

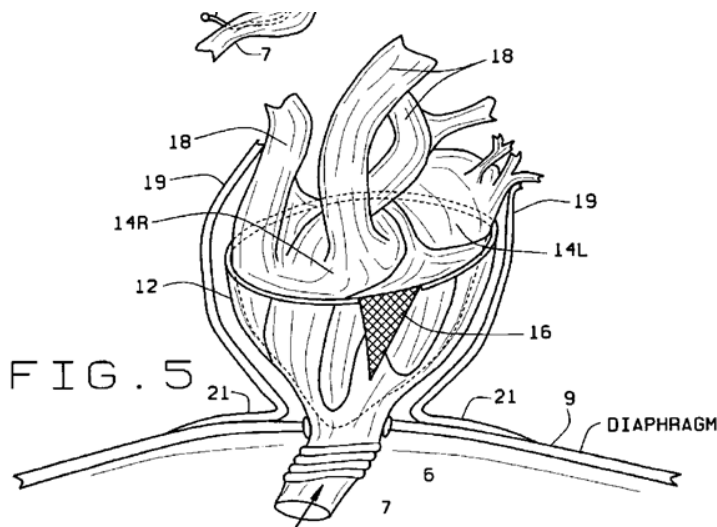
CARDIAC SUPPORT DEVICE & PROCEDURE

Robert V. Snyders

Initial Bidding Guidance: Low to Mid 6 Figures

The portfolio relates to a heart assist device intended for the long term support of certain late-stage cardiac failure states, particularly those known in the practice of cardiology to be called a dilated cardiomyopathy. A method is described wherein a “viscous cardioplasty jacket” is fashioned to provide a buttressing effect to the ventricular heart walls to thus render a more efficient cardiac contractile mechanism whereby the patient is afforded improved heart function to allow increased physical activities. Such a viscous compliant enclosure of the ventricular heart masses can be utilized concurrently with recognized drug therapy which is sometime lacking in beneficial effect for these patients and is far less traumatic than the currently practiced surgical cardiomyoplasty (CMP) procedure. Application of this device may be accomplished through a relatively non-invasive endoscopic procedure in a more refined methodology of anatomical implantation of the device.

Representative Image: Fig. 5 from US 6,095,968



Earliest Priority Date: 4-10-1998

Representative Claim: US 6,095,968 – Claim #1

A method of implanting a long term cardiac support device in a pericardial sac for a failing heart, the method including the steps of: a) enclosing a heart within the pericardial sac and in which such support device has an outer inelastic ply and an inner elastic lining ply which abuts the ventricular masses of the heart; b) instilling a viscous fluid into the device between said inelastic ply and elastic lining ply; and c) monitoring the pressure of the viscous fluid in the device.

Contact:

For more information on the assets available for sale in this portfolio, contact Michelle Tyler.

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TECHNOLOGY

DILATED CARDIOMYOPATHY
HEART ASSIST DEVICE AND
PROCEDURE

NOVELTY

ENCASE THE VENTRICLES
OF THE HEART WITH
SUPPORTIVE STRUCTURE TO
PROVIDE A MORE EFFICIENT
HEART BEAT AND INCREASE
PHYSICAL ACTIVITY FOR
PATIENTS

IMPORTANCE

IMPORTANT PORTFOLIO
FOR COMPANIES INVOLVED
IN CARDIAC FAILURE,
CARDIOLOGY, DILATED
CARDIOMYOPATHY,
VENTRICULAR ASSIST
DEVICES, AND SURGICAL
CARDIOMYOPLASTY

NUMBER OF ASSETS

6

PATENTS (2)

US 6,095,968
AU 758285

APPLICATIONS (4)

US 60/081,286
CA 19992327726
JP 20000543083
PCT/US99/07726