IN THE UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

In re patent of: Chistyakov Petition for Inter Partes Review U.S. Patent No. 6,896,773 Attorney Docket No.: 34789.98 Issued: May 24, 2005 Customer No.: 27683 Title: High Deposition Rate Sputtering Real Party in Interest: Taiwan Semiconductor Manufacturing Company, Ltd. and TSMC North America Corp.

PETITIONER POWER OF ATTORNEY PURSUANT TO 37 CFR 42.10(b) FOR PETITION FOR INTER PARTES REVIEW

Petitioners Taiwan Semiconductor Manufacturing Company, Ltd. and TSMC North America Corp. hereby appoint the Practitioner(s) associated with Customer Number 27683, as its attorney(s) to prosecute and to transact all business in the Patent Trial & Appeal Board of the United States Patent and Trademark Office connected with Inter Partes Review of the aboveidentified patent.

Please direct all communication regarding this Petition to Customer Number 27683:

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The undersigned is authorized to sign this Power of Attorney on behalf of the Petitioners.

Taiwan Semiconductor Manufacturing TSMC North America Corp. Company, Ltd

By: Mind St. By: Will St.

Printed Name: Michael Shew

Title: IP Deputy Director Title: IP Deputy Director

Printed Name: Michael Shew

