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- [54] **METHOD AND APPARATUS FOR PLACEMENT OF AN EMBOLIC COIL**
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[57] ABSTRACT

Method and apparatus for placing therapeutic devices such as embolic coils includes a probe assembly carried within a catheter. The probe assembly includes a fiber-optic cable with a connector retained thereon by crimping. The connector has a cable-receiving end resembling a ferrule, which is crimped about the cable. The other end of the connector provides mounting of a therapeutic device, such as an embolic coil. Heat releasable adhesive bonds the therapeutic device to the mounting portion of the connector. Laser energy transmitted through the fiber-optic cable is converted to heat by the connector, which thereupon becomes heated, releasing the adhesive bond between the connector and the therapeutic device. The probe assembly can then be withdrawn from the treatment site.

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13 Claims, 2 Drawing Sheets

