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(54) **METHOD FOR ORGAN POSITIONING AND STABILIZATION**

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(58) **Field of Search** 600/37, 201, 205, 600/235, 232; 606/1; 128/898; 607/2, 4, 7, 9

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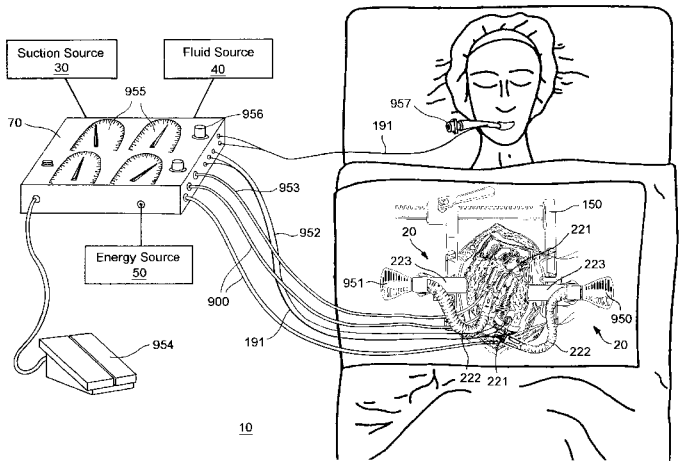
(57) **ABSTRACT**

This invention provides a system and method for positioning, manipulating, holding, grasping, immobilizing and/or stabilizing a heart including one or more tissue-engaging devices, one or more suction sources, one or more fluid sources, one or more energy sources, one or more sensors and one or more processors. The system and method may include an indifferent electrode, a drug delivery device and an illumination device. The system's tissue-engaging device may comprise a tissue-engaging head, a support apparatus and a clamping mechanism for attaching the tissue-engaging device to a stable object. The system may be used during various medical procedures including the deployment of an anastomotic device, intermittently stopping and starting of the heart, ablation of cardiac tissues and the placement of cardiac leads.

16 Claims, 23 Drawing Sheets