

**UNITED STATES PATENT AND TRADEMARK OFFICE**

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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GOOGLE INC.,  
Petitioner,

v.

BLACKBERRY LTD.,  
Patent Owner.

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Case No. IPR2017-01620  
U.S. Patent No. 8,489,868

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**PATENT OWNER'S PRELIMINARY RESPONSE**

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