

In re Patent of: Yeong Hyeon Kwon, et al.
U.S. Patent No.: 8,218,481
Issue Date: July 10, 2012
Appl. Serial No.: 12/303,947
Filing Date: July 7, 2010
Title: Method of Transmitting Data in a Mobile Communication System

Mail Stop Patent Board
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

Roberto J. Devoto, Reg. No. 55,108

and all practitioners associated with PTO Customer Number 26171.

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

Apple Inc.

By: 
Name: Noreen Krall
Title: Assistant Secretary
Date: 20 April 2016

Mail Stop Patent Board
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, Microsoft Corporation, 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:

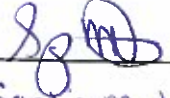
W. Karl Renner, Reg. No. 41, 265

Roberto J. Devoto, Reg. No. 55,108

and all practitioners associated with PTO Customer Number 26171.

I have the authority to execute this document on behalf of Microsoft Corporation.

Microsoft Corporation

By: 
Name: Sandeep Mishra
Title: Assistant Secretary
Date: 4-22-16

Mail Stop Patent Board
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, Microsoft Mobile Oy, 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:

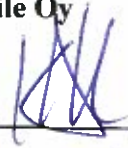
W. Karl Renner, Reg. No. 41, 265

Roberto J. Devoto, Reg. No. 55,108

and all practitioners associated with PTO Customer Number 26171.

I have the authority to execute this document on behalf of Microsoft Mobile Oy.

Microsoft Mobile Oy

By: 
Name: Keith Dolliver
Title: Assistant Secretary
Date: 04.22.16

Mail Stop Patent Board
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, Microsoft Mobile Inc. (f/k/a Nokia 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:

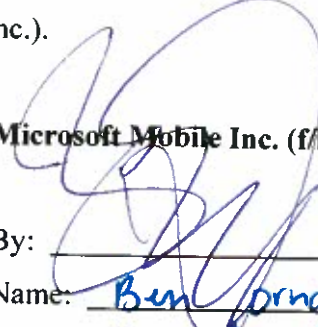
W. Karl Renner, Reg. No. 41, 265

Roberto J. Devoto, Reg. No. 55,108

and all practitioners associated with PTO Customer Number 26171.

I have the authority to execute this document on behalf of Microsoft Mobile Inc. (f/k/a Nokia Inc.).

Microsoft Mobile Inc. (f/k/a Nokia Inc.)

By: 
Name: Ben Drndorff
Title: Vice President
Date: 04-22-2014