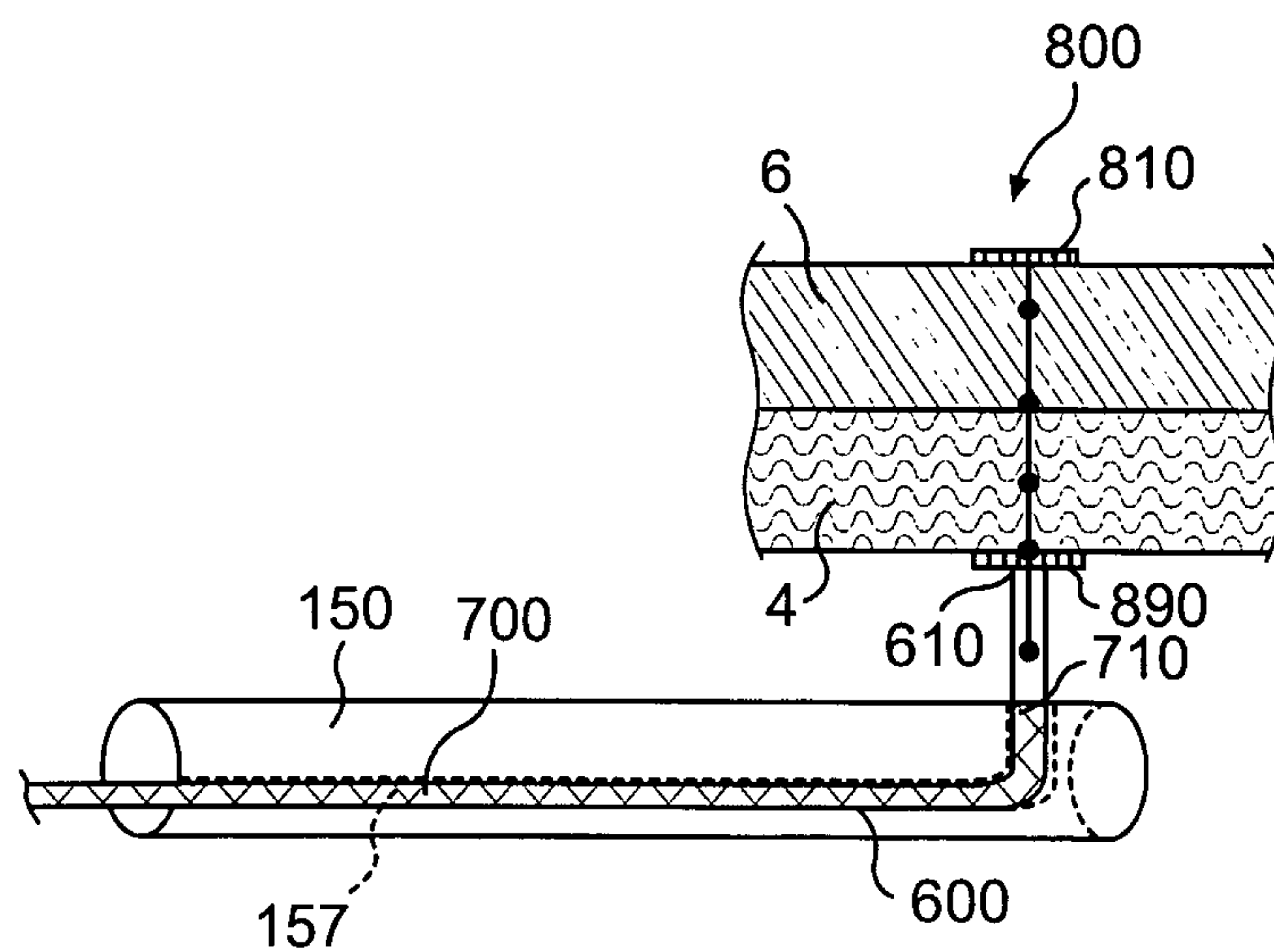
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**FIG. 25****FIG. 26****FIG. 27**

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**FIG. 28****FIG. 29****FIG. 30**

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**FIG. 31****FIG. 32**

