

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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Apple, Inc.,  
Petitioner

v.

California Institute of Technology  
Patent Owner

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IPR2017-00701  
U.S. Patent No. 7,421,032

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**PETITIONER'S UPDATED MANDATORY NOTICE  
PURSUANT TO 37 C.F.R. § 42.8**

**A. Counsel**

Pursuant to 37 C.F.R. 42.8, Petitioner Apple, Inc., (“Apple”) hereby updates back-up counsel to add Arthur Shum (Registration No. 74,973).

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Electronic service on lead and back-up counsel is approved and preferred.

Respectfully Submitted,

/ Michael Smith/  
Michael H. Smith  
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## **CERTIFICATE OF SERVICE**

I hereby certify that on January 31, 2018, I caused a true and correct copy of the foregoing materials:

- Petitioner's Updated Mandatory Notices

to be served via electronic mail on the following correspondents of record as listed in Patent Owners' Mandatory Notices:

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