

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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CISCO SYSTEMS, INC., DISH NETWORK, LLC,  
COMCAST CABLE COMMUNICATIONS, LLC,  
COX COMMUNICATIONS, INC.,  
TIME WARNER CABLE ENTERPRISES LLC,  
VERIZON SERVICES CORP., and ARRIS GROUP, INC.,  
Petitioner,

v.

TQ DELTA, LLC,  
Patent Owner

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Case IPR2016-01008<sup>1</sup>  
Patent No. 8,238,412 B2

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**PATENT OWNER'S UPDATED MANDATORY NOTICE  
(RE: ADDITIONAL BACKUP COUNSEL)**

Mail Stop PATENT BOARD  
U.S. Patent Trial & Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313

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<sup>1</sup> DISH Network, L.L.C., who filed a Petition in IPR2017-00253, and Comcast Cable Communications, L.L.C., Cox Communications, Inc., Time Warner Cable Enterprises L.L.C., Verizon Services Corp., and ARRIS Group, Inc., who filed a Petition in IPR2017-00419, have been joined in this proceeding.

Case IPR2016-01008  
Patent 8,238,412

Pursuant to 37 C.F.R. §42.8, and the Board's Order granting Patent Owner's Motion for *Pro Hac Vice* Admission of Rajendra A. Chiplunkar dated July 5, 2017 (Paper 28 in IPR2016-01008), Patent Owner TQ Delta, LLC ("Patent Owner") hereby submits the following updated mandatory notice.

**Lead and Back-Up Counsel (37 C.F.R. §42.8(b)(3))**

Patent Owner updates its designation of additional back-up counsel in this matter by adding the following practitioner:

Rajendra A. Chiplunkar (admitted *pro hac vice*)  
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Dated: July 10, 2017

Respectfully submitted,

*/Peter J. McAndrews/*

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*Lead Counsel For Patent Owner*

Case IPR2016-01008  
Patent 8,238,412

**CERTIFICATE OF SERVICE (37 C.F.R. § 42.6(e))**

I certify that a true and correct copy of the foregoing **PATENT OWNER'S UPDATED MANDATORY NOTICE** was served on July 10, 2017 via electronic mail to counsel for Petitioner at the following:

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