On behalf of:

Illumina, Inc.

By: Kerry S. Taylor

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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

IPR2018-00322 U.S. Patent 9,708,358

PETITIONER ILLUMINA, INC.'S SUPPLEMENTAL POWER OF ATTORNEY FOR WILLIAM R. ZIMMERMAN

Petitioner Illumina, Inc. ("Illumina") hereby appoints William R. Zimmerman of Knobbe, Martens, Olson & Bear LLP to be an additional attorney designated to transact all business before the Patent Trial and Appeal Board of the United States Patent and Trademark Office connected to the *inter partes* reviews of U.S. Patent Nos. 9,718,852 in IPR2018-00291, 9,719,139 in IPR2018-00318, 9,708,358 in IPR2018-00322, 9,725,480 in IPR2018-00385, and 9,868,985 in IPR2018-00797.

A motion to admit Mr. Zimmerman pro hac vice is being submitted concurrently herewith.

Additional backup counsel:

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The individual signing below has the authority to execute this document on behalf of Illumina, Inc.

Name:

Roland Schwillinski

Signature:

Title:

Vice President, Global IP and Litigation

Company:

Illumina, Inc.

Telephone: 858-202-4500

Date:

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing **PETITIONER ILLUMINA, INC.'S SUPPLEMENTAL POWER OF ATTORNEY FOR WILLIAM R. ZIMMERMAN** is being served on May 2, 2018, via e-mail to counsel for the Trustees of Columbia University, at the email addresses below:

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Dated: May 2, 2018 By: /Kerry Taylor/

Kerry S. Taylor, Reg. No. 43,947 Michael L. Fuller, Reg. No. 36,516 Attorney for Petitioner ILLUMINA, INC.