

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

POWER INTEGRATIONS, INC.,
Petitioner

v.

SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC,
Patent Owner

IPR2018-00180
Patent 6,597,221

PATENT OWNER'S NOTICE OF APPEAL

Pursuant to 35 U.S.C. § 142 and 37 C.F.R. § 90.2(a), Patent Owner, Semiconductor Components Industries, LLC, 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 May 23, 2019 (Paper 33), 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 May 24, 2018 (Paper 6).

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) the Board's conclusion that the Petitioner proved by a preponderance of evidence that claims 4-7, 9, 15, and 16 of U.S. Patent No. 6,597,221 ("the '221 patent") were anticipated by U.S. Patent No. 5,747,977 to Hwang ("Hwang"), including the Board's claim constructions or failure to construe any terms in claims 4-7, 9, 15, and 16 of the '221 patent; (2) the Board's conclusion that the Petitioner proved by a preponderance of evidence that claims 9-14 and 18 of the '221 patent were obvious in view of the combination of Hwang and U.S. Patent No. 5,313,381 to Balakrishnan, including the Board's claim constructions or failure to construe any terms in claims 9-14 and 18 of the '221 patent; (3) the sufficiency of the Board's explanation and support for its findings, rulings, and conclusions; and (4) any findings or determinations supporting or related to the aforementioned issues or

underlying evidence, as well as other issues decided adversely to Patent Owner in any orders, 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: July 25, 2019

/s/ Roger Fulghum, Reg. No. 39,678

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CERTIFICATE OF SERVICE

Pursuant to 37 C.F.R. § 42.6(e)(4), the undersigned certifies that on July 25, 2019, a complete and entire copy of this **PATENT OWNER'S NOTICE OF APPEAL** was served on Petitioner via electronic mail at the following correspondence addresses:

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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 July 25, 2019, 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 July 25, 2019, a true and correct copy of the foregoing Notice of Appeal, along with a copy of the Institution Decision and 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
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