

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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MICROSOFT CORPORATION,  
*Petitioner*

v.

BRADIUM TECHNOLOGIES LLC,  
*Patent Owner*

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Case IPR2016-00448  
U.S. Patent No. 7,908,343 B2  
Title: Optimized Image Delivery Over Limited Bandwidth Communication  
Channels

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**POWER OF ATTORNEY**

Pursuant to 37 C.F.R. § 42.10(b), I hereby appoint Practitioner(s) associated with Customer Number 26646, as my attorney(s) to prosecute the aforementioned proceeding, and to transact all business in the United States Patent and Trademark Office connected therewith, including the appointment of lead and backup counsel. Please recognize the correspondence address (including any electronic mail address) for the above identified *Inter Partes* Review proceeding number to be the address associated with the appointed lead and backup counsel.

The undersigned is authorized to sign this Power of Attorney on behalf of  
the Patent Owner.

Date: February 1, 2016



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Name: MICHAEL SPANGLER  
Title: GENERAL COUNSEL  
BRADIUM TECHNOLOGIES LLC

## CERTIFICATE OF SERVICE

Pursuant to 37 C.F.R. § 42.6(e), the undersigned certifies that on February 1, 2016, the foregoing *Power of Attorney* is being served via electronic mail upon the following counsel of record for Petitioner:

Bing Ai (Reg. No. 43,312)  
Matthew Bernstein (*pro hac vice*)  
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