

**POWER OF ATTORNEY FOR PROCEEDINGS
BEFORE THE PATENT TRIAL AND APPEAL BOARD**

I hereby appoint:

The Practitioner(s) associated USPTO Customer No. 28120 as attorney(s) to prosecute proceedings before the Patent Trial and Appeal Board

Lead Counsel, J. Steven Baughman
USPTO Registration No. 47,414
Telephone Number: (202) 508 4606
Ropes & Gray LLP, Prudential Tower, 800 Boylston Street, Boston, MA 02199-3600


Please direct all electronic correspondence to:

Name and Address of Real Party in Interest:

Apple Inc.
1 Infinite Loop
Cupertino, CA 95014

SIGNATURE of Apple Inc.

The individual whose signature and title is supplied below is authorized to act on behalf of Apple Inc.

Signature		Date:	10/28/14
Name	Noreen Krall	Telephone Number:	408 862-5159
Title	Vice President, Chief Litigation Counsel		

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Hulst et al.	§	Attorney Docket No.:
United States Patent No.: 7,334,720	§	104677-5008-819
Formerly Application No.: 11/336,758	§	Customer No. 28120
Issue Date: February 26, 2008	§	
Filing Date: January 19, 2006	§	Petitioner: Apple Inc.
Former Group Art Unit: 2876	§	
Former Examiner: Steven S. Paik	§	

For: Data Storage and Access Systems

MAIL STOP PATENT BOARD
Patent Trial and Appeal Board
United States Patent and Trademark Office
Post Office Box 1450
Alexandria, Virginia 22313-1450

CERTIFICATE OF SERVICE

It is certified that a copy of the following document has been served in its entirety on the patent owner as provided in 37 CFR § 42.205:

1. Power of Attorney For Proceedings Before The Patent Trial and Appeal Board.

The copy has been served on November 24, 2014 by causing the aforementioned document to be deposited in the United States Postal Service as Express Mail postage pre-paid in an envelope addressed to:

Davidson Berquist Jackson & Gowdey LLP
4300 Wilson Blvd. 7th Floor
Arlington, VA 22203
(Label No. EF 070 057 775 US)

Respectfully submitted,

ROPES & GRAY LLP

By /s/ Megan Raymond
Megan F. Raymond