

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

In re U.S. Patent 7,116,710

Inventor: Jin, Hui, *et al*

Filed: May 18, 2001

Issued: October 3, 2006

Title: Serial Concatenation of Interleaved
Convolutional Codes Forming Turbo-Like
Codes

Case No.: IPR To be assigned

Attorney Docket No. 082944.0102

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Patent Trial and Appeal Board
U.S. Patent and Trademark Office
P.O. Box 1450
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PETITIONER'S POWER OF ATTORNEY

Petitioners Hughes Network Systems, LLC and Hughes Communications, Inc. ("Petitioners" or "Hughes") hereby appoints the following practitioners as its attorneys to transact all business in the United States Patent and Trademark Office associated with Hughes's Petition for *Inter Partes* Review of U.S. Patent No. 7,116,710:

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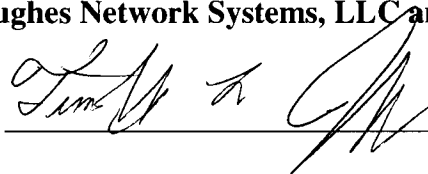
Hughes also grants a full power of attorney to practitioners associated with the Customer Number 020384 to transact all business in the United States Patent and Trademark Office associated with the above identified *Inter Partes* Review.

The individual signing below has the authority to execute this document on behalf of

Hughes.

Petitioners Hughes Network Systems, LLC and Hughes Communications, Inc.

Signature:



Date: October 14, 2104

Name: Timothy R. Jezek

Title: Senior IP Counsel