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### UNITED STATES PATENT AND TRADEMARK OFFICE

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### BEFORE THE PATENT TRIAL AND APPEAL BOARD

# INTEL CORPORATION Petitioner

V.

ZOND INC. Patent Owner

Case No. IPR2014-00820

PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 6,805,779 CHALLENGING CLAIMS 16, 28, 41, 42, 45 AND 46 UNDER 35 U.S.C. § 312 AND 37 C.F.R. § 42.104



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	C.	"means for generating a volume of metastable atoms from the volume of ground state atoms" (claims 41 and 42)		



	D.	"means for raising an energy of the metastable atoms so that at least a portion of the volume of metastable atoms is ionized" (claims 41 and 42)18		
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### I. MANDATORY NOTICES

### A. Real Party-in-Interest

Intel Corporation ("Petitioner") is the real party-in-interest.

### **B.** Related Matters

Zond has asserted U.S. Patent No. 6,805,779 ("779 Patent") (Ex. 1301) against numerous parties in the District of Massachusetts, 1:13-cv-11570-RGS (Zond v. Intel); 1:13-cv-11577-DPW (Zond v. AMD, Inc., et al); 1:13-cv-11581-DJC (Zond v. Toshiba Am. Elec. Comp. Inc.); 1:13-cv-11591-RGS (Zond v. SK Hynix, Inc.); 1:13-cv-11625-NMG (Zond v. Renesas Elec. Corp.) ; 1:13-cv-11634-WGY (Zond v. Fujitsu, et al.); and 1:13-cv-11567-DJC (Zond v. Gillette, Co.). Petitioner has filed Petition Nos. IPR2014-00598, IPR2014-00686, and IPR2014-00765 for other claims of the 779 Patent; and is also filing additional Petitions for Inter Partes review in this and several patents with the same named inventor as the '779 Patent.

### C. Counsel

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### **D.** Service Information

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