IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: 39521-0004IP

In re Patent of:

William D. Hays et al.

U.S. Patent No.:

5,659,891

Issue Date:

August 19, 1997

Appl. Serial No.:

08/480,718

Filing Date:

June 7, 1995

Title:

MULTICARRIER TECHNIQUES IN BANDLIMITED CHANNELS

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Patent Trial and Appeal Board U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

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

Petitioner, Apple 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

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and all practitioners associated with PTO Customer Number 26171,

I have the authority to execute this document on behalf of Apple Inc.

APPLE INC.

Title: Litigation Counsel

Date: 25 June 2014

