

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

MICROSOFT CORPORATION,
Petitioner,

v.

UNILOC 2017 LLC,
Patent Owner.

U.S. Patent No.: 6,993,049
Issued: January 31, 2006
Application No.: 09/876,514
Filed: June 7, 2001
Title: COMMUNICATION SYSTEM

DECLARATION OF PETER RYSAVY

Dated: May 6, 2019

MICROSOFT CORP.
EXHIBIT 1003

TABLE OF CONTENTS

	Page(s)
I. INTRODUCTION AND ENGAGEMENT	4
II. BACKGROUND AND QUALIFICATIONS	4
III. MATERIALS CONSIDERED AND INFORMATION RELIED UPON REGARDING '049 PATENT.....	7
IV. SUMMARY OF CONCLUSIONS	10
V. LEGAL UNDERSTANDING	10
VI. THE '049 PATENT.....	13
VII. RELEVANT FIELD AND LEVEL OF ONE OF ORDINARY SKILL IN THE ART	14
VIII. CLAIM CONSTRUCTION	15
IX. OVERVIEW OF REFERENCES.....	16
A. Larsson (U.S. Pat. No. 6,704,293)	16
B. The Bluetooth Specification.....	19
C. RFC826	22
D. 802.11 (Ex. 1007).....	23
X. A POSITA WOULD HAVE NATURALLY COMBINED LARSSON, THE BLUETOOTH SPECIFICATION, AND RFC826 TO CARRY OUT A METHOD SATISFYING THE ELEMENTS OF CLAIMS 11-12	27
A. Combining Larsson With The Bluetooth Specification	27
B. Combining Larsson With RFC826.....	31
C. Larsson, The Bluetooth Specification, and RFC826 Would Have Naturally Been Combined In A Manner That Satisfies Claims 11-12 Of The '049 Patent.....	33

1. Claim 1133

2. Claim 1253

XI. A POSITA WOULD HAVE NATURALLY
IMPLEMENTED THE NETWORK SPECIFIED BY 802.11 IN A
MANNER THAT SATISFIED THE ELEMENTS OF CLAIMS 11-12.....54

A. Claim 1154

B. Claim 1264

XII. SIGNATURE.....65

I, Peter Rysavy, do hereby declare as follows:

I. INTRODUCTION AND ENGAGEMENT

1. I have been retained as an independent expert by attorneys at Klarquist Sparkman, LLP, who I understand to represent Microsoft Corporation in connection with *Inter Partes* Review (“IPR”) of U.S. Patent No. 6,993,049 (hereinafter “the ’049 Patent”). In this report I provide my analyses and opinions on certain technical issues related to the ’049 patent.

2. I am being compensated at my usual and customary rate for the time spent in connection with this IPR. My compensation is not affected by the outcome of this IPR.

II. BACKGROUND AND QUALIFICATIONS

3. I graduated with BSEE and MSEE degrees from Stanford University in 1979.

4. From 1988 to 1993, I was vice president of engineering and technology at Traveling Software (later renamed LapLink), at which projects included LapLink, LapLink Wireless, and connectivity solutions for a wide variety of mobile platforms. During this period, I was responsible for evaluating wireless technologies for use with the LapLink file transfer and synchronization product family. I also managed the development of a short-range wireless modem called LapLink Wireless that replaced a serial-data cable connection between computers.

Prior to Traveling Software, I spent seven years at Fluke Corporation, where I worked on data-acquisition products and touch-screen technology.

5. I am the president of the consulting firm Rysavy Research LLC and have worked as a consultant in the field of wireless technology since 1993. As a consultant I specialize in wireless technology. One of my clients in 1994 was McCaw Cellular (which later became AT&T Wireless), the leading U.S. cellular company at the time. I did multiple projects for McCaw Cellular, helping me develop my expertise in wireless and cellular technology.

6. Beginning in 1994, I began teaching public wireless courses, including courses that I taught at Portland State University and the University of California, Los Angeles. These courses included content about paging networks, cellular networks (1G to 5G), mobile-data networks, Wi-Fi (IEEE 802.11), Bluetooth, IR-based technologies (IEEE 802.11 and IRDA), satellite systems, and mobile-application architectures. Particularly relevant courses include:

- UCLA, 2001, "Wireless Data Systems," one-day course
- CMP Web 2000, "Wireless Data Networks," one-day course
- UCLA, 2000, "Wireless Data Systems," two-day course
- Portable Design Conference, 1999, "Wireless Data Integration," one-day course.

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