

EXHIBIT 2027

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

BROADCOM CORPORATION
Petitioner

v.

WI-FI ONE, LLC
Patent Owner

Case IPR2013-00636
Patent 6,424,625

**REPLY DECLARATION BY ROBERT AKL, D.Sc.,
IN SUPPORT OF PATENT OWNER'S MOTION TO AMEND**

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IN SUPPORT OF PATENT OWNER'S MOTION TO AMEND**

I, Robert Akl, D.Sc., hereby declare, affirm, and state the following:

INTRODUCTION

1. The facts set forth below are known to me personally and I have firsthand knowledge of them. I am a U.S. citizen over eighteen years of age. I am fully competent to testify as to the matters addressed in this Declaration. I understand that this Declaration is being submitted along with Patent Owner's Reply to Petitioner's Opposition to Motion to Amend US Patent No. No. 6,424,625 ("the '625 Patent").

QUALIFICATIONS AND COMPENSATION

2. I have summarized in this section my educational background, work experience, and other relevant qualifications. A true and accurate copy of my curriculum vitae is attached hereto as Attachment A.

3. I earned my Bachelor of Science degrees in Electrical Engineering and Computer Science summa cum laude with a ranking of first in my undergraduate class from Washington University in Saint Louis in 1994. In 1996 I earned my Master of Science degree in Electrical Engineering from Washington University in Saint Louis. I earned my Doctorate of Science in Electrical Engineering from Washington University in Saint Louis in 2000, with my

dissertation on “Cell Design to Maximize Capacity in Cellular Code Division Multiple Access (CDMA) Networks.”

4. After obtaining my Doctorate of Science degree, I worked as a Senior Systems Engineer at Comspace Corporation from October of 2000 to December of 2001. In this position, I designed, and developed advanced data coding and modulation systems for improving the reliability and increasing the available data rates for cellular communications.

5. In January of 2002, I joined the faculty of the University of New Orleans in Louisiana as an Assistant Professor in the Department of Electrical Engineering. While on this faculty, I designed and taught two new courses called “Computer Systems Design I and II.” I also developed a Computer Engineering Curriculum with strong hardware-design emphasis, formed a wireless research group, and advised graduate and undergraduate students.

6. In September of 2002, I received an appointment as an Assistant Professor in the Department of Computer Science and Engineering at the University of North Texas, in Denton, Texas. In May of 2008, I became a tenured Associate Professor in the Department of Computer Science and Engineering. As a faculty member, I have taught courses and directed research in wireless communications, including 2G, 3G, 4G, CDMA/WCDMA, GSM, UMTS, LTE,

wireless sensors, Bluetooth, VoIP, multi-cell network optimization, call admission control, channel coding, ad-hoc networks, and computer architecture.

7. I have authored and co-authored approximately 65 journal publications, conference proceedings, technical articles, technical papers, book chapters, and technical presentations, in a broad array of communications-related technology, including networking and wireless communication. I have also developed and taught over 70 courses related to communications and computer system designs, including a number of courses on wireless communication, communications systems, computer systems design, and computer architecture. These courses have included introductory courses on communication systems and sensor networks, as well as more advanced courses on wireless communications. A complete list of my publications and the courses I have developed and/or taught is also contained in my curriculum vitae.

8. I am being compensated at the rate of \$550 per hour for my work in connection with this matter. My compensation is not dependent in any way on the contents of this Declaration, the substance of any further opinions or testimony that I may provide, or the ultimate outcome of this matter.

9. A complete list of cases in which I have testified at trial, hearing, or by deposition within the preceding four years is provided in my curriculum vitae,

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