UNITED STATES PATENT AND TRADEMARK OFFICE

_____

BEFORE THE PATENT TRIAL AND APPEAL BOARD

_____

ERICSSON INC. ("ERICSSON")

Petitioner

- vs. -

INTELLECTUAL VENTURES II LLC ("INTELLECTUAL VENTURES")

Patent Owner

U.S. Patent No. 8,682,357

_____

DECLARATION OF SVEN EKEMARK

I, Sven Ekemark, declare as follows:

1. I am over the age of 21, and I have personal knowledge of the facts contained herein unless otherwise indicated. I am an employee of Telefonaktiebolaget LM Ericsson ("Ericsson").

2. I have been asked to provide this declaration to describe how certain Third Generation Partnership project ("3GPP") documents were disseminated.

3. The following table lists exhibits and appendices referenced herein.

Document	Reference
R2-060988, *PCH mapping and Paging control*, CATT, 3GPP RAN1/RAN2 joint meeting on LTE, March 27 – March 31, 2006, available at: http://www.3gpp.org/ftp/tsg_ran/wg2_rl2/TSGR2_52/Documents/ ("R2-060988")	**Ex. 1005**
R2-061014, *Discussion on LTE Paging and DRX*, LG Electronics, Joint RAN WG1 and RAN WG2 on LTE, March 27 – March 31, 2006, available at: http://www.3gpp.org/ftp/tsg_ran/wg2_rl2/TSGR2_52/Documents/ ("R2-061014")	**Ex. 1006**
R2-060905, *Access procedure for TDD*, CATT, RITT, 3GPP RAN1/RAN2 joint meeting on LTE, March 27 – March 31, 2006, available at: http://www.3gpp.org/ftp/tsg_ran/wg2_rl2/TSGR2_52/Documents/ ("R2-060905")	**Ex. 1007**
R1-050629, *Inter-cell Interference Mitigation*, Huawei, June 20 – June 21, 2005, available at: http://www.3gpp.org/ftp/tsg_ran/wg1_rl1/TSGR1_AH/LTE_AH_050 6/Docs/ ("R1-0500629")	**Ex. 1008**
3GPP TR 25.813, V0.6.0, 2006-03, available at: https://portal.3gpp.org/desktopmodules/Specifications/SpecificationD etails.aspx?specificationId=1246 ("TR25.813")	**Ex. 1013**
Quan, Haiyang, *CATT contributions for the RAN1/RAN2 joint meeting*, March 21, 2006, available at: https://list.etsi.org/scripts/wa.exe?A2=ind0603&L=3GPP_TSG_RAN	**Appx. A**

_WG2&P=39601	
R2-060905, *Access procedure for TDD*, CATT, RITT, 3GPP RAN1/RAN2 joint meeting on LTE, March 27 – March 31, 2006, available in R2-060905.zip at: https://list.etsi.org/scripts/wa.exe?A2=ind0603&L=3GPP_TSG_RAN _WG2&P=39601	**Appx. B**
Quan Haiyang, *CATT contributions for RAN1/RAN2 JM*, March 24, 2006, available at: https://list.etsi.org/scripts/wa.exe?A2=ind0603&L=3GPP_TSG_RAN _WG2&P=77863	**Appx. C**
R2-060988, *PCH mapping and Paging control*, CATT, 3GPP RAN1/RAN2 joint meeting on LTE, March 27 – March 31, 2006, available in R2-060988.zip at: https://list.etsi.org/scripts/wa.exe?A2=ind0603&L=3GPP_TSG_RAN _WG2&P=77863	**Appx. D**
SungJun Park, *LG Contributions(2) on Joint Meeting in Athens*, LG Electronics, March 21, 2006, available at: https://list.etsi.org/scripts/wa.exe?A2=ind0603C&L=3GPP_TSG_RA N_WG1&P=184751	**Appx. E**
R2-061014, *Discussion on LTE Paging and DRX*, LG Electronics, Joint RAN WG1 and RAN WG2 on LTE, March 27 – March 31, 2006, available in R2-061014.zip at: https://list.etsi.org/scripts/wa.exe?A2=ind0603C&L=3GPP_TSG_RA N_WG1&P=184751	**Appx. F**
Gaoke Du, *Huawei Contributions on RAN1 LTE Ad hoc Meeting*, Huawei, June 16, 2005, available at: https://list.etsi.org/scripts/wa.exe?A2=ind0506&L=3GPP_TSG_RAN _WG1&P=26850	**Appx. G**
R1-50629, *Inter-cell Interference Mitigation*, Huawei, June 20 – June 21, 2005, available in R1-50629.zip at: https://list.etsi.org/scripts/wa.exe?A2=ind0506&L=3GPP_TSG_RAN _WG1&P=26850	**Appx. H**
3GPP TR 25.813, V0.6.0, 2006-03, available in 25813 v060 Changes.zip at: https://list.etsi.org/scripts/wa.exe?A2=ind0603&L=3GPP_TSG_RAN _WG2&P=25253	**Appx. J**

3GPP TR 25.813, V0.6.0, 2006-03, available at: https://list.etsi.org/scripts/wa.exe?A2=ind0603&L=3GPP_TSG_RAN_WG2&P=25253	**Appx. I**
R2-061151, *Draft2 minutes of the 52nd TSG-RAN WG2 meeting*, available in R2-061151.zip at: http://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_52/Report/	**Appx. K**

I.   PROFESSIONAL BACKGROUND

4.   I graduated from Uppsala University in 1981 with a master's degree in applied physics. Upon graduation, I joined Ericsson as an engineer in Sweden. I have been employed at Ericsson since 1981, except for a short period from June to August 1989, when I was employed at Pharmacia Biosensor AB in Sweden.

5.   Since I joined Ericsson, I have held a number of positions relating to the development of 3GPP standards. 3GPP is a global initiative partnership that unities seven 3GPP telecommunications standard development organizations from around the world for the purpose of developing cellular wireless communication standards. I am currently employed by Ericsson in Stockholm as a systems engineer.

6.   Since 2010, I have worked on Long-Term Evolution (LTE) in the area of traffic load balancing and traffic management in eNodeB. From November 2003 – February 2009, I was engaged full-time in Ericsson's RAN2 delegation. During that time, I attended all regular RAN2 meetings and several ad hoc meetings. I monitored the development of LTE standards, but I was mainly

involved in the evolution of 3G, or third generation, wireless cellular standards. The evolution of 3G standards occurred in parallel with the development of LTE, which was viewed as the next step beyond 3G standards.

a. 3GPP Experience

7.   RAN1 and RAN2 were, and are, 3GPP working groups responsible for different, but related, portions of cellular standards. More specifically, RAN1 is a working group responsible for the specification of the physical layer of various cellular standards, and RAN2 was, and is, a working group responsible for signaling protocol layers residing just above the physical layer. The RAN1 Working Group is sometimes referred to as TSG-RAN1 or RAN WG1. Likewise, the RAN2 Working Group is sometimes referred to as TSG-RAN2 or RAN WG2. These Working Groups met regularly where member companies' contributions, draft specifications / reports, and other documents were presented for agreement. If there was agreement, the agreed documents were then submitted to the TSG RAN ("plenary meeting"), where they may be formally approved. I attended three of the TSG RAN meetings during my period as acting technical coordinator of the Ericsson RAN2 team. The TSG RAN meetings that I attended were in May, September, and November/December 2006.

8.   This declaration addresses 3GPP activities in the 2005-2006 timeframe, particularly prior to May 2006. In the 2005-2006 timeframe, there were

DOCKET ALARM

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.

fastcase®
Smarter legal research.