

# United States Court of Appeals for the Federal Circuit

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In re: PERSONALWEB TECHNOLOGIES LLC,  
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AMAZON.COM, INC., AMAZON WEB SERVICES,  
INC.,  
*Plaintiffs-Appellees*

v.

PERSONALWEB TECHNOLOGIES LLC,  
*Defendant-Appellant*

LEVEL 3 COMMUNICATIONS, LLC,  
*Defendant*

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PERSONALWEB TECHNOLOGIES LLC,  
*Plaintiff-Appellant*

LEVEL 3 COMMUNICATIONS, LLC,  
*Plaintiff*

v.

TWITCH INTERACTIVE, INC.,  
*Defendant-Appellee*

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2020-1566, 2020-1568, 2020-1569

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Appeals from the United States District Court for the Northern District of California in Nos. 5:18-md-02834-BLF, 5:18-cv-00767-BLF, 5:18-cv-05619-BLF, Judge Beth Labson Freeman.

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**JUDGMENT**

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THIS CAUSE having been considered, it is

ORDERED AND ADJUDGED:

**AFFIRMED**

ENTERED BY ORDER OF THE COURT

August 12, 2021

/s/ Peter R. Marksteiner

Peter R. Marksteiner  
Clerk of Court