

**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

---

**PETITIONER'S EXHIBIT LIST**

Case No. IPR2016-01277

---

**Mail Stop Patent Board**  
Patent Trial and Appeal Board  
U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

## PETITIONER'S EXHIBIT LIST

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 <i>et al.</i> (“Ding”)
Ex. 1007	U.S. Patent No. 7,599,327 to Zhuang <i>et al.</i> (“Zhuang327”)
Ex. 1008	Excerpts from the Prosecution History of Zhuang327
Ex. 1009	Popovic, “ <i>Generalized chirp-like polyphase sequences with optimum correlation properties</i> ”, IEEE Trans. On Information Theory, vol. 38, pp. 1406-1409, July 1992 (“Popovic”)
Ex. 1010	Declaration of Mr. Gerard Grenier of IEEE
Ex. 1011	U.S. Patent No. 8,116,195 to Hou <i>et al.</i> (“Hou”)
Ex. 1012	U.S. Patent No. 7,426,175 to Zhuang <i>et al.</i> (“Zhuang175”)
Ex. 1013	[Reserved]
Ex. 1014	[Reserved]
Ex. 1015	[Reserved]
Ex. 1016	[Reserved]
Ex. 1017	N. Abramson, “THE ALOHA SYSTEM—Another alternative for computer communications,” <i>Proceedings of the Fall Joint Computer Conference</i> , 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,” <i>IEEE Trans. Information Theory</i> , 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. 15-542SLR-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.
Ex. 1025	IEEE 802.16-2004 Standard, entitled “ <i>IEEE Standard for Local and Metropolitan Area Networks Part 16: Air Interface for Fixed Broadband Wireless Access Systems</i> ” (“IEEE802.162004”)
Ex. 1026	Declaration of Mr. David Ringle for IEEE802.16-2004
Ex. 1027	U.S. Patent No. 7,400,573 to Sundstrom <i>et al.</i> (“Sundstrom”)

Ex. 1028	“Joint Claim Construction Statement,” filed on May 17 <sup>th</sup> , 2016, from Case Nos. 15-542-SLR-SRF, 15-543-SLR-SRF, 15-544SLR-SRF, 15-545-SLR-SRF, 15-546-SLR-SRF, 15-547-SLRSRF filed in N.D. Del.
Ex. 1029	U.S. Patent No. 7,701,919 to Ah Lee (“Ah Lee”)
Ex. 1030	U.S. Patent No. 7,693,924 Cho et al. (“Cho”)
Ex. 1031	Motorola, Inc. 2004 Annual Report to Stockholders
Ex. 1032	WCDMA for UMTS: Radio Access for Third Generation Communications, Holma and Toskala, 3 <sup>rd</sup> ed, Wiley and Sons, Ltd., 2004

Dated: June 29, 2016

James M. Glass (Reg. 46,729)  
John McKee (Reg. 65,926)  
QUINN EMANUEL URQUHART &  
SULLIVAN, LLP  
51 Madison Avenue, 22nd Floor  
New York, NY 10010  
T: 212-849-7000  
F: 212-849-7100  
jimglass@quinnemanuel.com  
johnmckee@quinnemanuel.com

Kevin P.B. Johnson (Reg. 38,927)  
Todd M. Briggs (Reg. 44,040)  
QUINN EMANUEL URQUHART &  
SULLIVAN, LLP  
555 Twin Dolphin Dr., 5th Floor  
Redwood Shores, CA 94065  
T: 650-801-5000  
F: 650-801-5100  
kevinjohnson@quinnemanuel.com  
toddbriggs@quinnemanuel.com

Respectfully submitted,

/s/ Charles M. McMahon  
Charles M. McMahon

Charles M. McMahon (Reg. 44,926)  
Hersh H. Mehta (Reg. 62,336)  
MCDERMOTT WILL & EMERY  
227 W. Monroe  
Chicago, IL 60606  
T: (312) 984-7641  
F: (312) 984-7700  
cmcmahon@mwe.com  
hmehta@mwe.com

Stephen S. Korniczky (Reg. 34,853)  
Martin Bader (Reg. 54,736)  
Ericka J. Schulz (Reg. 60,665)  
Sheppard, Mullin, Richter & Hampton  
LLP  
12275 El Camino Real, Suite 200  
San Diego, CA 92130  
T: 858-720-8900  
F: 858-720-4882  
skorniczky@sheppardmullin.com  
mbader@sheppardmullin.com  
eschulz@sheppardmullin.com

*Attorneys for Petitioner*

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.