

Paper No. \_\_\_\_\_

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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SIERRA WIRELESS AMERICA, INC., SIERRA WIRELESS, INC.,  
and RPX CORP.,  
Petitioner

v.

M2M SOLUTIONS LLC  
Patent Owner

Case IPR2015-01823  
Patent 8,648,717 B2

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**EXPERT DECLARATION OF JOEL R. WILLIAMS**

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Patent Trial and Appeal Board  
U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

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1. I, Joel R. Williams, resident at 1240 Mckendrie Street, San Jose, CA, hereby declare as follows:

2. I have been retained by Foley & Lardner LLP to provide my opinion concerning the validity of U.S. Pat. No. 8,648,717 (the “717 patent”) in these proceedings instituted by the Board on a Petition for *Inter Partes* Review, Case No. IPR2015-01823. I am being compensated for my time at the rate of \$450/hour in connection with preparing this Declaration. I have no stake in the outcome of these IPR proceedings, and my compensation does not depend in any way on the outcome of the Petition.

3. I make this Declaration based upon my personal knowledge. I am over the age of 21 and competent to make this Declaration.

#### **I. QUALIFICATIONS**

4. I am qualified by education and experience to testify as an expert in the field of telecommunications. A copy of my curriculum vitae, detailing my education, experience, and publications in the field of telecommunications is attached as Exhibit A. Additionally, I provide the following overview of my background as it pertains to my qualifications for providing expert testimony in this matter.

5. I completed my undergraduate studies at the Ohio State University, where I received a Bachelor of Science degree in Computer Science in 1978.

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