

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

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FUJITSU SEMICONDUCTOR LIMITED,  
FUJITSU SEMICONDUCTOR AMERICA, INC.,  
ADVANCED MICRO DEVICES, INC., RENESAS ELECTRONICS  
CORPORATION, RENESAS ELECTRONICS AMERICA, INC.,  
GLOBAL FOUNDRIES U.S., INC., GLOBALFOUNDRIES DRESDEN  
MODULE ONE LLC & CO. KG, GLOBALFOUNDRIES DRESDEN MODULE  
TWO LLC & CO. KG, TOSHIBA AMERICA ELECTRONIC COMPONENTS,  
INC., TOSHIBA AMERICA INC., TOSHIBA AMERICA INFORMATION  
SYSTEMS, INC., TOSHIBA CORPORATION, and  
THE GILLETTE COMPANY

Petitioners

v.

ZOND, LLC  
Patent Owner

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Case No. IPR2014-00827<sup>1</sup>

Patent 6,853,142 B2

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**PATENT OWNER'S NOTICE OF APPEAL**  
**35 U.S.C. § 142 & 37 C.F.R. § 90.2**

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<sup>1</sup> Cases IPR 2014-00865, IPR 2014-01015, and IPR 2014-01063 have been joined  
with the instant proceeding.

Pursuant to 37 C.F.R. § 90.2(a), Patent Owner, Zond, LLC, hereby provides notice of its appeal to the United States Court of Appeals for the Federal Circuit for review of the Final Written Decision of the United States Patent and Trademark Office (“USPTO”) Patent Trial and Appeals Board (“PTAB”) in *Inter Partes* Review 2014-00827, concerning U.S. Patent 6,853,142 (“the ’142 patent”), entered on September 25, 2015, attached hereto as Appendix A.

#### **ISSUES TO BE ADDRESSED ON APPEAL**

- A. Whether the PTAB erred in finding claims 22, 23, 25, 29, 30, 33-36, 39, and 43 unpatentable as being obvious under 35 U.S.C. § 103 in view of U.S. Pat. 6,413,382 to Wang (“Wang”) and A. A. Kudryavtsev and V.N. Skrebov, *Ionization Relaxation in a Plasma Produced by a Pulsed Inert-Gas Discharge*, 28(1) SOV. PHYS. TECH. PHYS. 30–35 (Jan. 1983) (“Kudryavetsev”)?

Simultaneous with submission of this Notice of Appeal to the Director of the United States Patent and Trademark Office, this Notice of Appeal is being filed with the Patent Trial and Appeal Board. In addition, this Notice of Appeal, along with the required docketing fees, is being filed with the United States Court of Appeals for the Federal Circuit.

Dated: November 23, 2015

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Respectfully submitted,

/Tarek N. Fahmi/

Tarek N. Fahmi, Reg. No. 41,402

## APPENDIX A

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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FUJITSU SEMICONDUCTOR LIMITED, FUJITSU SEMICONDUCTOR AMERICA, INC., ADVANCED MICRO DEVICES, INC., RENESAS ELECTRONICS CORPORATION, RENESAS ELECTRONICS AMERICA, INC., GLOBALFOUNDRIES U.S., INC., GLOBALFOUNDRIES DRESDEN MODULE ONE LLC & CO. KG, GLOBALFOUNDRIES DRESDEN MODULE TWO LLC & CO. KG, TOSHIBA AMERICA ELECTRONIC COMPONENTS, INC., TOSHIBA AMERICA INC., TOSHIBA AMERICA INFORMATION SYSTEMS, INC., TOSHIBA CORPORATION, and THE GILLETTE COMPANY  
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Patent 6,853,142 B2

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Before KEVIN F. TURNER, DEBRA K. STEPHENS, JONI Y. CHANG, SUSAN L.C. MITCHELL, and JENNIFER MEYER CHAGNON,  
*Administrative Patent Judges.*

TURNER, *Administrative Patent Judge.*

FINAL WRITTEN DECISION  
*Inter Partes* Review  
35 U.S.C. § 318(a) and 37 C.F.R. § 42.73

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<sup>1</sup> Cases IPR2014-00865, IPR2014-01015, and IPR2014-01063 have been joined with the instant *inter partes* review.

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