Filed on behalf of: Apple Inc.

Entered: March 22, 2019

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC., Petitioner,

v.

AGIS SOFTWARE DEVELOPMENT LLC, Patent Owner.

> Case IPR2019-00523 U.S. Patent No. 9,445,251

PETITIONER'S EXHIBIT LIST

Pursuant to 37 C.F.R. § 42.63(e), Petitioner Apple Inc. ("Petitioner")

Exhibit No.	Description
1001	U.S. Patent No. 9,445,251 to Beyer, Jr. et al., 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	Curriculum Vitae of David Hilliard Williams
1005	U.S. Patent No. 6,366,782 to Fumarolo et al., issued April 2, 2002
	("Fumarolo-782")
1006	U.S. Patent No. 6,204,844 to Fumarolo et al., 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 et
	<i>al.</i> , issued March 7, 2002 ("Liu")
1009	Plaintiff's Original Complaint for Patent Infringement, AGIS
	Software Development LLC v. Huawei Device USA Inc., et al.,
	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., et al., issued December 8,
	2009 ("'724 Patent")
1012	911 and E911 Services, Federal Communications Commission,
	www.fcc.gov/e911 (last visited May 7, 2018)
1013	Fact Sheet, FCC Wireless 911 Requirements (January 2001),
	available at https://transition.fcc.gov/pshs/services/911-
	services/enhanced911/archives/factsheet_requirements_012001.pdf
1014	Jock Christie, et al., Development and Deployment of GPS Wireless
	Devices for E911 and Location Based Services (Position, Location,
	and Navigation Symposium, 2002) ("Christie")
1015	Dale N. Hatfield, A Report on Technical and Operational Issues
	Impacting The Provision of Wireless Enhanced 911 Services,
	Federal Communications Commission (2002) ("Hatfield")

Exhibit No.	Description
1016	Charles E. Perkins, "Ad Hoc Networking." Nokia Research Center
	(November 28, 2000) ("Perkins")
1017	Duncan Scott Sharp, <i>Adapting Ad Hoc Network Concepts to Land</i> <i>Mobile Radio Systems</i> (1972 Ph.D. dissertation, University of Alberta) (on file with Simon Fraser University, December 2002)
	("Duncan")
1018	Madhavi W. Subbarao, <i>Mobile Ad Hoc Data Networks for</i> <i>Emergency Preparedness Telecommunications - Dynamic Power-</i> <i>Conscious Routing Concepts</i> (Submitted as an interim project for Contract Number DNCR086200 to the National Communications
1019	Systems, February 1, 2000) ("Subbarao") Intentionally Left Blank
1019	McKinsey & Company, <i>The McKinsey Report : FDNY 9/11</i> <i>Response</i> (2002) ("The McKinsey Report")
1021	William K. Rashbaum, <i>Report on 9/11 Finds Flaws In Response of Police Dept.</i> , N.Y. Times (July 27, 2002), <i>available at</i> http://www.nytimes.com/2002/07/27/nyregion/report-on-9-11-finds-flaws-in-response-of-police-dept.html?mcubz=0
1022	Fred Durso, Jr., <i>A Decade of Difference</i> , NFPA Journal (Sept. 1, 2011), <i>available at</i> http://www.nfpa.org/news-and-research/publications/nfpa-journal/2011/september-october-2011/features/a-decade-of-difference
1023	Rick Rotondo, "Locate-Track-Extract; Wireless Mesh Networking Allows Commanders to Keep Track of Firefighters at an Incident Scene," <i>Mission Critical Communications</i> , March 2004
1024	U.S. Patent Publication No. 2003/0100326 to Grube <i>et al.</i> , published May 29, 2003 ("Grube")
1025	U.S. Patent No. 6,654,683 to Jin <i>et al.</i> , issued November 25, 2003 ("Jin")
1026	U.S. Patent No. 6,119,017 to Cassidy <i>et al.</i> , issued September 12, 2000 ("Cassidy")
1027	U.S. Patent No. 5,563,931 to Bishop <i>et al.</i> , issued October 8, 1996 ("Bishop")

Exhibit No.	Description
1028	Ching-Chien Chen, et al., Automatically and Accurately Conflating Satellite Imagery and Maps (University of Southern California, October 2003) ("Chen")
1029	Computer-generated redline comparison between petition in IPR2018-01083 and instant Petition
1030	Computer-generated redline comparison between Williams Declaration (Google 1003) ff IPR2018-01083 and Williams Declaration (Exhibit 1003) attached hereto
1031	Settlement and License Agreement (Parties and Board only)

Respectfully submitted,

Dated: March 22, 2019

By: / Matthew J. Moore /

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Counsel for Petitioner

CERTIFICATE OF SERVICE

Pursuant to 37 C.F.R. § 42.6(e), I certify that on this 22nd day of March,

2019, a copy of **Petitioner's Exhibit List and Exhibit 1031** were served by

electronic mail on Patent Owner's lead and backup counsel at the following email

addresses:

DOCKET

Vincent J. Rubino, III (Reg. No. 68,594) Alfred R. Fabricant (*pro hac vice* to be filed) Peter Lambrianakos (Reg. No. 58,279) Enrique W. Iturralde (Reg. No. 72,883) BROWN RUDNICK LLP 7 Times Square New York, NY 10036 212.209.4800 vrubino@brownrudnick.com afabricant@brownrudnick.com plambrianakos@brownrudnick.com

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