

## (12) United States Patent Gabbay

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#### (45) Date of Patent: Apr. 11, 2006

### (54) VALVULAR PROSTHESIS

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Subject to any disclaimer, the term of this Notice:

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(21) Appl. No.: 10/373,138

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#### (65)**Prior Publication Data**

US 2003/0149477 A1 Aug. 7, 2003

#### Related U.S. Application Data

- (63) Continuation of application No. 09/659,882, filed on Sep. 12, 2000, now abandoned.
- (51) Int. Cl. A61F 2/24 (2006.01)
- (52)
- Field of Classification Search ...... 623/1.24,  $623/1.26,\, 2.14,\, 2.15,\, 2.16,\, 2.17,\, 2.18,\, 2.19,\,$

See application file for complete search history.

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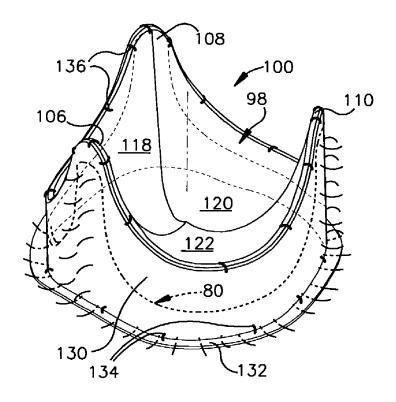
\* cited by examiner

Primary Examiner-Brian E. Pellegrino (74) Attorney, Agent, or Firm-Tarolli, Sundheim, Covell & Tummino L.L.P.

#### ABSTRACT (57)

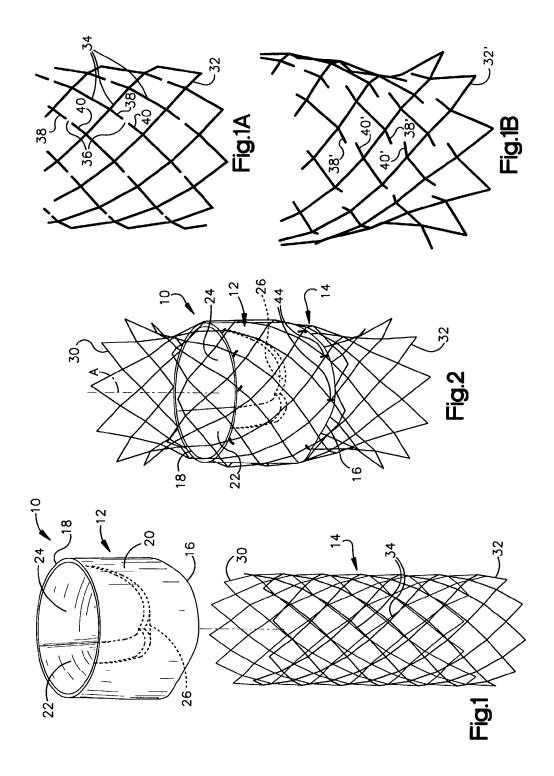
A valvular prosthesis and method of using the prosthesis are disclosed. A valve apparatus is located within a stent apparatus, such that the prosthesis is deformable between a first condition and a second condition, in which the prosthesis has a reduced cross-sectional dimension relative to the first condition, whereby implantation of the prosthesis is facilitated when in the second condition.

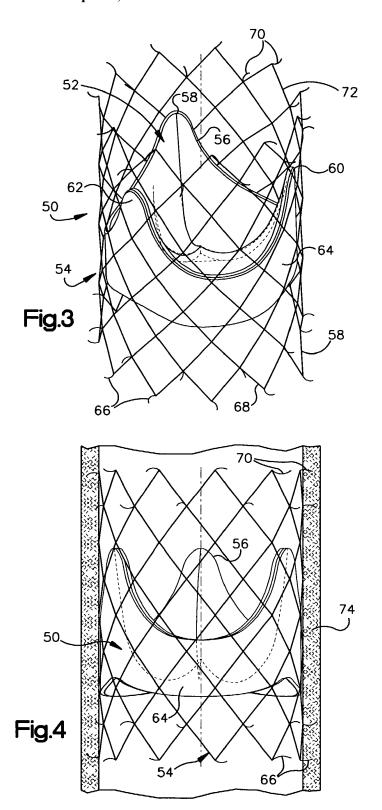
### 6 Claims, 5 Drawing Sheets

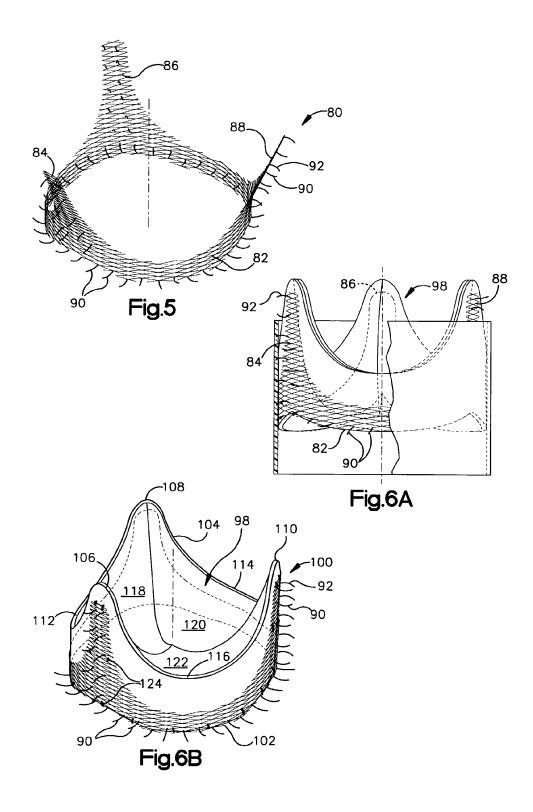


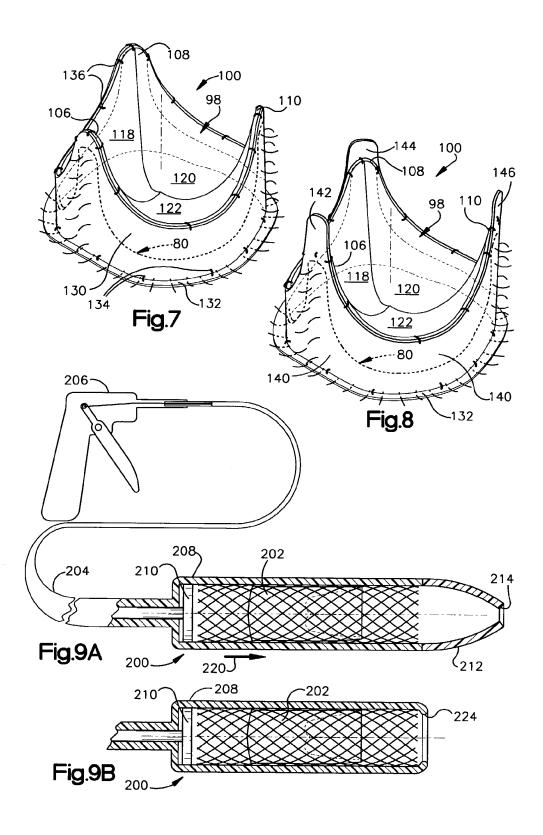


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