

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

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THE GILLETTE COMPANY, FUJITSU SEMICONDUCTOR LIMITED, and  
FUJITSU SEMICONDUCTOR AMERICA, INC.

Petitioners

v.

ZOND, LLC  
Patent Owner

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Case No. IPR2014-00580<sup>1</sup>

Patent 6,896,773 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> Case IPR 2014-01479 has 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 2014-00580, concerning U.S. Patent 6,896,773 (“the ’773 patent”), entered on October 1, 2015, attached hereto as Appendix A.

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

- A. Whether the PTAB erred in finding claims 1, 6, and 8-20 unpatentable as being obvious under 35 U.S.C. § 103(a) in view of D.V. Mozgrin, et al., *High-Current Low-Pressure Quasi-Stationary Discharge in a Magnetic Field: Experimental Research*, 21 PLASMA PHYSICS REPORTS 400–409 (1995) (“Mozgrin”), and *Interaction of Low-Temperature Plasma With Condensed Matter, Gas, and Electromagnetic Field* in (III) ENCYCLOPEDIA OF LOW-TEMPERATURE PLASMA (V.E. Fortov ed., 2000) (“Fortov”)?
- B. Whether the PTAB erred in finding claim 5 unpatentable as being obvious under 35 U.S.C. § 103(a) in view of Mozgrin, Fortov and U.S. Pat. 5,398,929 to Kawamata (“Kawamata”)?
- C. Whether the PTAB erred in finding claims 3, 4, and 34-39 unpatentable

- as being obvious under 35 U.S.C. § 103(a) in view of Mozgrin, Fortov and U.S. Pat. 6,190,512 to Lanstman (“Lantsman”)?
- D. Whether the PTAB erred in finding claim 7 unpatentable as being obvious under 35 U.S.C. § 103(a) in view of Mozgrin, Fortov, 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 (1983) (“Kudryavtsev”)?
- E. Whether the PTAB erred in finding claim 2 unpatentable as being obvious under 35 U.S.C. § 103(a) in view of Mozgrin, Fortov, 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”), and Yuri P. Raizer, *GAS DISCHARGE PHYSICS*, 1–35, Springer 1997 (“Raizer”)?

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

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## APPENDIX A

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