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(54) Title: METHOD OF TREATMENT OF DRUG RESISTANT HYPERTENSION

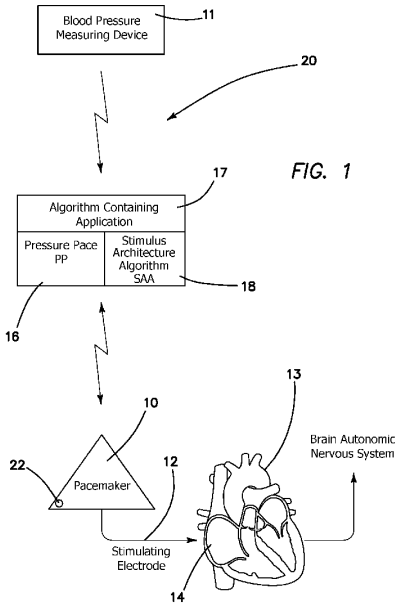


FIG. 1

(57) Abstract: A method of right atrial pacing of a heart of a patient includes the steps of: stimulating right atrial tissue of the heart using a right atri al lead of a dual chamber cardiac pacemaker to pace the heart with a stimulus architecture protocol; and stimulating local sympathetic and/or parasympathetic tissues with the stimulus architecture protocol proximate to the paced right atrial tissue causing nervous system activity that inhibits the autonomous nervous system to reduce blood pressure. A closed loop system operating according to this method and a cardiac pacing lead for implementing this method also are included within the scope of the illustrated embodiments.

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