

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of: Hulst et al. Attorney Docket No.: 39843-0005CP1
U.S. Patent No.: 8,033,458
Issue Date: October 11, 2011
Appl. Serial No.: 12/943,847
Filing Date: November 10, 2010
Title: DATA STORAGE AND ACCESS SYSTEMS

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PETITIONER'S POWER OF ATTORNEY IN A POST GRANT PROCEEDINGS BEFORE THE PATENT TRIAL AND APPEAL BOARD

Petitioner, Samsung Electronics America, Inc., hereby appoints the following practitioners as its attorneys to transact all business in the United States Patent & Trademark Office associated with any *inter partes* review, covered business method review, post grant review, or other review proceedings before the Patent Trial and Appeal Board of the above-captioned patent:

W. Karl Renner, Reg. No. 41,265
Thomas Rozylowicz, Reg. No. 50,620

and all practitioners associated with PTO Customer Number 26171.

I have the authority to execute this document on behalf of Samsung Electronics America, Inc.

Samsung Electronics America, Inc.

By: /Julie J. Han/

Name: Julie J. Han

Title: Director and Senior Counsel

Date: September 24, 2014

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PETITIONER'S POWER OF ATTORNEY IN A POST GRANT PROCEEDINGS BEFORE THE PATENT TRIAL AND APPEAL BOARD

Petitioner, Samsung Telecommunications America, LLC, hereby appoints the following practitioners as its attorneys to transact all business in the United States Patent & Trademark Office associated with any *inter partes* review, covered business method review, post grant review, or other review proceedings before the Patent Trial and Appeal Board of the above-captioned patent:

W. Karl Renner, Reg. No. 41,265
Thomas Rozylowicz, Reg. No. 50,620

and all practitioners associated with PTO Customer Number 26171.

I have the authority to execute this document on behalf of Samsung Telecommunications America, LLC.

Samsung Telecommunications America, LLC.

By: /Julie J. Han/
Name: Julie J. Han
Title: Director and Senior Counsel
Date: September 24, 2014