UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD BMW OF NORTH AMERICA, LLC, Petitioner v. ADAPTIVE HEADLAMP TECHNOLOGIES, INC., Patent Owner Inter Partes Review No.: To Be Assigned

PETITIONER BMW OF NORTH AMERICA, LLC,'S POWER OF ATTORNEY

U.S. Patent No. 7,241,034 C1



PETITIONER POWER OF ATTORNEY

Petitioner BMW of North America, LLC hereby appoints the practitioners associated with Crowell & Moring LLP, Customer Number 23911, including the following lead and backup counsel:

Lead Counsel: Jeffrey D. Sanok (Reg. No. 32,169)

Back-up Counsel: Jonathan M. Lindsay (Reg. No. 45,810)

as its attorneys to transact all business in the United States Patent & Trademark

Office associated with the *inter partes* reviews of U.S. Patent No. 7,241,034 C1.

Please direct all communications regarding the above-identified *inter partes* reviews to Customer Number 23911. Please recognize the correspondence address (including any electronic mail address) for the above-identified *inter partes* reviews to include the following addresses associated with the appointed lead and back-up counsel:

Lead Counsel	Back-Up Counsel
Jeffrey D. Sanok (Reg. No. 32,169)	Jonathan Lindsay (Reg. No. 45,810)
CROWELL & MORING LLP	CROWELL & MORING LLP
Intellectual Property Group	Intellectual Property Group
1001 Pennsylvania Avenue, N.W.	1001 Pennsylvania Avenue, N.W.
Washington, DC 20004-2595	Washington, DC 20004-2595
Telephone No.: (202) 624-2995	Telephone No.: (949) 798-1325
Facsimile No.: (202) 628-8844	Facsimile No.: (949) 263-8414
jsanok@crowell.com	jlindsay@crowell.com



	Petitioner Power of Attorney
By: By:	MW of North America, LLC
Name:	Marianne Caulfield
Title:	Corporate Counsel
Date:	11/13/15