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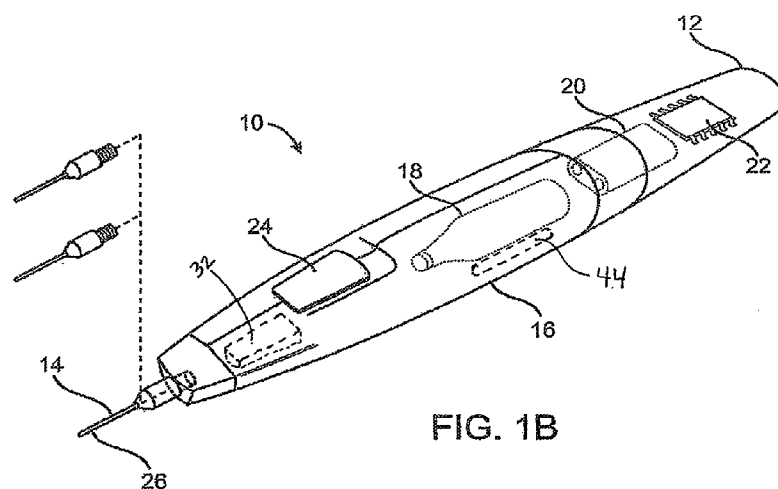
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(54) Title: INTEGRATED CRYOSURGICAL SYSTEM WITH REFRIGERANT AND ELECTRICAL POWER SOURCE



(57) Abstract: A system for treating tissue in a patient includes a body having a cooling fluid supply path and a tissue piercing probe in fluid communication with the cooling fluid supply path. The probe extends distally from the body and is insertable into the tissue through the patient's skin. A cooling fluid source is fluidly coupled with the probe such that when cooling is initiated, cooling fluid flows in the probe thereby cooling the probe and any adjacent tissue. A heater element is in thermal engagement with the cooling fluid source and a power source provides power to the heater element thereby heating the cooling fluid. The power source has sufficient power to heat the cooling fluid to at least a desired temperature but has insufficient power to heat the cooling fluid above a critical temperature which results in rupture of the cooling fluid source.