

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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ERICSSON INC. AND TELEFONAKTIEBOLAGET  
LM ERICSSON,  
Petitioner

v.

INTELLECTUAL VENTURES II LLC,  
Patent Owner

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Patent 7,787,431

*Inter Partes* Review No. IPR2015-01664

**PETITIONER UPDATED EXHIBIT LIST**

**PETITIONER'S EXHIBIT LIST**  
**IPR2015-01664**

<b>Exhibit</b>	<b>Description</b>
ERIC-1001	U.S. Patent No. 7,787,431 (the '431 patent)
ERIC-1002	U.S. Publication No. 2002/0055356 ("Dulin")
ERIC-1003	U.S. Patent No. 7,782,750 ("Yamaura")
ERIC-1004	U.S. Patent No. 7,426,175 ("Zhuang")
ERIC-1005	I. Hwang et al., IEEE C802.16d-04/19, "A New Frame Structure for Scalable OFDMA Systems," pp. 0-12, March 11, 2004 ("Hwang")
ERIC-1006	R. van Nee and R. Prasad, OFDM for Wireless Multimedia Communications, Artech House, pp. 119-154, 2000
ERIC-1007	<i>Curriculum Vitae</i> of Zygmunt J. Haas
ERIC-1008	Declaration of Randall Schwartz under 37 C.F.R. §1.68
ERIC-1009	A. Kerr, IEEE C802.16d-04/36r2, "Additional Preamble Definitions for 802.16d OFDM-256," March 17, 2004 ("Kerr")
ERIC-1010	Prosecution History of the '431 Patent
ERIC-1011	Reserved
ERIC-1012	Declaration of Zygmunt J. Haas Under 37 C.F.R. §1.68
ERIC-1013	U.S. Patent No. 5,097,499 ("Cosentino"), ERIC-1013;
ERIC-1014	U.S. Patent No. 6,904,283 ("Li")
ERIC-1015	K. Pahlavan and P. Krishnamurthy, <i>Principles of Wireless Networks, A Unified Approach</i> , pp. 319-347 and 553-555, Prentice Hall (2002)

ERIC-1016	P. Joo, et al., IEEE C802.16d-04/25, "The uplink subchaannelization preamble with lower PAPR," pp. 0-3, March 11, 2004 ("Joo")
ERIC-1017	J. Liebetreu, et al., IEEE C802.16-04/51r1, "AAS enhancements for 1x Scalable PHY," pp. 1-16, March 15, 2004 ("Liebetreu")
ERIC-1018	Deposition Transcript of Kenneth Zeger, June 15, 2016
ERIC-1019	Reserved
ERIC-1020	Supplemental Declaration of Dr. Zygmunt Haas ("Supp. Haas Decl.")
ERIC-1021	U.S. Publication No. 2002/0141355 ("Struhsaker")
ERIC-1022	Updated <i>Curriculum Vitae</i> of Zygmunt J. Haas

**CERTIFICATE OF SERVICE**

The undersigned certifies that a true and correct copy of the foregoing  
PETITIONER'S UPDATED EXHIBIT LIST was served on July 25, 2016 via  
email to: [IV-IP15-01664@mcandrews-ip.com](mailto:IV-IP15-01664@mcandrews-ip.com) for the designated Patent Owner  
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