

NOTE: This disposition is nonprecedential.

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

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**TQ DELTA, LLC,**  
*Appellant*

v.

**DISH NETWORK LLC,**  
*Appellee*

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2018-1798

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Appeal from the United States Patent and Trademark  
Office, Patent Trial and Appeal Board in No. IPR2016-  
01469.

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**TQ DELTA, LLC,**  
*Appellant*

v.

**CISCO SYSTEMS, INC.,**  
*Appellee*

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2018-1800

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Appeal from the United States Patent and Trademark Office, Patent Trial and Appeal Board in No. IPR2016-01760.

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**JUDGMENT**

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DAVID Z. PETTY, McAndrews, Held & Malloy, Ltd., Chicago, IL, argued for appellant. Also represented by PETER J. MCANDREWS, RAJENDRA A. CHIPLUNKAR.

HEIDI LYN KEEFE, Cooley LLP, Palo Alto, CA, argued for appellee DISH Network LLC. Also represented by JENNIFER VOLK, Reston, VA; STEPHEN R. SMITH, Washington, DC.

THEODORE M. FOSTER, Haynes & Boone, LLP, Dallas, TX, argued for appellee Cisco Systems, Inc. Also represented by DAVID L. MCCOMBS, DEBRA JANECE MCCOMAS.

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THIS CAUSE having been heard and considered, it is

ORDERED and ADJUDGED:

PER CURIAM (O'MALLEY, LINN, and HUGHES, *Circuit Judges*).

**AFFIRMED. See Fed. Cir. R. 36.**

ENTERED BY ORDER OF THE COURT

July 15, 2019  
Date

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