

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC  
d/b/a ON SEMICONDUCTOR,  
Petitioner

v.

POWER INTEGRATIONS, INC.,  
Patent Owner

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Case IPR2016-01600  
Patent No. 7,834,605

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**PATENT OWNER'S NOTICE OF APPEAL**

Pursuant to 35 U.S.C. §§ 142 and 37 C.F.R. § 90.2(a), Patent Owner Power Integrations, Inc. (“Patent Owner”), hereby appeals to the United States Court of Appeals for the Federal Circuit from the Patent Trial and Appeal Board’s (“Board”) Final Written Decision entered on February 14, 2018 (Paper 35), and from all other underlying orders, decisions, rulings and opinions that are adverse to Patent Owner, including, without limitation, those within the Decision on Institution of Inter Partes Review entered on February 17, 2017 (Paper 11).

In accordance with 37 C.F.R. § 90.2(a)(3)(ii), Patent Owner indicates that the issues on appeal include, but are not limited to (1) whether the Board erred in denying deny Patent Owner’s Motion to Amend with respect to substitute claims 13-16; (2) the Board’s claim constructions or failure to construe any terms; and (3) any findings or determinations supporting or related to the aforementioned issues as well as other issues decided adversely to Patent Owner in any order, decisions, rulings, or opinions.

Simultaneous with this submission, a copy of the Notice of Appeal is being filed electronically with the Patent Trial and Appeal Board. In addition, a copy of this Notice of Appeal, along with the required docketing fees, are being electronically filed with the Clerk’s Office for the United States Court of Appeals for the Federal Circuit.

Respectfully submitted,

Date: April 18, 2018

/Neil A. Warren/  
Neil Warren, Reg. No. 63,582  
Attorney for Patent Owner

**CERTIFICATE OF SERVICE**

Pursuant to 37 CFR §§ 42.6(e)(4) and 42.205(b), the undersigned certifies that on April 18, 2018, a complete and entire copy of this Patent Owner's Notice of Appeal was provided via email to Petitioner by serving the correspondence address of record as follows:

Roger Fulghum  
Brett Thompsen  
Nicholas A. Schuneman  
Baker Botts L.L.P.  
One Shell Plaza, 910 Louisiana Street  
Houston, TX 77002-4995

Email: [ONSemi\\_605IPR@bakerbotts.com](mailto:ONSemi_605IPR@bakerbotts.com)

I hereby certify that, in addition to being filed electronically through the Board's E2E System, the original version of the foregoing Notice of Appeal, was filed by hand on April 18, 2018, with the Director of the United States Patent and Trademark Office, at the following address:

Director of the United States Patent and Trademark Office  
c/o Office of the General Counsel  
Madison Building East, 1 OB20  
600 Dulany Street  
Alexandria, VA 22314-5793

I hereby certify that on April 18, 2018, a true and correct copy of the foregoing Notice of Appeal, along with a copy of the Final Written Decision, was filed electronically with the Clerk's Office of the United States Court of Appeals for the Federal Circuit, at the following address:

United States Court of Appeals for the Federal Circuit  
717 Madison Place, N.W., Suite 401  
Washington, DC 20005

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