## UNITED STATES PATENT AND TRADEMARK OFFICE

\_\_\_\_\_

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC., MICROSOFT CORP., MICROSOFT MOBILE OY, AND MICROSOFT MOBILE INC.,

Petitioners

v.

EVOLVED WIRELESS, LLC Patent Owner

\_\_\_\_\_

Case IPR2016-01229 Patent 7,881,236

PATENT OWNER'S PRELIMINARY RESPONSE TO PETITIONERS' PETITION FOR INTER PARTES REVIEW OF UNITED STATES PATENT NO. 7,881,236



## TABLE OF CONTENTS

I.	Inti	odu	ction	1		
II.	The State of the art					
	A.	Mo	bile telephony and LTE	2		
	B.		entifying radio resources			
	C.		se station communicates the radio resources it has allocated to a with uplink grants	6		
	D.	A UE having new data to upload, but lacking radio resources sufficient for the upload, uses the random access procedure to obtain the resources.				
III.	The	The claims				
	A.	Ind	lependent claim 1	10		
	B.	Ind	lependent claim 7	13		
IV.	Cla	Claim Construction				
	A.	Cla	nim 1	15		
		1.	The claim language, properly read, excludes the possibility of transmitting new data along with the Msg3 buffer data	15		
		2.	Petitioners' claim construction is highly suspect because it claims an inoperative method			
		3.	Petitioners' claim construction arguments fail	19		
			a. Petitioners improperly dissect differences in meaning between "only when" and "if"	1		
			b. Petitioners' reliance on their cases is unfounded	20		
		1.	The broadest reasonable construction for claim 1 must be consistent with the <i>expressio unius</i> principle	21		
	B.	Cla	nim 7			
		1.	The broadest reasonable construction for claim 7 must be consistent with the expressio unius principle	23		
V.	The	The claims, using the broadest reasonable construction, are not obvious24				
	A.		u is not analogous prior art, and so cannot serve as a basis for itioners' obviousness arguments	25		



	В.	Petitioners' argument that the Kitazoe reference teaches not	
		transmitting the Msg3 buffer data along with the new data is contrary	
		to the prior art as a whole	28
	C.	Ground 2 fails because it depends on the incorrect analysis found in	
		Ground 1	34
VI	Cor	actuaion	2/



### **TABLE OF AUTHORITIES**

	Page(s)
Cases	
AIA Eng'g Ltd. v. Magotteaux Int'l S/A, 657 F.3d 1264 (Fed. Cir. 2011)	18
CAE Screenplates, Inc. v. Heinrich Fiedler GmbH & Co. KG, 224 F.3d 1308 (Fed. Cir. 2000)	20
Chevron USA Inc. v. Echazabal, 536 U.S. 77 (2002)	16
Chi. Bd. Options Exch., Inc. v. Int'l Sec. Exch., LLC, 677 F.3d 1361 (Fed. Cir. 2012)	20
Despoir, Inc. v. Nike USA, Inc., 2005 U.S. Dist. LEXIS 10845 (N.D. Ill. Feb. 9, 2005)	16
In re Cuozzo Speed Techs., LLC, 793 F.3d 1268 (Fed. Cir. 2015), aff'd, 136 S. Ct. 2131 (2016)	14
In re Klein, 647 F.3d 1343 (Fed. Cir. 2011)	25
PPC Broadband, Inc. v. Corning Optical Communs. RF, LLC, 815 F.3d 747 (Fed. Cir. 2016)	19, 20
Schott Gemtron Corp. v. SSW Holding Co., IPR2014-00367, Paper 62 (PTAB May 26, 2015)	26
Shenyang Yuanda Aluminum Industry Eng'g. v. United States, 776 F.3d 1351 (Fed. Cir. 2015)	15
Other Authorities	
37 C.F.R. § 42.107	1
MPEP § 2141	2



Pursuant to 37 C.F.R. § 42.107, Patent Owner Evolved Wireless, LLC submits this Preliminary Response to the above-captioned Petition for *Inter Partes* Review of U.S. Patent No. 7,811,236 ("Pet.," Paper 2).

#### I. Introduction

The Petition fails to establish a reasonable likelihood that Petitioners would prevail with respect to any claim challenged in the Petition. The failure is manifold. First, the Petition offers unreasonably broad constructions for two limitations of the independent claims of U.S. Patent No. 7,811,236 (the "236 patent"), Exhibit 1001.

Perhaps recognizing the unreasonableness of its proposed constructions, the Petition also offers narrower constructions, but the Board should deny the Petition under these constructions too. Exhibit 1005 (the Kitazoe reference) satisfies Petitioners' "only when" construction only if one takes one sentence in the reference and declares it to a hard-and-fast definition of the term "random access procedure." This is contrary to the prior art as a whole. The Kitazoe reference cannot show that certain acts happen "only when" certain events occur, because that reference presents only a limited review of the random access procedure that is at issue in the '236 patent, and it does not consider more complex cases (cases that the '236 patent inventors did consider). Accordingly, the conclusion Petitioners draw from the Kitazoe reference is unsupported.

But even more fatal to the Petition is its reliance on Niu, Exhibit 1012. Niu is used solely for obviousness grounds. Niu is not analogous art, yet it underlies both



# DOCKET

# 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.

