

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of: Pinter
U.S. Pat. No.: 5,894,506
Issue Date: Apr. 13, 1999
Appl. Serial No.: 08/708,696
Filing Date: Sep. 5, 1996
Title: METHOD AND APPARATUS FOR GENERATING AND
COMMUNICATING MESSAGES BETWEEN
SUBSCRIBERS TO AN ELECTRONIC MESSAGING
NETWORK

Attorney Docket No.: 19473-0348IP4

DECLARATION OF MR. PETER RYSAVY

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I, Peter Rysavy, of Hood River, Oregon, declare that:

I. ASSIGNMENT

1. I have been retained as a technical expert by counsel on behalf of Google Inc. (“Google” or “Petitioner”). I understand that Google is requesting that the Patent Trial and Board (“PTAB” or “Board”) institute *inter partes* review (“IPR”) proceedings of U.S. Patent No. 5,894,506 (“the ’506 patent”) (Ex. 1001).

2. I have been asked to provide my independent analysis of the ’506 patent in light of the prior art publications cited below.

3. I am not, and never have been, an employee of Google. I received no compensation for this declaration beyond my normal hourly compensation based on my time actually spent analyzing the ’506 patent, the prior art publications cited below, and the issues related thereto, and I will not receive any added compensation based on the outcome of any IPR or other proceeding involving the ’506 patent.

II. QUALIFICATIONS

4. I have more than thirty-five years of technical experience working and teaching in the field of wireless communication technologies and other disciplines of electrical and computer engineering.

5. In 1979, I graduated from Stanford University with both a Bachelor’s of Science degree in electrical engineering (BSEE) and a Master’s of Science degree in electrical engineering (MSEE).

6. Following graduation from Stanford, I was employed at the Fluke Corporation, where I gained extensive experience developing data-acquisition products and touchscreen technologies.

7. After seven years at Fluke Corporation, I moved to Traveling Software, where, from 1988 to 1993, I held the position of Vice President of Engineering and Technology. While at Traveling Software (later renamed LapLink), I managed development of a range of products, including 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.

8. In 1993, I founded a consulting firm, Rysavy & Associates, later renamed to Rysavy Research LLC. I have worked as a consultant in the field of wireless communications since that time, and am currently President of Rysavy Research LLC. Beginning in 1994, while continuing my work as a consultant, I also began teaching public courses on wireless technologies. For example, I taught courses at Portland State University and the University of California in Los Angeles. These courses included content about paging, cellular, mobile-data networks, mobile-browser technologies, and mobile-application architectures.

9. Past projects have included evaluation of wireless technology capabilities, reports on the evolution of wireless technology, strategic consultations, system design, articles, courses and webcasts, network performance measurement, test reports, and involvement in multiple patent litigation cases. This included analysis of the functionality of pagers in use during the mid-1990s, such as units offered by Motorola and SkyTel. *See* http://www.rysavy.com/Articles/1997_01_Two_Way_Paging.pdf. My past and current clients include more than ninety-five organizations.

10. I am an author or co-author of more than 160 articles, reports, and papers, and I have taught more than 40 public courses and webcasts about topics in wireless technology. I have also performed technical evaluations of many wireless technologies including mobile browser technologies, wireless email systems, municipal/mesh Wi-Fi networks, Wi-Fi hotspot networks, cellular-data services, and social networking applications.

11. Since 2000, as part of my consulting practice, I have been the executive director of the Portable Computer and Communications Association (PCCA), which was formally incorporated in May of 1993. The PCCA currently operates as the Wireless Technology Association. The PCCA's mission has been to promote the interoperability of wireless-data systems, and its initial work was to develop interfaces between computer and wireless modems, as described, for

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