IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Roman CHISTYAKOV

Inter Partes Review of U.S. Patent No. 7,811,421

Filed:

July 18, 2005

Issued:

October 12, 2010

Date: June 24 2014

Title:

HIGH DEPOSITION RATE SPUTTERING

Mail Stop PATENT BOARD Patent Trial and Appeal Board Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

POWER OF ATTORNEY

Dear Sir/Madam,

The undersigned hereby appoints the following attorneys and/or agents to prosecute the above captioned *Inter Partes* Review and transact all business in the U.S. Patent and Trademark Office connected herewith: Robinson Vu (Reg. No. 60,211).

For petitioners Toshiba America Electronic Components, Inc., Toshiba America Inc., Toshiba America Information Systems, Inc., and Toshiba Corporation.

Name: Hideo Kumagai

Title: General Manager, Intellectual Property Office,

Technology & Innovation Division,

Toshiba Corporation