UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

VOLKSWAGEN GROUP OF AMERICA, INC. Petitioner

v.

CARUCEL INVESTMENTS L.P. Patent Owner

> Case IPR2019-01102 Patent 7,848,701

PATENT OWNER'S UPDATED POWER OF ATTORNEY

Mail Stop "PATENT BOARD" Patent Trial and Appeal Board U.S. Patent & Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 Pursuant to 37 CFR § 42.10(b), Patent Owner Carucel Investments L.P. hereby appoints the following practitioners as its attorneys to transact all business in the United States Patent and Trademark Office associated with IPR2019-01101, IPR2019-01102, IPR2019-01103, and IPR2019-01105, connected herewith, including the appointment or substitution of associated counsel.

| Lead Counsel: | Charles D. Gavrilovich, Jr. |
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For Patent Owner, Carucel Investments, L.P. By: Muth Whang C Name: Charles D. Gavrilovich, Jr.

Date: <u>12/19/19</u> Title: <u>Partner</u>

Date: December 20, 2019

Respectfully submitted,

/s/ Charles D. Gavrilovich, Jr. Charles D. Gavrilovich, Jr. Reg. No. 41,031

CERTIFICATE OF SERVICE

The undersigned hereby certifies that the foregoing document has been served via electronic mail on December 20, 2019, to Petitioner at following email addresses pursuant to its consent in its Petition at p. 4:

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