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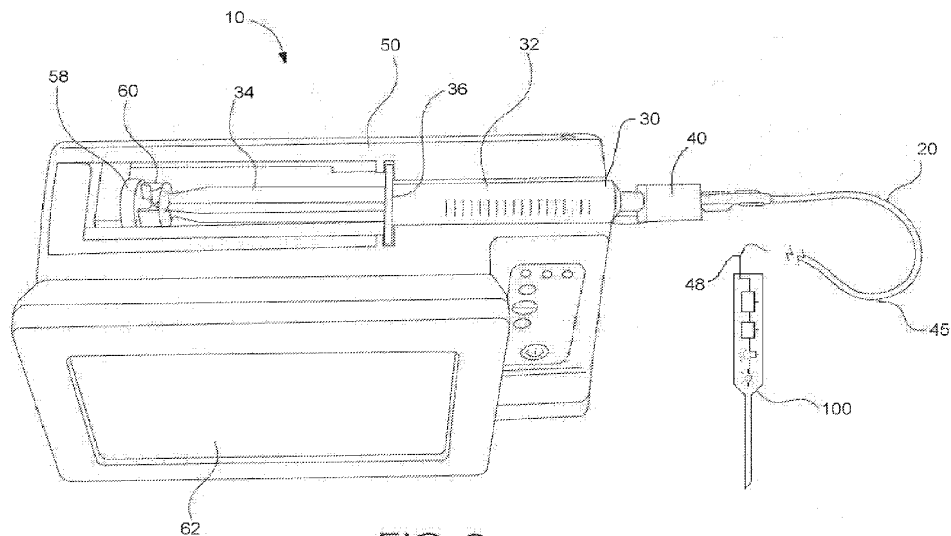


FIG. 2

(57) Abstract: A system for infusing medication into a mammalian subject is provided. The system includes an injection system for controlling a flow of fluid from a fluid reservoir to a needle. A sensor is provided that detects a characteristic indicative of the fluid pressure in the needle. The injection system controls the flow of fluid to the needle in response to the characteristic detected by the sensor and the sensor continuously detects the characteristic as the needle is inserted into the subject. The system further includes a conductive element for providing electric nerve stimulation, wherein the system provides electric nerve stimulation in response to the sensor detecting a pressure exceeding an upper limit.

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