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SONY CORPORATION,  
Petitioner,

v.

RAYTHEON COMPANY,  
Patent Owner.

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Case IPR2016-00209  
Patent 5,591,678

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**DECLARATION OF JACOB ZWEIG IN SUPPORT OF  
MOTION FOR ADMISSION *PRO HAC VICE***

California. I am also admitted to practice before the following Courts:

- United States Court of Appeals for the Ninth Circuit
- Northern District of California
- Eastern District of Texas

3. I have been in private practice and litigating patent cases since October 2014, following a one-year clerkship in the U.S. Court of Appeals for the Eleventh Circuit.

4. I have never been suspended, disbarred, sanctioned, or cited for contempt by a court or administrative body.

5. I have never had a court or administrative body deny my application for admission to practice.

6. I have read and will comply with the Office Patent Trial Practice Guide and the Board's Rules for Practice for Trials, as set forth in Part 42 of the C.F.R.

I have reviewed the '678 patent that is subject to *Inter Partes* Review in this proceeding and the prior art references that are asserted by Petitioner to invalidate that patent. I have also assisted lead counsel Mr. Smith in the drafting of the IPR petition for this patent.

9. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

Dated: April 12, 2016

Respectfully submitted,

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was served on April 12, 2016 via electronic mail on the Patent Offices

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By: /s/ Matthew A. Smith  
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