

United States Court of Appeals for the Federal Circuit

SHOCKWAVE MEDICAL, INC.,
Appellant

v.

CARDIOVASCULAR SYSTEMS, INC.,
Cross-Appellant

COKE MORGAN STEWART, ACTING UNDER
SECRETARY OF COMMERCE FOR
INTELLECTUAL PROPERTY AND ACTING
DIRECTOR OF THE UNITED STATES PATENT
AND TRADEMARK OFFICE,
Intervenor

2023-1864, 2023-1940

Appeals from the United States Patent and Trademark
Office, Patent Trial and Appeal Board in No. IPR2019-
00405.

MANDATE

In accordance with the judgment of this Court, entered
July 14, 2025, and pursuant to Rule 41 of the Federal Rules
of Appellate Procedure, the formal mandate is hereby
issued.

FOR THE COURT

September 19, 2025
Date


Jarrett B. Perlow
Clerk of Court