

Filed on behalf of TQ Delta, LLC
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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

DISH NETWORK L.L.C.
Petitioner

v.

TQ DELTA, LLC
Patent Owner

Case No. IPR2016-01469
Patent No. 9,094,268

PATENT OWNER'S UPDATED EXHIBIT LIST

TABLE OF EXHIBITS

| | |
|--------------|--|
| Exhibit 2001 | IEEE Dictionary (2001) at pp. 296, 703 |
| Exhibit 2002 | Merriam-Webster's Collegiate Dictionary, 10 th Ed. (2001) at 70 |
| Exhibit 2003 | Encyclopedia Britannica Online at https://www.britannica.com/technology/modulation-communications |
| Exhibit 2004 | Frenzel, "Understanding Modern Digital Modulation Techniques," Electronic Design (2012) |
| Exhibit 2005 | Transcript of 10/18/16 Markman Hearing in <i>TQ Delta, LLC v. Comcast Cable Communications, LLC</i> , et al., No. 15-611 (D. Del.) at pp. 42, 149-150 |
| Exhibit 2006 | U.S. Pat. No. 6,922,167 |
| Exhibit 2007 | U.S. Pat. No. 7,272,307 |
| Exhibit 2008 | U.S. Pat. No. 7,110,823 |
| Exhibit 2009 | U.S. Pat. Pub. No. 20130185872 |
| Exhibit 2010 | Biography of Rajendra A. Chiplunkar |
| Exhibit 2011 | Declaration of Rajendra A. Chiplunkar in Support of Motion for <i>Pro Hac Vice</i> Admission |
| Exhibit 2012 | Declaration of Douglas A. Chrissan, Ph.D. for <i>Inter Partes</i> Review No. IPR2016-01469 |
| Exhibit 2013 | May 3, 2017 Deposition Transcript of Hoarty (IPR2016-01469) |
| Exhibit 2014 | IEEE 100 The Authoritative Dictionary of IEEE Standards Terms, Seventh Edition |
| Exhibit 2015 | <i>Curriculum Vitae</i> of Douglas A. Chrissan, Ph.D. |
| Exhibit 2016 | Merriam Webster Dictionary (10 th ed. 2000) at p. 700 |
| Exhibit 2017 | Dictionary of Networking, Third Ed. (1999) at p. 360 |

Dated: October 13, 2017

Respectfully submitted,

/Peter J. McAndrews/

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Lead Counsel for Patent Owner

CERTIFICATE OF SERVICE

I hereby certify that the Patent Owner's Updated Exhibit List was served on this 13th day of October, 2017 by electronic mail to the following:

| Lead Counsel | Back-up Counsel |
|---|---|
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