

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent of: Haller, et al.  
U.S. Patent No.: 7,039,033 Attorney Docket No.: 39521-0020IP5  
Issue Date: May 2, 2006  
Appl. Serial No.: 09/850,399  
Filing Date: May 7, 2001  
Title: System, device and computer readable medium for providing  
a managed wireless network using short-range radio signals

**Mail Stop Patent Board**

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

**PETITION FOR *INTER PARTES* REVIEW OF UNITED STATES PATENT  
NO. 7,039,033 PURSUANT TO 35 U.S.C. §§ 311–319, 37 C.F.R. § 42**

## TABLE OF CONTENTS

INTRODUCTION .....	1
RELEVANT BACKGROUND .....	3
I. APPLE’S PETITION IS NOT BARRED BECAUSE IXI’S NEW CLAIMS ARE NOT PART OF THE SAME “PATENT” FOR TIME-BAR PURPOSES AND CERTAINLY NOT PART OF IXI’S PRIOR SERVICE.....	6
A. The Federal Circuit’s <i>Click-to-Call</i> Decision Leaves Institution Decisions On Ex Parte Reexaminations To the Discretion of the Board, Based On Whether New Claims Contain the Same Scope .....	6
B. <i>Chevron</i> Step One: The Time-Bar Statute is Ambiguous As to Whether a Petition Like Apple’s Should Be Barred.....	9
C. <i>Chevron</i> Step Two: The Board Should Allow Petitions Challenging Substantively Different New Claims Obtained in Ex Parte Reexaminations.....	11
D. IXI’s New Claims Are Not “Substantially Identical” To The Original Claims And, Thus, Created a New Patent .....	16
II. IN THE ALTERNATIVE, THE BOARD SHOULD JOIN THE PRESENT IPR WITH APPLE’S PREVIOUS IPR .....	18
III. REQUIREMENTS FOR IPR .....	19
A. Grounds for Standing.....	19
B. Challenge and Relief Requested.....	19
IV. Estoppel .....	21
V. The ’033 Patent.....	22
VI. Claim Construction.....	23
VII. APPLICATION OF PRIOR ART TO CHALLENGED CLAIMS .....	23

A. [GROUND 1] – Claims 101, 103, 104, 105, 107 and 110 are obvious over Marchand, Nurmann, Vilander, Williams, 802.11b, and JINI Spec. ....	23
B. [GROUND 2] – Claim 102 is obvious over Marchand, Nurmann, Vilander, Williams, 802.11b, JINI Spec., and Narayanaswami.....	53
C. [GROUND 3] – Claim 106 is obvious over Marchand, Nurmann, Vilander, Williams, 802.11b, JINI Spec., and Chen .....	55
D. [GROUND 4] – Claims 108 is obvious over Marchand, Nurmann, Vilander, Williams, 802.11b, JINI Spec., and RFC 2543 .....	60
E. [GROUND 5] – Claims 109 and 111 are obvious over Marchand, Nurmann, Vilander, Williams, 802.11b, JINI Spec., and Larsson.....	63
VIII. PAYMENT .....	68
IX. CONCLUSION.....	68
X. MANDATORY NOTICES UNDER 37 C.F.R § 42.8(a)(1).....	68
A. Real Party-In-Interest Under 37 C.F.R. § 42.8(b)(1) .....	68
B. Related Matters Under 37 C.F.R. § 42.8(b)(2).....	68
C. Lead And Back-Up Counsel Under 37 C.F.R. § 42.8(b)(3).....	69
D. Service Information .....	69

**EXHIBITS**

- EXHIBIT 1001 U.S. Patent No. 7,039,033 to Haller et al. (“’033 patent”)
- EXHIBIT 1002 Prosecution History of the ’033 patent
- EXHIBIT 1003 Declaration of Dr. Sayfe Kiaei
- EXHIBIT 1004 Curriculum Vitae of Dr. Sayfe Kiaei
- EXHIBIT 1005 International Publication No. WO 2001/76154 A2 to Marchand (“Marchand”)
- EXHIBIT 1006 U.S. Patent Application No. 09/541,529 to Marchand (“Marchand Priority”)
- EXHIBIT 1007 Handley et al., Request For Comments 2543 SIP: Session Initiation Protocol, The Internet Society, March, 1999 (“RFC 2543”)
- EXHIBIT 1008 U.S. Patent No. 6,836,474 to Larsson (“Larsson”)
- EXHIBIT 1009 K. Arnold et al., The JINI™ Specification, Addison-Wesley, June 1, 1999 (“JINI Spec.”)
- EXHIBIT 1010 U.S. Patent No. 6,560,642 to Nurmman (“Nurmman”)
- EXHIBIT 1011 U.S. Patent No. 6,771,635 to Vilander (“Vilander”)
- EXHIBIT 1012 U.S. Patent Application Publication No. 2002/0068608 to Souissi (“Souissi”)
- EXHIBIT 1013 U.S. Patent No. 6,486,832 to Abramov, et al. (“Abramov”)
- EXHIBIT 1014 U.S. Patent No. 7,193,965 to Nevo, et al. (“Nevo”)
- EXHIBIT 1015 U.S. Patent No. 6,556,222 to Chandrasekhar Narayanaswami (“Narayanaswami”)
- EXHIBIT 1016 International Publication No. WO 1999/22338 to Williams (“Williams”)

- EXHIBIT 1017 U.S. Patent No. 7,155,163 to Cannon (“Cannon”)
- EXHIBIT 1018 802.11b, “Supplement to IEEE Standard for Information Technology – Telecommunications and Information Exchange Between Systems – Local and Metropolitan Area Networks – Specific Requirements. Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Higher-Speed Physical Layer Extension in the 2.4 GHz Band,” Print ISBN 0738118117, published January 20, 2000 (“802.11b”)
- EXHIBIT 1019 IEEE 802.11, “IEEE Standard for Information Technology—Telecommunications and Information Exchange Between Systems—Local and Metropolitan Area Networks—Specific requirements. Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications,” ISBN 0-7381-1658-0, published August 20, 1999 (“802.11”)
- EXHIBIT 1020 A COLLECTION OF JINI TECHNOLOGY HELPER UTILITIES AND SERVICES SPECIFICATIONS (“JINI Collection”)
- EXHIBIT 1021 U.S. Patent No. 5,465,401 to Thompson (“Thompson”)
- EXHIBIT 1022 GSM Phase 2+ General Packet Radio Service GPRS: Architecture, Protocols, and Air Interface (“Bettstetter”)
- EXHIBIT 1023 U.S. Patent No. 6,557,037 to Provino (“Provino”)
- EXHIBIT 1024 U.S. Patent No. 6,028,848 to Bhatia (“Bhatia”)
- EXHIBIT 1025 U.S. Patent No. 6,185,611 to Waldo, et al. (“Waldo”)
- EXHIBIT 1026 Bluetooth Specification, Version 1.0B (“Bluetooth Spec.”)
- EXHIBIT 1027 IPR2015-01443, Petition
- EXHIBIT 1028 IPR2015-01444, Petition

# 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.