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(54) **Title:** GUIDEWIRE DEVICE WITH CORE ALIGNMENT MECHANISM

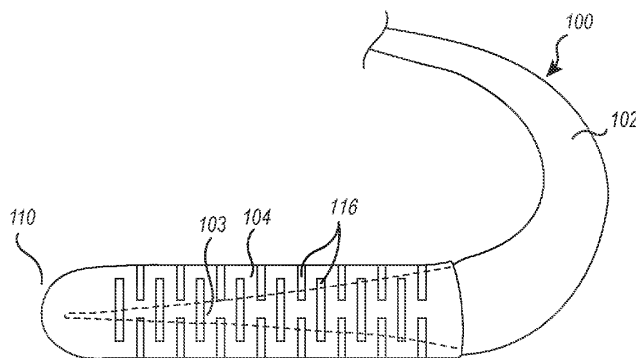


FIG. 1

(57) **Abstract:** Disclosed are guidewire devices, systems and methods of use, for example, in navigating tortuous environments like the human brain. The disclosed guidewires include a core that extends into an outer tube, where the distal section of the core may taper near its distal end. The guidewires may further include a washer having a slot to accommodate the distal core and maintain alignment of the distal core relative to the outer tube. When the outer tube is bent, the distal core will also bend such that the curvature of the distal core matches the curvature of the outer tube, due to the placement of the washer.



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