

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

VOLKSWAGEN GROUP OF AMERICA, INC.
Petitioner,

v.

JOAO CONTROL & MONITORING SYSTEMS, LLC
Patent Owner

Cases:

IPR2015-01610 (Pat. 6,542,076)
IPR2015-01611 (Pat. 6,549,130)
IPR2015-01612 (Pat. 7,397,363)
IPR2015-01613 (Pat. 5,917,405)

POWER OF ATTORNEY FOR PATENT OWNER

I hereby appoint the following lead and backup counsel to represent Patent Owner in the above captioned *Inter Partes* Reviews (IPRs) and transact all business in the U.S. Patent and Trademark Office connected therewith:

Lead Counsel

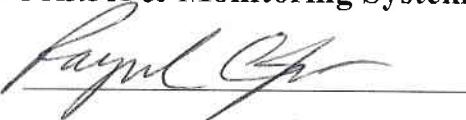
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The undersigned is authorized to sign this Power of Attorney on behalf of Patent Owner.

Joao Control & Monitoring Systems, LLC

By: 

Dated: 8/12/15

Printed Name: Raymond A. Joao

Title: President and CEO