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Patent Owner, Semiconductor Energy Laboratory Co., Ltd., hereby appoints the following practitioners as its attorneys to transact all business in the United States Patent & Trademark Office associated with any of its *inter partes* review, covered business method review, post grant review, or other review proceedings before the Patent Trial and Appeal Board:

Eric Robinson, Reg. No. 38,285

and all practitioners associated with PTO Customer Number 31780.

I have the authority to execute this document on behalf of Semiconductor Energy Laboratory Co., Ltd.

SEMICONDUCTOR ENERGY LABORATORY CO., LTD

By: Shunpei Yamazaki  
Name: SHUNPEI YAMAZAKI  
Title: President  
Date: July 27, 2018