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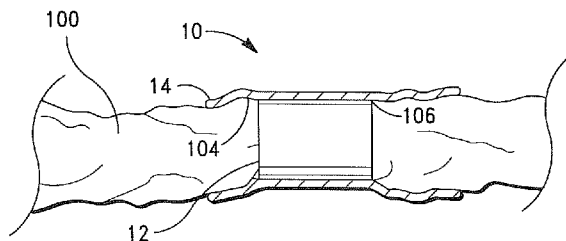
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FIG. 1B



(57) Abstract: A nerve regeneration device comprising a support structure having an outer surface and a plurality of conduits extending therethrough, the support structure comprising a first extracellular matrix (ECM) material from a mammalian tissue source, the support structure outer layer including at least a first layer comprising a first ECM composition having at least a second ECM material from a mammalian tissue source. When the nerve regeneration device is deployed proximate damaged neural tissue, the device induces modulated healing of the damaged tissue.

