

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

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

Case No. IPR2014-00821¹

Patent 6,853,142 B2

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

¹ Cases IPR 2014-00863, IPR 2014-01013, and IPR 2014-01057 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 2014-00821, 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 13 and 14 unpatentable as being obvious under 35 U.S.C. § 103 in view of U.S. Pat. 6,413,382 to Wang (“Wang”) and U.S. Pat. 6,190,512 to Lantsman (“Lantsman”)
- B. Whether the PTAB erred in finding claims 2 and 11 unpatentable as being obvious under 35 U.S.C. § 103 in view of Wang, Lantsman, 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”)?
- C. Whether the PTAB erred in finding claim 16 unpatentable as being obvious under 35 U.S.C. § 103 in view of Wang, Lantsman, and D.V. Mozgrin, *High-Current Low-Pressure Quasi-Stationary Discharge in a Magnetic Field: Experimental Research*, Thesis at Moscow Engineering

Physics Institute (1994) (“Mozgrin Thesis”)?

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.

Respectfully submitted,

/Tarek N. Fahmi/

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

Dated: November 23, 2015

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APPENDIX A

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

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
Petitioner,

v.

ZOND, LLC,
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Case IPR2014-00821¹
Patent 6,853,142 B2

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

Opinion for the Board filed by *Administrative Patent Judge Turner.*

Opinion Dissenting-in-Part filed by *Administrative Patent Judge Stephens.*

TURNER, *Administrative Patent Judge.*

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

¹ Cases IPR2014-00863, IPR2014-01013, and IPR2014-01057 have been joined with the instant *inter partes* review.

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