IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of: Sanjay K. Rao, et al.

U.S. Patent No.: 9,319,075 Attorney Docket No.: 52959.103R075

Issue Date: April 19, 2016 Appl. Serial No.: 14/685,592 Filing Date: April 13, 2015

Title: WIRELESS DEVICES WITH TRANSMISSION CONTROL AND

MULTIPLE INTERNET PROTOCOL (IP) BASED PATHS OF

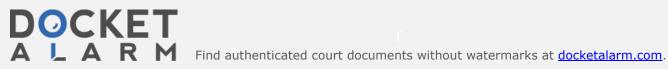
COMMUNICATION

DECLARATION OF DR. MICHAEL ALLEN JENSEN



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I, Michael A. Jensen declare as follows:

I. ASSIGNMENT

- 1. I have been retained as a technical expert by counsel on behalf of Apple, Inc. ("Petitioner"). I understand that Petitioner is requesting that the Patent Trial and Appeal Board institute an inter partes review ("IPR") proceeding with respect to U.S. Patent No. 9,319,075 ("the '075 patent").
- 2. I have been asked to provide my independent analysis of the '075 patent in light of the prior art publications cited in Section VII below.
- 3. I am not, and never have been, an employee of Petitioner. I received no compensation for this Declaration beyond my normal hourly compensation based on my time actually spent analyzing the '075 patent, the prior art publications cited in Section VII below, and issues related thereto, and I will not receive any added compensation based on the outcome of any IPR or other proceeding involving the '075 patent.
- 4. My analysis here is based on my years of education, research and experience, as well as my investigation and study of relevant materials, including those cited here. I may rely upon these materials, my knowledge and experience, and/or additional materials to rebut arguments raised by the Patent Owner. Further, I may also consider additional documents and information in forming any



necessary opinions, including documents that may not yet have been provided to me.

5. My analysis of the materials produced in this proceeding is ongoing and I will continue to review any new material as it is provided. This declaration represents only those opinions I have formed to date. I reserve the right to revise, supplement, and/or amend my opinions stated here based on new information and on my continuing analysis of the materials already provided.

II. QUALIFICATIONS AND BACKGROUND INFORMATION

- 6. I have personal knowledge or have developed knowledge of these technologies based upon education, training, or experience, of the matters set forth herein.
- 7. A detailed description of my professional qualifications, including a listing of my specialties/expertise and professional activities, is contained in my *curriculum vitae*, a copy of which is provided as Exhibit 1004. Below is a short summary of my professional qualifications.
- 8. I earned a Bachelor of Science (B.S.) degree and a Master of Science (M.S.) degree in Electrical Engineering from Brigham Young University in 1990 and 1991, respectively, and a Doctor of Philosophy (Ph.D.) degree in Electrical Engineering from the University of California, Los Angeles in 1994.



- 9. I am a tenured Professor at Brigham Young University. In this role, I have taught undergraduate and graduate courses for 27 years in the areas of electromagnetic field theory, antenna design and analysis, radio frequency circuit design, signal processing, and communications systems. Additionally, I have supervised twenty-five graduate student theses and dissertations within these subject areas.
- 10. I am Dean of the Ira A. Fulton College of Engineering at Brigham Young University and a Fellow of the Institute of Electrical and Electronics Engineers (IEEE). I was previously the President of the IEEE Antennas and Propagation Society, an elected member of the Administrative Committee for the IEEE Antennas and Propagation Society, Editor-in-Chief of the IEEE Transactions on Antennas and Propagation, and associate editor for the IEEE Transactions on Antennas and Propagation and the IEEE Antennas and Wireless Propagation Letters. I was Chair of the Department of Electrical and Computer Engineering at Brigham Young University from 2006 through 2012.
- 11. I was recognized for my research and teaching at Brigham Young
 University by being awarded University Professor status in 2013. I also received
 the Karl G. Maeser Research and Creative Arts Award at Brigham Young
 University in 2005, the Outstanding Faculty Award from the Electrical and
 Computer Engineering Department at Brigham Young University in 1998, and the



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