UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

RENESAS ELECTRONICS CORPORATION and RENESAS ELECTRONICS AMERICA INC., Petitioner,

v.

LONE STAR SILICON INNOVATIONS, LLC, Patent Owner.

Case IPR2017-01868 Patent 6,326,231

PETITIONER'S POWERS OF ATTORNEY

POWER OF ATTORNEY PER 37 C.F.R. § 42.10(B)

I hereby appoint the following Practitioners:

Lead Counsel: Robert L. Hails, Reg. No. 39,702

Back-up Counsel: Theresa Weisenberger, Reg. No. 65,559

Back-up Counsel: Michael J. Riesen, Reg. No. 67,029

as my attorneys to prosecute the aforementioned proceeding, and to transact all business in the United States Patent and Trademark Office connected therewith, including the appointment of lead and backup counsel. Please designate the correspondence address (including any electronic mail address) for this *Inter Partes* Review proceeding to be the address associated with the above-identified attorneys.

Dated: September 20, 2017

By:

Idan

Yasushi Adachi Vice President, Intellectual Property Division RENESAS ELECTRONICS CORPORATION

POWER OF ATTORNEY PER 37 C.F.R. § 42.10(B)

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Dated: September 20, 2017

By:

Andrew Hughes General Counsel RENESAS ELECTRONICS AMERICA INC.

CERTIFICATE OF SERVICE

Pursuant to 37 C.F.R. §§ 42.6(e)(4), the undersigned hereby certifies that on

September 22, 2017, a copy of Petitioner's Powers of Attorney was served on

the following counsel of record for Patent Owner in the manner indicated:

Via Federal Express Overnight:

RENNER, OTTO, BOISELLE & SKLAR, LLP (AMDS) 1621 EUCLID AVE – 19TH FLOOR CLEVELAND OH 44115-2191

Respectfully submitted,

/Robert L. Hails/

Robert L. Hails

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