

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of: Sung Jun Park, et al.
U.S. Patent No.: 7,881,236 Attorney Docket No.: 00035-0009IP2
Issue Date: February 1, 2011
Appl. Serial No.: 12/538,514
Filing Date: August 10, 2009
Title: Data Transmission Method and User Equipment for the
Same

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**PETITION FOR *INTER PARTES* REVIEW OF UNITED STATES PATENT
NO. 7,881,236 PURSUANT TO 35 U.S.C. §§ 311–319, 37 C.F.R. § 42**

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EXHIBITS

APPLE-1001	U.S. Patent No. 7,881,236 to Park, et al. (“the ’236 patent”)
APPLE-1002	Prosecution History of the ’236 Patent (“the Prosecution History”)
APPLE-1003	Declaration of Jonathan Wells
APPLE-1004	Curriculum Vitae of Jonathan Wells
APPLE-1005	U.S. Patent No. 8,180,058 (“Kitazoe”)
APPLE-1006	Reserved
APPLE-1007	<i>3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA) Medium Access Control (MAC) protocol specification (Release 8), 3GPP TS-36.321 V8.1.0, (March 2008) (“3GPP TS-36.321”)</i>
APPLE-1008	U.S. Patent No. 6,634,020 (“Bates”)
APPLE-1009	U.S. Publication No. 20090163211 (“Kitazoe-II”)
APPLE-1010	U.S. Publication 20080059658 (“Williams”)
APPLE-1011	Van den Brand et al., <i>Streaming consistency: a model for efficient MPSoC design</i> , 10th Euromicro Conference on Digital System Design Architectures, Methods and Tools (2007) (“Van den Brand”)
APPLE-1012	U.S. Patent No. 6,161,160 (“Niu”)
APPLE-1013	U.S. Provisional No. 60/955,867 (“Kitazoe Provisional”)

- APPLE-1014 U.S. Patent No. 6,772,417 (“Ko”)
- APPLE-1015 U.S. Patent No. 7,675,905 (“Delaney”)
- APPLE-1016 U.S. Provisional No. 61/015,159 (“Kitazoe-II Provisional”)
- APPLE-1017 Joint Claim Construction Statement 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. On May 17, 2016 (“Joint Claim Construction Statement”)
- APPLE-1018 “3GPP FAQs,” available at <http://www.3gpp.org/about-3gpp/3gpp-faqs> (retrieved June 20, 2016)
- APPLE-1019 “3GPP specification: 36.321,” available at <http://www.3gpp.org/DynaReport/36321.htm> (retrieved June 20, 2016)
- APPLE-1020 “3GPP specification: 36.321,” archived by the Internet Archive Wayback Machine on May 5, 2008, available at <https://web.archive.org/web/20080505041953/http://www.3gpp.org/ftp/Specs/htmlinfo/36321.htm> (retrieved June 20, 2016)
- APPLE-1021 Declaration of Anne Koch Baland

Apple Inc., Microsoft Corporation, Microsoft Mobile Oy, and Microsoft Mobile Inc. (f/k/a Nokia Inc.) (collectively “Petitioner”) petition for *Inter Partes* Review (“IPR”) under 35 U.S.C. §§ 311–319 and 37 C.F.R. § 42 of claims 1-10, and 12-13 (“the Challenged Claims”) of U.S. Patent No. 7,881,236 (“the ’236 patent”). The Challenged Claims are unpatentable based on teachings set forth in at least the references presented in this petition. An IPR should therefore be instituted, and the Challenged Claims canceled as unpatentable.

I. MANDATORY NOTICES UNDER 37 C.F.R § 42.8(a)(1)

A. Real Party-In-Interest Under 37 C.F.R. § 42.8(b)(1)

Apple Inc., Microsoft Corporation, Microsoft Mobile Oy, Microsoft Mobile Inc. (f/k/a Nokia Inc.), Microsoft Luxembourg International Mobile SARL and Microsoft Luxembourg USA Mobile SARL are the real parties-in-interest. The Microsoft entities have numerous affiliated and/or related entities. However, no unnamed Microsoft entity is funding or controlling this Petition or any resulting IPR.

B. Related Matters Under 37 C.F.R. § 42.8(b)(2)

The ’236 patent is the subject of a number of civil actions including: *Evolved Wireless, Inc. v. Apple Inc.*, Civil Action No. 1:15-cv-00542-SLR; *Evolved Wireless, Inc. v. HTC Corporation et al.*, Civil Action No. 1:15-cv-00543-SLR; *Evolved Wireless, Inc. v. Lenovo Group Ltd. et al.*, Civil Action No. 1:15-cv-00544-SLR; *Evolved Wireless, Inc. v. Samsung Electronics Co., Ltd. et al.*, Civil

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