

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent of: Seung Hee Han, et al.

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Title: Method and Apparatus for Generating and Transmitting  
Code Sequence in a Wireless Communication System

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**PETITION FOR *INTER PARTES* REVIEW OF UNITED STATES PATENT  
NO. 7,746,916 PURSUANT TO 35 U.S.C. §§ 311–319, 37 C.F.R. § 42**

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## EXHIBITS

- APPLE-1001 U.S. Patent No. 7,746,916 to Han, et al. (“the ‘916 patent”)
- APPLE-1002 Excerpts from the Prosecution History of the ‘916 Patent (“the Prosecution History”)
- APPLE-1003 Declaration of Jonathan Wells
- APPLE-1004 Curriculum Vitae of Jonathan Wells
- APPLE-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
- APPLE-1006 U.S. Patent No. 8,340,232 to Ding *et al.* (“Ding”)
- APPLE-1007 U.S. Patent No. 7,599,327 to Zhuang *et al.* (“Zhuang327”)
- APPLE-1008 [Reserved]
- APPLE-1009 Popovic, “*Generalized chirp-like polyphase sequences with optimum correlation properties*”, IEEE Trans. On Information Theory, vol. 38, pp. 1406-1409, July 1992 (“Popovic”)
- APPLE-1010 Declaration of Mr. Gerard Grenier re Popovic
- APPLE-1011 U.S. Patent No. 8,116,195 to Hou *et al.* (“Hou”)
- APPLE-1012 U.S. Patent No. 7,426,175 to Zhuang *et al.* (“Zhuang175”)
- APPLE-1013 U.S. Patent Publication No. 2007/0270273 to Fukuta *et al.* (“Fukuta”)
- APPLE-1014 Definitions of terms “circular shift” and “cyclic shift” in McGraw-Hill Dictionary of Scientific and Technical Terms, 6th Edition, Copyright © 2003
- APPLE-1015 Certified English Translation of Korean Application No. 10-2005-0114306 filed November 28, 2005 (Publication No. 10-2007-0055845)
- APPLE-1016 Certified English Translation of Korean application No. 10-2006-0062467 filed July 4, 2006 (Publication No. 10-2008-0004025)

- APPLE-1017 N. Abramson, "THE ALOHA SYSTEM—Another alternative for computer communications," *Proceedings of the Fall Joint Computer Conference*, pp. 281-5, Nov. 1970
- APPLE-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)"
- APPLE-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)"
- APPLE-1020 D.C. Chu, "Polyphase codes with good periodic correlation properties," *IEEE Trans. Information Theory*, vol. 18, pp. 531–532, July 1972
- APPLE-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)"
- APPLE-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)"
- APPLE-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.
- APPLE-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.

- APPLE-1025 IEEE 802.16-2004 Standard, entitled “*IEEE Standard for Local and Metropolitan Area Networks Part 16: Air Interface for Fixed Broadband Wireless Access Systems*” (“IEEE802.16-2004”)
- APPLE-1026 Declaration of Mr. David Ringle for IEEE802.16-2004
- APPLE-1027 U.S. Patent No. 7,400,573 to Sundstrom *et al.* (“Sundstrom”)
- APPLE-1028 “Joint Claim Construction Statement,” filed on May 17<sup>th</sup>, 2016, 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.
- APPLE-1029 U.S. Patent No. 7,701,919 to Ah Lee (“Ah Lee”)
- APPLE-1030 U.S. Patent No. 7,693,924 Cho *et al.* (“Cho”)
- APPLE-1031 Motorola, Inc. 2004 Annual Report to Stockholders
- APPLE-1032 WCDMA for UMTS: Radio Access for Third Generation Communications, Holma and Toskala, 3<sup>rd</sup> ed, Wiley and Sons, Ltd., 2004

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