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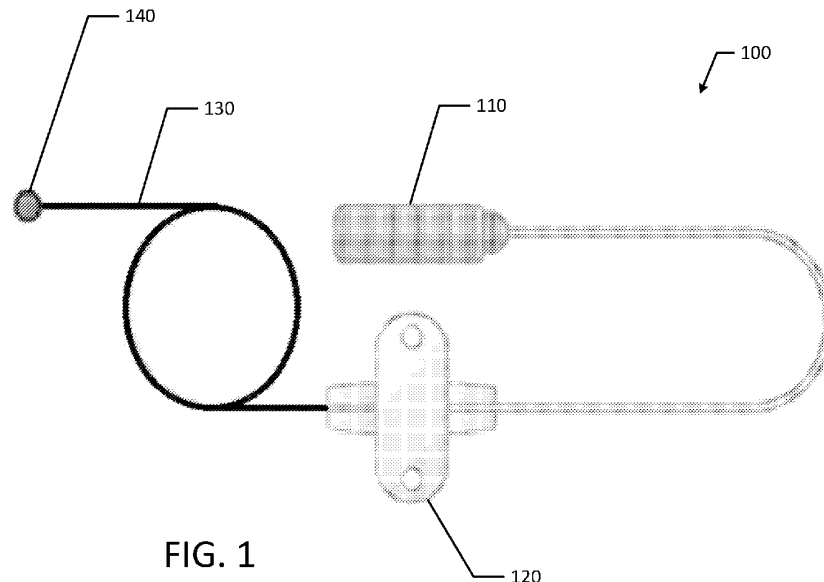


FIG. 1

(57) Abstract: A vascular monitoring system includes a collar configured to be positioned about a patient's vessel and a transducer coupled to the collar. The collar may be formed by a strap that is wrapped around the patient's vessel and maintained in a closed configuration. The transducer is configured to emit an ultrasonic signal that is transmitted through the patient's vessel.

[Continued on next page]

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