

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

COMCAST CABLE COMMUNICATIONS, LLC,
Appellant

v.

REALTIME ADAPTIVE STREAMING LLC,
Appellee

**KATHERINE K. VIDAL, UNDER SECRETARY OF
COMMERCE FOR INTELLECTUAL PROPERTY
AND DIRECTOR OF THE UNITED STATES
PATENT AND TRADEMARK OFFICE,**
Intervenor

2020-2281

Appeal from the United States Patent and Trademark
Office, Patent Trial and Appeal Board in Nos. IPR2019-
00209, IPR2019-01280.

MANDATE

In accordance with the judgment of this Court, entered
June 15, 2022, and pursuant to Rule 41 of the Federal
Rules of Appellate Procedure, the formal mandate is
hereby issued.

FOR THE COURT

August 8, 2022
Date

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