

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

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**IN RE: PERSONALWEB TECHNOLOGIES LLC,**

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**PERSONALWEB TECHNOLOGIES LLC,**  
*Plaintiff-Appellant*

**LEVEL 3 COMMUNICATIONS, LLC,**  
*Plaintiff*

**v.**

**PATREON, INC.,**  
*Defendant-Appellee*

**AMAZON.COM, INC., AMAZON WEB SERVICES,  
INC.,**  
*Intervenors*

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**PERSONALWEB TECHNOLOGIES LLC,**  
*Plaintiff-Appellant*

**LEVEL 3 COMMUNICATIONS, LLC,**  
*Plaintiff*

**v.**

**DICTIONARY.COM, LLC,**  
*Defendant-Appellee*

**AMAZON.COM, INC., AMAZON WEB SERVICES,**

**INC.,**  
*Intervenors*

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**PERSONALWEB TECHNOLOGIES LLC,**  
*Plaintiff-Appellant*

**LEVEL 3 COMMUNICATIONS, LLC,**  
*Plaintiff*

v.

**VOX MEDIA, INC.,**  
*Defendant-Appellee*

**AMAZON.COM, INC., AMAZON WEB SERVICES,  
INC.,**  
*Intervenors*

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**PERSONALWEB TECHNOLOGIES LLC,**  
*Plaintiff-Appellant*

**LEVEL 3 COMMUNICATIONS, LLC,**  
*Plaintiff*

v.

**VICE MEDIA, LLC,**  
*Defendant-Appellee*

**AMAZON.COM, INC., AMAZON WEB SERVICES,  
INC.,**  
*Intervenors*

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IN RE: PERSONALWEB TECHNOLOGIES LLC

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**PERSONALWEB TECHNOLOGIES LLC,**  
*Plaintiff-Appellant*

**LEVEL 3 COMMUNICATIONS, LLC,**  
*Plaintiff*

v.

**OATH INC.,**  
*Defendant-Appellee*

**AMAZON.COM, INC., AMAZON WEB SERVICES,  
INC.,**  
*Intervenors*

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**PERSONALWEB TECHNOLOGIES LLC,**  
*Plaintiff-Appellant*

**LEVEL 3 COMMUNICATIONS, LLC,**  
*Plaintiff*

v.

**BUZZFEED, INC.,**  
*Defendant-Appellee*

**AMAZON.COM, INC., AMAZON WEB SERVICES,  
INC.,**  
*Intervenors*

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**PERSONALWEB TECHNOLOGIES LLC,**  
*Plaintiff-Appellant*

**LEVEL 3 COMMUNICATIONS, LLC,**  
*Plaintiff*

v.

**POPSUGAR, INC.,**  
*Defendant-Appellee*

**AMAZON.COM, INC., AMAZON WEB SERVICES,  
INC.,**  
*Intervenors*

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**PERSONALWEB TECHNOLOGIES LLC,**  
*Plaintiff-Appellant*

**LEVEL 3 COMMUNICATIONS, LLC,**  
*Plaintiff*

v.

**ZIFF DAVIS, LLC,**  
*Defendant-Appellee*

**AMAZON.COM, INC., AMAZON WEB SERVICES,  
INC.,**  
*Intervenors*

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2019-1918  
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Appeal from the United States District Court for the Northern District of California in Nos. 5:18-cv-05599-BLF, 5:18-cv-05606-BLF, 5:18-cv-05969-BLF, 5:18-cv-05970-BLF, 5:18-cv-06044-BLF, 5:18-cv-06046-BLF, 5:18-cv-

IN RE: PERSONALWEB TECHNOLOGIES LLC

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06612-BLF, 5:18-cv-07119-BLF, 5:18-md-02834-BLF,  
United States District Judge Beth Labson Freeman.

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Decided: June 17, 2020

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MICHAEL AMORY SHERMAN, Stubbs Alderton & Markiles LLP, Sherman Oaks, CA, argued for plaintiff-appellant. Also represented by VIVIANA H. BOERO HEDRICK, JEFFREY F. GERSH, WESLEY WARREN MONROE, STANLEY HUGH THOMPSON, JR.; SANDEEP SETH, SethLaw, Houston, TX.

J. DAVID HADDEN, Fenwick & West, LLP, Mountain View, CA, argued for all defendants-appellees and for intervenors. Defendants-appellees Vox Media, Inc., Vice Media, LLC, Oath Inc., BuzzFeed, Inc., Dictionary.com, LLC, Patreon, Inc., Ziff Davis, LLC, Popsugar Inc. and intervenors Amazon.com, Inc., Amazon Web Services, Inc. also represented by SAINA S. SHAMILOV, RAVI RAGAVENDRA RANGANATH; TODD RICHARD GREGORIAN, San Francisco, CA. Defendant-appellee Vice Media, LLC also represented by BENJAMIN J. BYER, Davis Wright Tremaine LLP, Seattle, WA; KIMBERLY HERMAN, Sullivan & Worcester, Boston, MA; CHRISTOPHER T. MCWHINNEY, Washington, DC. Intervenors Amazon.com, Inc., Amazon Web Services, Inc. also represented by JEFFREY H. DEAN, Amazon.com, Inc., Seattle, WA.

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Before WALLACH, BRYSON, and TARANTO, *Circuit Judges*.

BRYSON, *Circuit Judge*.

Appellant PersonalWeb Technologies LLC filed a number of lawsuits charging dozens of customers of Amazon.com, Inc., and Amazon Web Services, Inc., (collectively “Amazon”) with infringing several related patents.

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