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(71) Applicant (for all designated States except US): **KCI LICENSING, INC.** [US/US]; Legal Department - Intellectual Property, P.O.Box 659508, San Antonio, TX 78265-9508 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SWAIN, Larry** [US/US]; 12519 Elm County Lane, San Antonio, TX 78230 (US). **MANWARING, Michael** [US/US]; 16703 Weyburn, San Antonio, TX 78248 (US). **LEUNG, Braden** [US/US]; 17239 Shavano Ranch #14306, San Antonio, TX 78257 (US). **CORNET, Douglas** [US/US]; 502 Pueblo Vista, San Antonio, TX 78258 (US).

(74) Agents: **WEICH, Gerald, T.** et al.; Sonnenschein, Nath & Rosenthal LLP, P.O.Box 061080, Wacker Drive Station, Willis Tower, Chicago, IL 60606 (US).

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

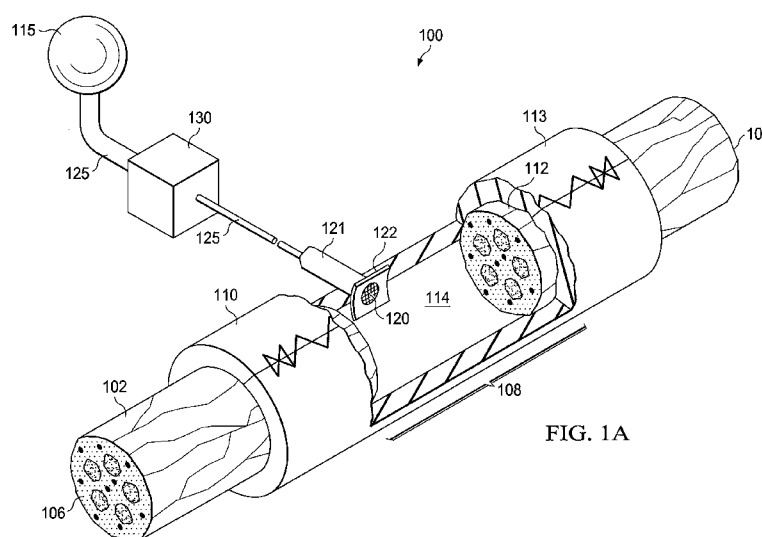


FIG. 1A

(57) Abstract: Provided is an apparatus that includes a nerve conduit, a manifold and a support structure for providing a reduced pressure. Also provided is a system that includes a source of reduced pressure, a nerve conduit, a manifold, a support structure and a conduit for providing fluid communication between the manifold support and the source of reduced pressure. Additionally provided is a method that includes implanting the above nerve conduit, manifold and support structure 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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