

~~UNITED STATES PATENT AND TRADEMARK OFFICE~~

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Inter Partes Review of: )  
U.S. Patent No. 9,445,251 )  
Issued: September 13, 2016 )  
Application No.: 14/633,804 )

For: Method to Provide Ad Hoc and Password Protected Digital and Voice Networks

FILED VIA E2E

~~BEFORE THE PATENT TRIAL AND APPEAL BOARD~~

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**GOOGLE LLC**  
**Petitioner**

**v.**

**AGIS SOFTWARE DEVELOPMENT, LLC**  
**Patent Owner**

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**Case IPR2018-01083**  
**Patent 9,445,251**

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**DECLARATION OF DAVID HILLIARD WILLIAMS IN SUPPORT OF  
PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 9,445,251**

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Apple Inc. Exhibit 1030

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## TABLE OF CONTENTS

<b>I.</b>	<b>Qualifications .....</b>	<b>4</b>
<b>II.</b>	<b>My Understanding of Claim Construction.....</b>	<b>7</b>
<b>III.</b>	<b>My Understanding of Obviousness .....</b>	<b>8</b>
<b>IV.</b>	<b>Level of Ordinary Skill in the Art.....</b>	<b>11</b>
<b>V.</b>	<b>Overview of the '251 Patent.....</b>	<b>12</b>
	A. The Priority Date of the '251 Patent Cannot Be Earlier Than April 17, 2006	16
<b>VI.</b>	<b>Overview of the State of the Art at the Time of Filing.....</b>	<b>18</b>
	A. Systems for Locating Wireless Devices, such as E911 systems, arrived in the 1990s.....	20
	B. Expanding Wireless Device Locators to the Creation of Ad-Hoc Networks for Emergency Responders was Known .....	23
	C. Utilizing Interactive Maps within the Context of Location-Based Services and Ad-Hoc Networks was known.....	30
	D. Conclusion .....	31
<b>VII.</b>	<b>Ground of Unpatentability .....</b>	<b>32</b>
	A. Ground 1: The combination of Fumarolo-782, Fumarolo-844, Muramatsu, and Liu teaches or suggests each feature of claims 1, 2, 4-6, 8, 10, 12, 22-24, 27, 29, 31, 32, and 35. ....	32
	1. Overview of Fumarolo-782.....	32
	2. Overview of Fumarolo-844.....	33
	3. Overview of Muramatsu .....	34
	4. Overview of Liu .....	34
	5. Overview of the Combination of Fumarolo-782, Fumarolo-844, Muramatsu, and Liu.....	35
	6. Motivation to Combine Fumarolo-782, Fumarolo-844, Muramatsu, and Liu .....	37
	7. The combination of Fumarolo-782, Fumarolo-844, Muramatsu, and Liu discloses or suggests each feature of claims 1, 2, 4-6, 8, 10, 12, 22-24, 27, 29, 31, 32, and 35.....	49
	B. Dependent Claims 2, 4-6, 8, 10, 12, 22, 23, 27, 29, 31, 32, and 35 Recite Nothing More Than Obvious Design Choices .....	98

**VIII. Conclusion .....99**

## EXHIBIT LIST

Exhibit No.	Description
1001	U.S. Patent No. 9,445,251 to Beyer, Jr. <i>et al.</i> , issued September 13, 2016 (“251 Patent”)
1002	File History of U.S. Patent No. 9,445,251 (“251 Patent File History”)
1003	Declaration of David Hilliard Williams (“Williams”)
1004	<i>Curriculum Vitae</i> of David Hilliard Williams
1005	U.S. Patent No. 6,366,782 to Fumarolo <i>et al.</i> , issued April 2, 2002 (“Fumarolo-782”)
1006	U.S. Patent No. 6,204,844 to Fumarolo <i>et al.</i> , issued March 20, 2001 (“Fumarolo-844”)
1007	U.S. Patent Application Publication No. 2002/0173906 to Muramatsu, published November 21, 2002, (“Muramatsu”)
1008	U.S. Patent Application Publication No. 2002/0027901 to Liu <i>et al.</i> , issued March 7, 2002 (“Liu”)
1009	Plaintiff’s Original Complaint for Patent Infringement, <i>AGIS Software Development LLC v. Huawei Device USA Inc., et al.</i> , Case No. 2:17-cv-00513 (TXED), filed June 21, 2017. (“Infringement Complaint”)
1010	U.S. Patent No. 7,031,728 to Beyer, Jr., issued April 18, 2006 (“728 Patent”)
1011	U.S. Patent No. 7,630,724 to Beyer, Jr. , <i>et al.</i> , issued December 8, 2009 (“724 Patent”)
1012	911 and E911 Services, Federal Communications Commission, <a href="http://www.fcc.gov/e911">www.fcc.gov/e911</a> (last visited May 7, 2018)
1013	Fact Sheet, FCC Wireless 911 Requirements (January 2001), available at <a href="https://transition.fcc.gov/pshs/services/911-services/enhanced911/archives/factsheet_requirements_012001.pdf">https://transition.fcc.gov/pshs/services/911-services/enhanced911/archives/factsheet_requirements_012001.pdf</a>
1014	Jock Christie, <i>et al.</i> , <i>Development and Deployment of GPS Wireless Devices for E911 and Location Based Services</i> (Position, Location, and Navigation Symposium, 2002) (“Christie”)
1015	Dale N. Hatfield, <i>A Report on Technical and Operational Issues Impacting The Provision of Wireless Enhanced 911 Services</i> , Federal Communications Commission (2002) (“Hatfield”)
1016	Charles E. Perkins, “Ad Hoc Networking.” Nokia Research Center (November 28, 2000) (“Perkins”)

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