

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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PAYPAL, INC.

Petitioner

v.

IOENGINE, LLC

Patent Owner

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Case No.: IPR2019-00884

Case No.: IPR2019-00885

Case No.: IPR2019-00886

Case No.: IPR2019-00887

U.S. Patent No. 8,539,047

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**DECLARATION OF DR. CLIFFORD NEUMAN**

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