

**UNITED STATES PATENT AND TRADEMARK OFFICE**

---

**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

---

**Samsung Electronics Co., Ltd., and  
Samsung Electronics America, Inc.,**

**Petitioner**

**v.**

**Evolved Wireless LLC,**

**Patent Owner**

---

**PETITION FOR *INTER PARTES* REVIEW  
OF U.S. PATENT NO. 7,881,236**

**Case No. IPR2016-01345**

---

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

Evolved Wireless, LLC Exhibit 2008 – 001

## TABLE OF CONTENTS

I.	Introduction.....	1
II.	Mandatory Notices (37 C.F.R. § 42.8) .....	3
	A. Real Parties-in-Interest (§ 42.8(B)(1)) .....	3
	B. Related Matters (§ 42.8(B)(2)).....	3
	C. Counsel Information (§ 42.8(b)(3)).....	3
	D. Service Information.....	4
III.	Payment of Fees (37 C.F.R. § 42.15(A)).....	4
IV.	Grounds for Standing (37 C.F.R. § 42.104(A)).....	5
V.	Background of 236 Patent .....	5
	A. Summary .....	5
	B. Prosecution History .....	7
	C. Priority Date .....	7
VI.	Background of Technology .....	7
	A. Person of Ordinary Skill in the Art .....	7
	B. State of the Art .....	8
VII.	Prior Art References .....	12
	A. Prior Art Specifications (Exs. 1002 and 1003) .....	12
	B. Ericsson Patent (Ex. 1004).....	13
	C. “Printed Publication” Status.....	13
VIII.	Claim Construction (37 C.F.R. § 42.104(B)(3)) .....	17
	A. “transmitting the data stored in the Msg3 buffer to the base station using the UL Grant signal received on the	

	specific message, if there is data stored in the Msg3 buffer when receiving the UL Grant signal on the specific message and the specific message is the random access response message” (claim 1).....	17
B.	“acquiring the data stored in the Msg3 buffer if there is data stored in the Msg3 buffer when the reception module receives the UL Grant signal and the specific message is the random access response message” (claim 7).....	20
C.	Other Terms (claim 7) .....	21
IX.	Grounds of Rejection (37 C.F.R. § 42.104(B)(1)-(2), (4)).....	22
A.	Ground 1: Claims 1-6 are invalid based on the prior art specifications.....	22
	1. Independent claim 1 is invalid.....	24
	2. Dependent claim 2 is invalid.....	42
	3. Dependent claim 3 is invalid.....	43
	4. Dependent claim 4 is invalid.....	44
	5. Dependent claim 5 is invalid.....	46
	6. Dependent claim 6 is invalid.....	47
	7. Skilled artisans would have combined the teachings of the 300 and 321 references.....	48
B.	Ground 2: Claims 7-10 and 12-13 are invalid based on the prior art specifications and the Ericsson patent.....	50
	1. Independent claim 7 is invalid.....	50
	2. Dependent claim 8 is invalid.....	55
	3. Dependent claim 9 is invalid.....	57
	4. Dependent claim 10 is invalid.....	58

5.	Dependent claim 12 is invalid.....	59
6.	Dependent claim 13 is invalid.....	59
7.	Skilled artisans would have combined the prior art specifications' teachings with the Ericsson patent's teachings.....	59
X.	Conclusion .....	60

## EXHIBIT LIST

<b>Exhibit No.</b>	<b>Short Name</b>	<b>Description</b>
1001	236 patent	U.S. Patent No. 7,881,236
1002	300 reference	3GPP TS 36.300 v8.4.0 (2008-03), 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Overall description; Stage 2 (Release 8)
1003	321 reference	3GPP TS 36.321 v8.2.0 (2008-05), 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA) Medium Access Control (MAC) Protocol Specification (Release 8)
1004	Ericsson patent	U.S. Patent No. 9,204,468
1005	Philips submission	Change Request R2-081764, submitted by Philips and NXP Semiconductors to 3GPP TSG RAN WG2 for Meeting #61bis, held on March 31 to April 4, 2008, in Shenzhen, China
1006	236 file history	File history of U.S. Patent Application No. 12/538,514, which issued as the 236 patent
1007	36.300 specs listing	Printout of <a href="http://www.3gpp.org/ftp/Specs/archive/36_series/36.300/">http://www.3gpp.org/ftp/Specs/archive/36_series/36.300/</a>
1008	Qualcomm 156	“NDI and Message 3,” R2-084156, submitted by Qualcomm Europe to 3GPP TSG RAN WG2 for Meeting #63 held in Jeju Island, Korea on August 18 to August 22, 2008

# 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.