

UNITED STATES PATENT AND TRADEMARK OFFICE

---

BEFORE THE PATENT TRIAL AND APPEAL BOARD

---

ERICSSON INC. AND TELEFONAKTIEBOLAGET LM ERICSSON,  
Petitioner,

V.

INTELLECTUAL VENTURES II LLC,  
Patent Owner

---

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

---

**PETITIONER'S NOTICE OF APPEAL**

Please take notice that under 35 U.S.C. §§ 141(c), 142, 319; 37 C.F.R. §§ 90.2(a), 90.3(a), and Federal Rules of Appellate Procedure/Federal Circuit Rule 4(3)(a), Petitioner Ericsson hereby appeals to the United States Court of Appeals for the Federal Circuit from the Decision Denying Request for Rehearing entered on April 28, 2017 (Paper 26) and the Final Written Decision entered on February 8, 2017 (Paper 24), and all rulings leading up to those decisions.

In accordance with 37 C.F.R. § 90.2(a)(3)(ii), Ericsson's issues on appeal include at least: (i) the Board erred in finding that claims 8-12 and 18-22 are not unpatentable in view of Dulin, Zhuang, Yamaura, and Hwang; (ii) the Board erred in construing certain terms, including the term "transmit[ting] a broadcast channel in an OFDMA core-band"; and (iii) any findings or determinations supporting or related to the aforementioned issues as well as all other issues decided adversely to Ericsson in any orders, decisions, rulings, and opinions.

Simultaneously with this submission Ericsson is filing a copy of this Notice of Appeal with the Director of the United States Patent and Trademark Office and a copy of the same, along with the required docketing fee, with the Clerk of the United States Court of Appeals for the Federal Circuit as set forth in the accompanying Certificate of Service.

Case No. IPR2015-01664

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

/J. Andrew Lowes/

J. Andrew Lowes

Counsel for Petitioner

Registration No. 40,706

**CERTIFICATE OF SERVICE**

Pursuant to 37 C.F.R. § 1.903, the undersigned, on behalf of the Petitioners, Ericsson Inc. and Telefonaktiebolaget LM Ericsson, hereby certify that this Notice was served in the manner shown below, to the following, on this 27<sup>th</sup> day of June, 2017.

**Via Hand-Delivery and U.S. First Class Mail**

The Office of the General Counsel  
U.S. Patent and Trademark Office  
Madison Building East, 10B20  
600 Dulany Street  
Alexandria, Virginia 22313-1450

Patent Trial and Appeal Board  
U.S. Patent and Trademark Office  
Madison Building East, 10B20  
600 Dulany Street  
Alexandria, Virginia 22313-1450

**Via E-Mail:** [IV-IP15-01664@mcandrews-ip.com](mailto:IV-IP15-01664@mcandrews-ip.com)

Sharon A. Hwang,  
Peter J. McAndrews  
Herbert D. Hart III  
MCANDREWS, HELD & MALLOY, LTD  
500 West Madison Street, 34<sup>th</sup> Floor  
Chicago, IL 60661

James R. Hietala  
Tim R. Seeley  
INTELLECTUAL VENTURES MANAGEMENT  
Building 4, Floor 2  
3150 139<sup>th</sup> Avenue SE  
Bellevue, WA 98005

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

/J. Andrew Lowes/  
J. Andrew Lowes  
Counsel for Petitioner  
Registration No. 40,706