

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ZTE (USA) Inc.,
Samsung Electronics Co., Ltd.,
Samsung Electronics America, Inc.,
HTC Corporation, and
HTC America, Inc.,

Petitioner

v.

Evolved Wireless LLC,

Patent Owner

**PETITION FOR *INTER PARTES* REVIEW
OF U.S. PATENT NO. 7,746,916**

Case No. IPR2016-01280

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Patent Trial and Appeal Board
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EXHIBITS

- Ex. 1001 U.S. Patent No. 7,746,916 to Han, et al. (“the ‘916 patent”)
- Ex. 1002 Excerpts from the Prosecution History of the ‘916 Patent (“the Prosecution History”)
- Ex. 1003 Declaration of Jonathan Wells
- Ex. 1004 Curriculum Vitae of Jonathan Wells
- Ex. 1005 Definitions of terms “acquire,” “generate” and “by” in American Heritage® Dictionary of the English Language, Fourth Edition, Copyright © 2000 by Houghton Mifflin Harcourt Publishing Company
- Ex. 1006 U.S. Patent No. 8,340,232 to Ding *et al.* (“Ding”)
- Ex. 1007 U.S. Patent No. 7,599,327 to Zhuang *et al.* (“Zhuang327”)
- Ex. 1008 [Reserved]
- Ex. 1009 Popovic, “*Generalized chirp-like polyphase sequences with optimum correlation properties*”, IEEE Trans. On Information Theory, vol. 38, pp. 1406-1409, July 1992 (“Popovic”)
- Ex. 1010 Declaration of Mr. Gerard Grenier re Popovic
- Ex. 1011 U.S. Patent No. 8,116,195 to Hou *et al.* (“Hou”)
- Ex. 1012 U.S. Patent No. 7,426,175 to Zhuang *et al.* (“Zhuang175”)
- Ex. 1013 U.S. Patent Publication No. 2007/0270273 to Fukuta *et al.* (“Fukuta”)
- Ex. 1014 Definitions of terms “circular shift” and “cyclic shift” in McGraw-Hill Dictionary of Scientific and Technical Terms, 6th Edition, Copyright © 2003
- Ex. 1015 Certified English Translation of Korean Application No. 10-2005-0114306 filed November 28, 2005 (Publication No. 10-2007-0055845)

- Ex. 1016 Certified English Translation of Korean application No. 10-2006-0062467 filed July 4, 2006 (Publication No. 10-2008-0004025)
- Ex. 1017 N. Abramson, “THE ALOHA SYSTEM—Another alternative for computer communications,” *Proceedings of the Fall Joint Computer Conference*, pp. 281-5, Nov. 1970
- Ex. 1018 3GPP TS 25.213 V6.4.0 (2005-09), “3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Spreading and modulation (FDD) (Release 6)”
- Ex. 1019 3GPP TS 25.211 V6.6.0 (2005-09), “3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (FDD) (Release 6)”
- Ex. 1020 D.C. Chu, “Polyphase codes with good periodic correlation properties,” *IEEE Trans. Information Theory*, vol. 18, pp. 531–532, July 1972
- Ex. 1021 3GPP TS 25.201 V3.0.0 (1999-10), “3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Physical layer - General description (3G TS 25.201 version 3.0.0)”
- Ex. 1022 3GPP TS 36.211 V8.0.0 (2007-09), “3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation (Release 8)”
- Ex. 1023 “Defendants’ Preliminary Identification of Terms Needing Construction and Proposed Constructions,” from Case Nos. 15-542-SLR-SRF, 15-543-SLR-SRF, 15-544-SLR-SRF, 15-545-SLR-SRF, 15-546-SLR-SRF, 15-547-SLR-SRF filed in N.D. Del.
- Ex. 1024 “Evolved Wireless’s Identification of Claim Terms and Proposed Constructions” from Case Nos. 15-542-SLR-SRF, 15-543-SLR-SRF, 15-544-SLR-SRF, 15-545-SLR-SRF, 15-546-SLR-SRF, 15-547-SLR-SRF filed in N.D. Del.

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