

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent of: Rojas  
U.S. Pat. No.: 8,995,433 Attorney Docket No.: 19473-0371IP1  
Issue Date: March 31, 2015  
Appl. Serial No.: 14/224,125  
Filing Date: March 25, 2014  
Title: SYSTEM AND METHOD FOR INSTANT VOIP  
MESSAGING

**DECLARATION OF PAUL S. MIN, Ph.D.**

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I, Dr. Paul S. Min of St. Louis, Missouri, 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 Appeal Board (“PTAB” or “Board”) institute *inter partes* review (“IPR”) proceedings of U.S. Patent No. 8,995,433 (“the ’433 patent”) (Ex. 1001).

2. I have been asked to provide my independent analysis of the ’433 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 ’433 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 ’433 patent.

## **II. QUALIFICATIONS**

4. I earned a Bachelor of Science degree in Electrical Engineering in 1982, a Master of Science degree in Electrical Engineering in 1984, and a Ph.D. degree in Electrical Engineering in 1987, all from the University of Michigan in Ann Arbor. All of my degrees from the University of Michigan are with

distinction. In addition, I received several academic awards, including a best graduate student award and a best teaching assistant award, during my study at the University Michigan. I also received a best paper award in a major international symposium for the paper based on my Ph.D. thesis.

5. After obtaining my Ph.D., I worked at Bellcore (now Telcordia Technologies, Inc.) in New Jersey from August 1987 until August 1990, as a lead engineer in major projects for the Regional Bell Operating Companies. In these projects, I was responsible for developing and analyzing next generation technologies to be incorporated in Regional Bell Operating Companies' communication networks, including transmission and switching technologies based on wireless and optical media and a variety of service and application infrastructures.

6. In September 1990, I joined the faculty at Washington University in St. Louis. I was an Assistant Professor of Electrical Engineering until June 1996, and then was promoted to an Associate Professor of Electrical Engineering with tenure. Since July 2002, I have been an Associate Professor of Electrical and Systems Engineering at Washington University.

7. My research activities at Washington University have focused on multi-media, high-speed communication and computing, including high performance switches and routers used in the Internet and in various types of local

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