

NOTE: This disposition is nonprecedential.

**United States Court of Appeals
for the Federal Circuit**

SHOCKWAVE MEDICAL, INC.,
Appellant

v.

CARDIOVASCULAR SYSTEMS, INC.,
Appellee

**ANDREW HIRSHFELD, PERFORMING THE
FUNCTIONS AND DUTIES OF THE UNDER
SECRETARY OF COMMERCE FOR
INTELLECTUAL PROPERTY AND DIRECTOR OF
THE UNITED STATES PATENT AND TRADEMARK
OFFICE,**
Intervenor

2020-2314

Appeal from the United States Patent and Trademark
Office, Patent Trial and Appeal Board in No. IPR2019-
00408.

JUDGMENT

DAVID C. MCPHIE, Irell & Manella LLP, Newport
Beach, CA, argued for appellant. Also represented by

STEPHEN PAYNE; MICHAEL RICHARD FLEMING, Los Angeles, CA, WILLIAM ALCIATI, GREG GARDELLA, Gardella Grace PA, Washington, DC.

MARK CHRISTOPHER NELSON, Barnes & Thornburg LLP, Dallas, TX, argued for appellee. Also represented by JUANITA DELOACH; JEFFREY STONE, Minneapolis, MN.

BENJAMIN T. HICKMAN, Office of the Solicitor, United States Patent and Trademark Office, Alexandria, VA, for intervenor. Also represented by MARY L. KELLY, THOMAS W. KRAUSE, FARHEENA YASMEEN RASHEED.

THIS CAUSE having been heard and considered, it is

ORDERED and ADJUDGED:

PER CURIAM (PROST, CHEN, and HUGHES, *Circuit Judges*).

AFFIRMED. See Fed. Cir. R. 36.

ENTERED BY ORDER OF THE COURT

January 18, 2022
Date

/s/ Peter R. Marksteiner
Peter R. Marksteiner
Clerk of Court