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(54) Title: SYSTEM FOR PROVIDING FLUID FLOW TO NERVE TISSUES

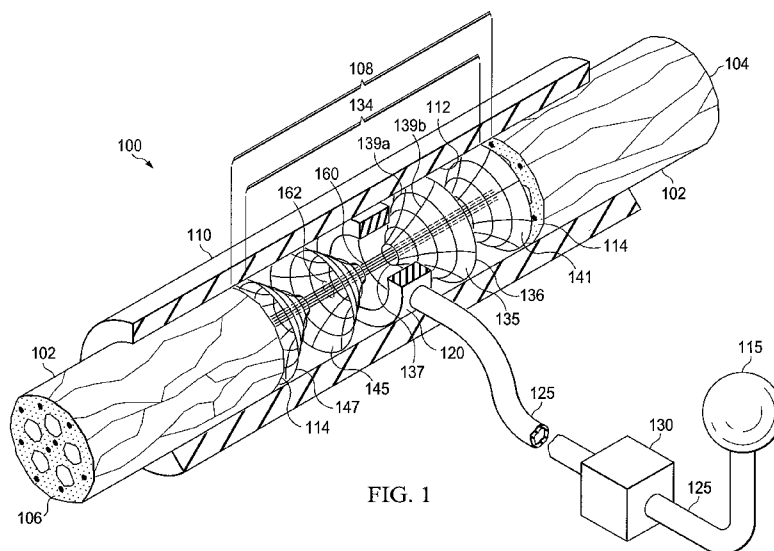


FIG. 1

(57) Abstract: Provided is an apparatus that includes a nerve conduit and a nested manifold for providing a reduced pressure. Also provided is a system that includes a source of reduced pressure, a nerve conduit and nested manifold, and a conduit for providing fluid communication between the manifold and the source of reduced pressure. Additionally provided is a method that includes implanting the above nerve conduit and manifold at a site of damaged nerve tissue and applying a reduced pressure to the manifold thereby stimulating repair or regrowth of nerve tissue.



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