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(54) Title: HIGH TORQUE GUIDEWIRE DEVICE

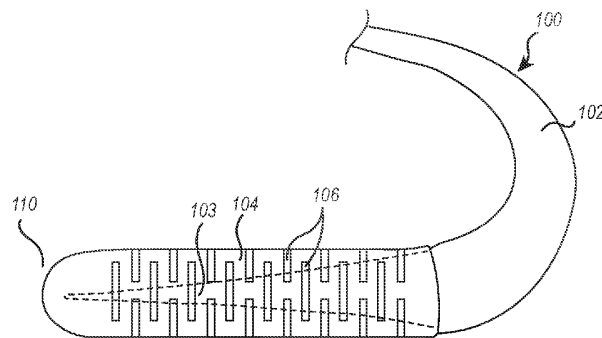


FIG. 1

(57) Abstract: Disclosed is a guidewire configured to provide high torsional stiffness without detrimentally increasing bending stiffness. Such a device provides a high ratio of torsional stiffness to bending stiffness. The guidewire device includes a core with a proximal section and a distal section. The distal section of the core is coupled to a microfabricated outer tube such that the distal section of the core passes into and is encompassed by the outer tube.

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