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

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

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Title: WIRELESS AND CELLULAR VOICE AND DATA TRANSMIS-

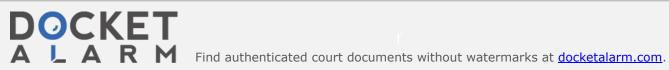
SION WITH MULTIPLE PATHS OF COMMUNICATION

## **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 Samsung Electronics Co., Ltd. ("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. 9,019,946 ("the '946 patent").
- 2. I have been asked to provide my independent analysis of the '946 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 '946 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 '946 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 Appendix A. 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.



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