

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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BRIGHT HOUSE NETWORKS, LLC  
WIDEOPENWEST FINANCE, LLC  
KNOLOGY OF FLORIDA, INC.  
BIRCH COMMUNICATINOS, INC.

Petitioner

v.

FOCAL IP, LLC,

Patent Owner

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Case IPR2016-01259  
Patent Number: 8,155,298

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**PATENT OWNER FOCAL IP, LLC'S DEMONSTRATIVE EXHIBITS FOR  
ORAL HEARING AND UPDATED EXHIBIT LIST**

In accordance with 37 C.F.R. §42.70(b) and the Board's Order of September 1, 2017 (Paper 51), Patent Owner files herewith Exhibit 2053, which contains a set of individual demonstrative slides for the oral hearing scheduled for September 19, 2017.

**UPDATED LIST OF EXHIBITS**

2001	Declaration of Regis J. “Bud” Bates filed with Preliminary Response
2002	Ray Horak, Communications Systems & Networks, (2 <sup>nd</sup> ed. 2000)
2003	Ray Horak, Webster’s New World Telecom Dictionary (2008)
2004	Ray Horak, Telecommunications and Data Communications (2007)
2005	Prosecution History of U.S. Patent No. 7,764,777 (“777ProsHist”)
2006	Harry Newton, Newton’s Telecom Dictionary, (23 <sup>rd</sup> ed. 2007)
2007	Declaration of John P. Murphy in Support of Unopposed Motion for <i>Pro Hac Vice</i> Admission
2008	Declaration of Hanna F. Madbak in Support of Unopposed Motion for <i>Pro Hac Vice</i> Admission
2009	Corrected Declaration of Hanna F. Madbak in Support of Unopposed Motion for <i>Pro Hac Vice</i> Admission
2010	U.S. Patent No. 6,574,328
2011	Opening Claim Construction Expert Declaration of Dr. Eric Burger filed by certain Defendants in the underlying district court litigation Case No. 3:15-cv-00742-TJC-MCR, Dkt No. 89-2, filed 08/12/16.
2019	Deposition Transcript of Dr. La Porta, Feb. 24, 2017, for IPR2016-01259, -01261, -01262, and 01263
2020	Deposition Transcript of Dr. La Porta, Feb. 23, 2017, for IPR2016-01259, -01261, -01262, and 01263 (“La Porta Dep.”)
2021	Deposition Transcript of Mr. Willis, Mar. 1, 2017, for IPR2016-01254 and -01257. (“Willis Dep.”)
2022	Declaration of Regis J. “Bud” Bates in Support of Response (“BatesDec”)
2023	Petition filed in IPR2016-01261 (“-01261 Pet.”)
2024	Petition filed in IPR2016-01254 (“-01254 Pet.”)
2025	Petition filed in IPR2016-01260 (“-01260 Pet.”)
2026	Declaration of Dr. La Porta in support of the Petition, Ex. 1002 of IPR2016-01262 (“La Porta Dec. of IPR2016-01262”)
2027	Declaration of Mr. Willis in support of the Petition, Ex. 1002 of IPR2016-01254 (“Willis Dec. of IPR2016-01254”)

2028	Declaration of Dr. Lavian in support of the Petition, Ex. 1002 of IPR2016-01258 (“Lavian Dec. of IPR2016-01258”)
2029	Deposition Transcript of Dr. Lavian, March 29, 2017, for IPR2016-01256, -01258, and -01260 (“Lavian Dep.”)
2030	Declaration of Dr. Lavian in support of the Petition, Ex. 1002 of IPR2016-01256 (“Lavian Dec. of IPR2016-01256”)
2046	U.S. Patent No. 6,381,323 to Schwab, et al. (“Schwab”)
2050	U.S. Patent No. 6,353,660 to Burger et al. (“Burger”)
2051	U.S. Patent No. 6,798,767 to Alexander et al. (“Alexander”)
2052	Declaration of Thomas C. Cecil in Support of Unopposed Motion for Pro Hac Vice Admission
2053	Patent Owner’s Demonstrative Exhibits for Oral Hearing

Dated: September 13, 2017

Respectfully Submitted,

/s/ Brent N. Bumgardner  
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**CERTIFICATE OF SERVICE**

I hereby certify that on this 13<sup>th</sup> day of September, 2017, a copy of Patent Owner FOCAL IP, LLC's Demonstrative Exhibits for Oral Hearing and Updated Exhibit List has been served in its entirety via email on the following:

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