

Filed on behalf of Intellectual Ventures II LLC

By: Herbert D. Hart III
Peter J. McAndrews
Sharon A. Hwang
McAndrews, Held & Malloy, Ltd.
500 W. Madison St., 34th Floor
Chicago, IL 60661
Tel: 312-775-8000
Fax: 312-775-8100
E-mail: hhart@mcandrews-ip.com

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ERICSSON INC. AND TELEFONAKTIEBOLAGET LM ERICSSON.
Petitioners,

v.

INTELLECTUAL VENTURES II LLC
Patent Owner

Case IPR2015-01664
Patent No. 7,787,431

PATENT OWNER POWER OF ATTORNEY

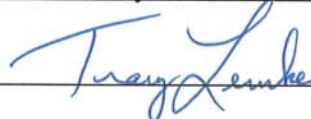
PATENT OWNER POWER OF ATTORNEY

Patent Owner Intellectual Ventures II LLC hereby appoints the below Practitioners, and all practitioners associated with PTO Customer Number 23446, as its attorneys to transact all business before the Patent Trial and Appeal Board of the United States Patent and Trademark Office in connection with the above-captioned Petition for *inter partes* review of United States Patent 7,787,431.

Lead Counsel	Back-up Counsel
Herbert D. Hart III Registration No. 30,063 McAndrews, Held & Malloy, Ltd. 500 West Madison Street, 34th Floor Chicago, IL 60661 Telephone: (312) 775-8000 Facsimile: (312) 775-8100 Email: hhart@mcandrews-ip.com	Peter J. McAndrews Registration No. 38,547 McAndrews, Held & Malloy, Ltd. 500 West Madison Street, 34th Floor Chicago, IL 60661 Telephone: (312) 775-8000 Facsimile: (312) 775-8100 Email: pmcandrews@mcandrews-ip.com
	Sharon A. Hwang Registration No. 39,717 McAndrews, Held & Malloy, Ltd. 500 West Madison Street, 34th Floor Chicago, IL 60661 Telephone: (312) 775-8000 Facsimile: (312) 775-8100 Email: shwang@mcandrews-ip.com

The individual signing below has the authority to execute this document on behalf of Intellectual Ventures II LLC.

Name: Tracy Lemke

Signature: 

Patent Owner Power of Attorney

IPR2015--01664

U.S. Patent No. 7,787,431

Title: Authorized Person

Company: Intellectual Ventures II LLC

Date: 8/21/15

Patent Owner Power of Attorney
IPR2015--01664
U.S. Patent No. 7,787,431

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing **Patent Owner Power of Attorney** was served on August 24, 2015, via email to counsel for Petitioners at the following:

J. Andrew Lowes
andrew.lowes.ipr@haynesboone.com
David M. O'Dell
david.odell.ipr@haynesboone.com
Russell Emerson
russell.emerson.ipr@haynesboone.com
Clint Wilkins
clint.wilkins.ipr@haynesboone.com
HAYNES AND BOONE, LLP
2323 Victory Ave. Suite 700
Dallas, TX 75219

Date: August 24, 2015

/Herbert D. Hart III/
Herbert D. Hart III