

# United States Patent [19]

### Girard et al.

U.S. PATENT DOCUMENTS

4,626,255 12/1986 Reichart et al. ...... 623/900

3/1971 Hancock ...... 623/900

[11]	Patent	Number:	

5,716,417

[45] Date of Patent:

Feb. 10, 1998

5,258,023 11/1	1993 Reger	623/2 623/900 n et al. 623/900
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#### FOREIGN PATENT DOCUMENTS

1264471	2/1972	United Kingdom	623/2
		United Kingdom	

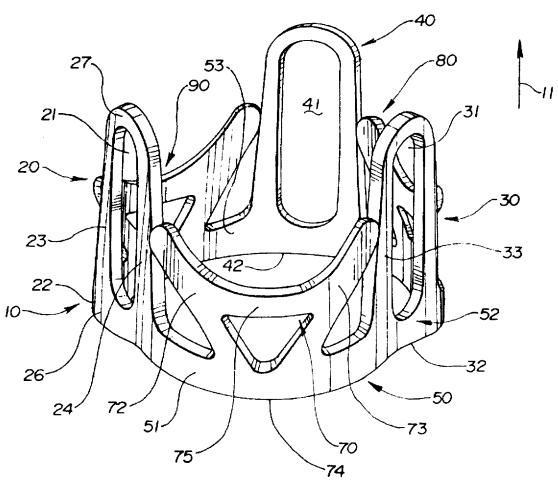
Primary Examiner—John G. Weiss Assistant Examiner—Bruce E. Snow Attorney, Agent, or Firm—Hallie A. Finucane

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A stent for receiving and supporting a tissue heart valve for ultimate implantation into a human, the heart valve including tissue leaflets joined at circumferentially spaced commissures, wherein the stent includes at least one commissure support post and at least one sinus support structure each sinus support structure being disposed between but not functionally connected to an adjacent commissure support post.

**ABSTRACT** 

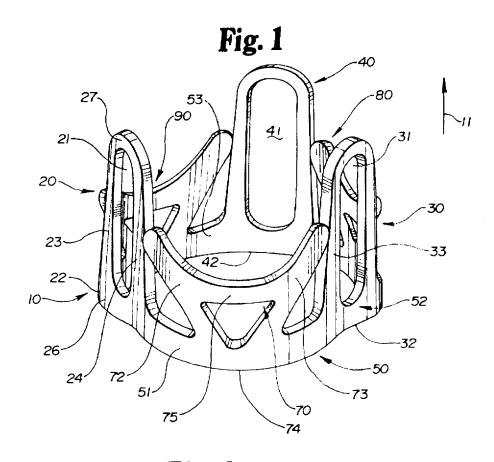
### 3 Claims, 4 Drawing Sheets



NORRED EXHIBIT 2127 - Page 1 Medtronic, Inc., Medtronic Vascular, Inc., & Medtronic



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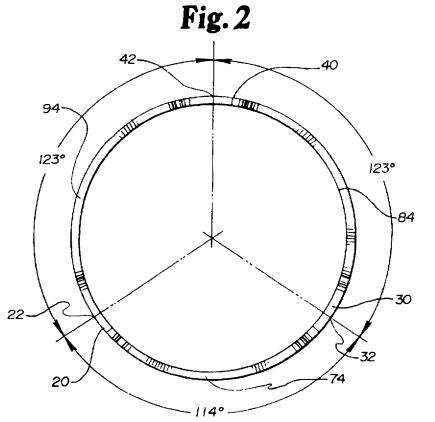




Fig. 3

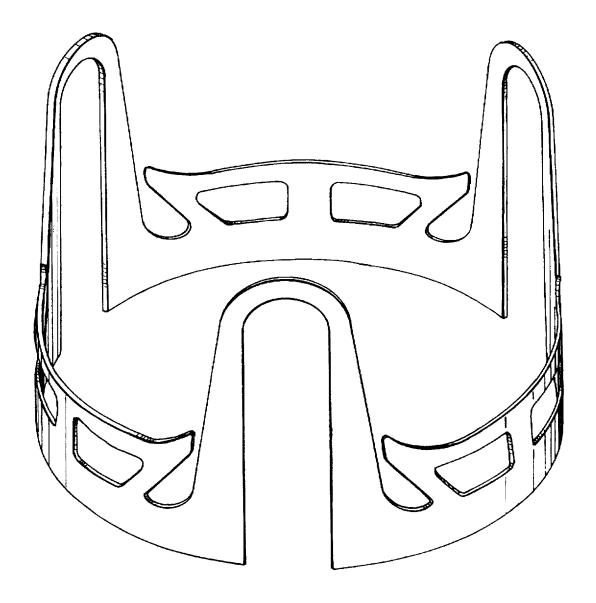




Fig. 4

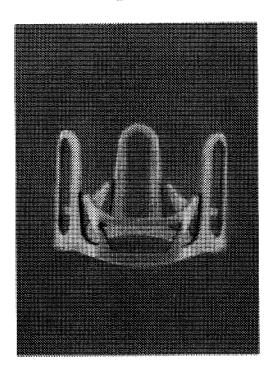
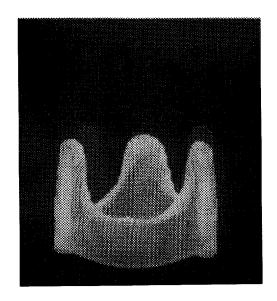


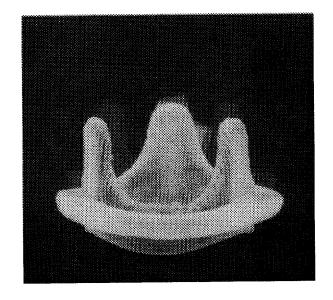
Fig. 5



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Fig. 6



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