
APPLE INC.,
Petitioner,

v.

MPH TECHNOLOGIES OY,
Patent Owner.

Case IPR2019-00823
Patent 9,712,494

EXHIBIT 2010

DECLARATION OF MICHAEL S. BORELLA

II.	QUALIFICATIONS.....	2
III.	BASES OF OPINIONS.....	4
IV.	ORDINARY SKILL IN THE ART.....	4
V.	NETWORK ADDRESS TRANSLATION.....	6
VI.	REALM SPECIFIC IP (RSIP).....	7
VII.	RSIP WITH IPSEC.....	9
VIII.	CLAIM CONSTRUCTION.....	14
IX.	A POSITA WOULD HAVE CONCLUDED THAT THE RSIP FRAMEWORK OF RFC 3104 DOES NOT TEACH OR SUGGEST HOST MOBILITY AS DEFINED IN THE '494 PATENT	15
A.	The '494 Patent Addresses the Deficiencies of IPSEC in the Presence of Host Mobility.....	15
B.	RFC 3104 is Silent Regarding Host Mobility.....	16
C.	RFC 3104 Does Not Teach a POSITA That Host X or Host Y of the RSIP Model Changes Addresses as Described by Dr. Goldschlag.....	17
D.	RFC 3104 Does Not Teach a POSITA That Host X or Host Y of the Roadwarrior Scenario Changes Addresses as Described by Dr. Goldschlag.....	19
E.	A POSITA Would Have Understood That the ASSIGN_REQUEST_IPSEC Message is Not Used to Provide an Address of Address space A to Host X.....	23

proceeding. I have been retained by MPH Technologies Oy (“MPH”), the Patent Owner, in the above proceedings. Petitioner in this case is Apple Inc. (“Apple”).

2. Unless otherwise noted, the statements made herein are based on my personal knowledge, and if called to testify about this declaration, I could and would do so competently and truthfully.

3. A detailed record of my professional qualifications can be found in Exhibit 2009 and is summarized in Section II, *infra*.

4. In addition to being a technical expert, I am a practicing patent attorney. In this proceeding, however, I am serving as a fact witness and a technical expert witness, not submitting testimony as an expert on the law.

5. All statements in this declaration are in my opinion, and to the best of my knowledge and understanding. Some of these opinions are based, in part, on my recollection of events surrounding the development of technologies at issue in this proceeding. All statements regarding the understanding of one of ordinary skill in the art have been made to reflect that understanding at the time of invention of the '494 Patent.

II. QUALIFICATIONS

7. I am an experienced researcher, educator, software engineer, manager, and executive, serving in a variety of roles in industry and academia. My areas of technical expertise include computer networking, telecommunications, Internet protocols, network security, operating systems, wireless networks, and mobile applications.

8. I have over twenty-eight years of experience in computer networking since I received by bachelor's degree in computer science in 1991. I have twelve years of industry software and networking experience at 3Com Corporation, Commworks (a subsidiary of 3Com Corporation), UTStarcom, and Fastmobile since receiving my Ph.D. in computer science in 1995. This time period overlaps in part with my ten years as a professor / instructor at Northwestern University and DePaul University in electrical engineering and computer science, respectively. In 2007, I became a technical advisor with McDonnell Boehnen Hulbert and Berghoff, LLP (MBHB) focused on advising entities of various sizes in regard to computer networking, telecommunications, Internet protocols, network security,

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.