

UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE PATENT TRIAL AND APPEAL BOARD

MEDTRONIC, INC., MEDTRONIC VASCULAR, INC.,
and MEDTRONIC COREVALVE, LLC

Petitioner

v.

TROY R. NORRED, M.D.

Patent Owner

Cases IPR2014-00110

IPR2014-00111

IPR2014-00395

Patent 6,482,228

PETITIONER'S DEMONSTRATIVE
EXHIBITS

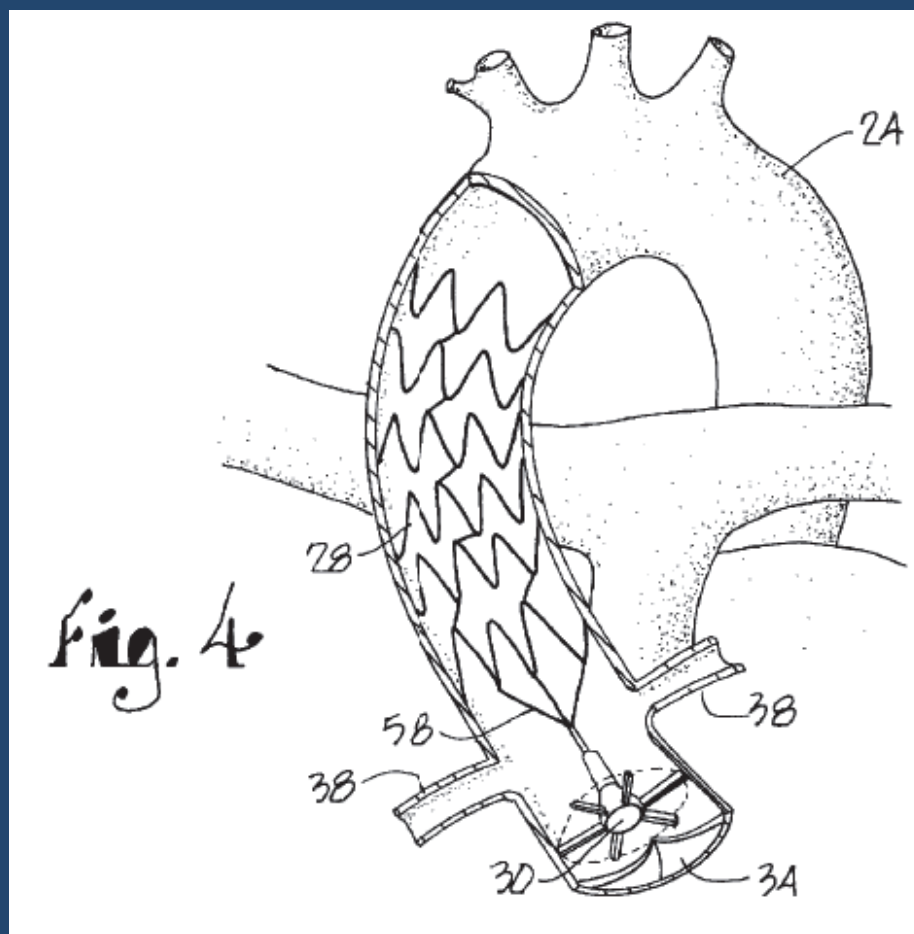
Overview of Instituted Grounds

- IPR2014-00110
 - Claims 16-19 are anticipated by 6,440,164 to DiMatteo
 - Claims 16-18 are anticipated by 4,030,142 to Wolfe
- IPR2014-00111
 - Claims 20-24 are anticipated by 6,454,799 to Schreck
 - Claims 22 and 23 are obvious over 6,454,799 to Schreck in view of 6,139,575 to Shu
- IPR2014-00395
 - Claims 16 and 19-24 are anticipated by 5,957,949 to Leonhardt
 - Claims 16 and 19-24 are anticipated by 6,458,153 to Bailey

Background on the '228 Patent

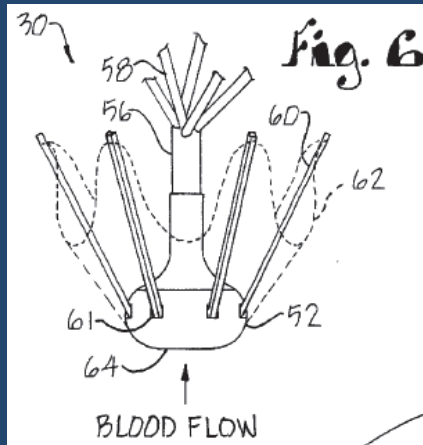
The '228 Patent is directed to a “Percutaneous Aortic Valve Replacement”

(54) PERCUTANEOUS AORTIC VALVE REPLACEMENT

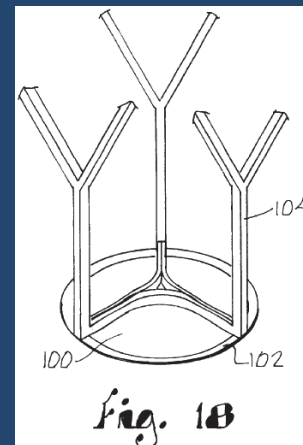


The '228 Patent discloses four valve embodiments

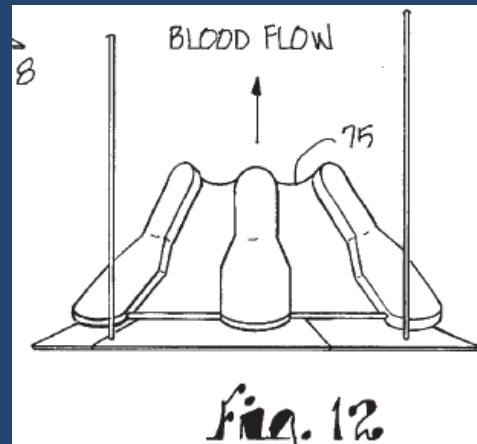
Umbrella Valve
(4:5-52)



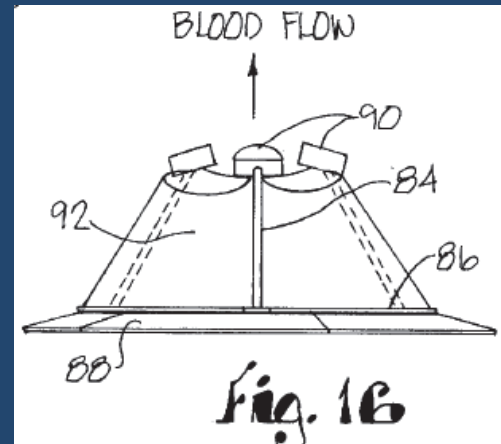
Cadaver/Porcine Valve
(5:63-6:8)



Conical Valve
(4:53-5:32)



Trihedral Valve
(5:33-62)



Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.