

Filed on behalf of:

The Trustees of Columbia University in the City of New York

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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ILLUMINA, INC.,
Petitioner,

v.

THE TRUSTEES OF COLUMBIA UNIVERSITY
IN THE CITY OF NEW YORK
Patent Owner.

Case IPR2018-00322
Patent 9,708,358

POWER OF ATTORNEY
TO ROBERT S. SCHWARTZ

POWER OF ATTORNEY

Patent Owner, the Trustees of Columbia University in the City of New York ("Columbia"), hereby appoints Mr. Robert S. Schwartz as one of its attorneys in connection with IPR2018-00291; IPR2018-00318; IPR2018-00322; IPR2018-00385; and IPR2018-00797 and authorizes Mr. Schwartz to transact business in the United States Patent and Trademark Office connected with these proceedings.

Date:

7/13/18

By:

Jane E. Booth

Name:

JANE E. BOOTH

Title:

GENERAL COUNSEL

Case IPR2018-00322

Patent No. 9,708,358

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing **POWER OF ATTORNEY TO ROBERT S. SCHWARTZ** is being served on July 26, 2018, via email to Counsel for Petitioner, Kerry Taylor and Michael L. Fuller, at:

BoxIllumina@knobbe.com

Dated: July 26, 2018

By: /Brittany N. Internoscia/
Brittany N. Internoscia
Law Clerk
Cooper & Dunham LLP