UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE PATENT TRIAL AND APPEAL BOARD
THE GILLETTE COMPANY

Petitioner

v.

ZOND, LLC Patent Owner

Case IPR2014-01025 Patent 6,805,779

ZOND LLC'S PATENT OWNER PRELIMINARY RESPONSE PURSUANT TO 37 C.F.R. § 42.107(a)



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В.		The Petition failed to demonstrate how the alleged combinations teach every element of the challenged claims
	1.	The combination of Mozgrin, Kudryavtsev, Pinsley, Wells and/or Gruber does not teach "an excited atom source that receives ground state atoms from the feed gas source" as recited in independent claim 1, as similarly recited in independent claim 18, and as required by challenged dependent claims 7, 9, 20, and 21.
	2.	The combination of Mozgrin, Kudryavtsev, Pinsley, Wells and/or Gruber does not teach "the excited atom source comprising a magnet that generates a magnetic field for substantially trapping electrons proximate to the ground state atoms" as recited in independent claim 1, as similarly recited in independent claims 18 and 30, and as required by challenged dependent claims 7, 9, 20, 21, and 38
	3.	The combination of Mozgrin, Kudryavtsev, Pinsley, Wells and/or Gruber does not teach "a plasma chamber that is coupled to the excited atom source, the plasma chamber confining a volume of excited atoms generated by the excited atom source" as recited in independent claim 1, as similarly recited in independent claims 18 and 44, and as required by challenged dependent claims 7, 9, 20, and 21
	4.	The combination of Mozgrin, Kudryavtsev, Pinsley, Wells and/or Gruber does not teach "an energy source that is coupled to the volume of excited atoms confined by the plasma chamber" as recited in independent claim 1, as similarly recited in independent claims 18 and 44, and as required by challenged dependent claims 7, 9, 20, and 21
	5.	The combination of Iwamura, Angelbeck, Gruber and/or Wells Does Not Teach a "plasma generator that generates a plasma with a multi-step ionization process," As Recited In Independent Claim 1, As Similarly Recited In Claims 18, 30, and 44, And As Required By Challenged Dependent Claims 7, 9, 20, 21, and 38
	6.	The combination of Iwamura, Angelbeck, Gruber, and/or Wells Does Not Teach "the excited atom source comprising a magnet that generates a magnetic field for substantially trapping electrons proximate to the ground state atoms," As Recited In Independent Claim 1, As Similarly Recited In



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I. INTRODUCTION

The Petitioner has represented in a motion for joinder that this petition "is identical to the Intel IPR2014-00913" in all substantive respects, includes identical exhibits, and relies upon the same expert declarant." Accordingly, based upon that representation, the Patent Owner opposes review on the same basis presented in opposition to Intel's request no. IPR2014-00913, which is repeated below:

The Board should deny the present request for *inter partes* review of U.S. Patent No. 6,805,779 ("the '779 patent") because there is not a reasonable likelihood that the Petitioner will prevail at trial with respect to at least one claim of the '779 patent.¹

Indeed, there are five different and independent groups of reasons why the Petitioner cannot prevail. First, the reference that is primarily relied upon by the Petitioner (*i.e.*, Mozgrin) was already considered by the Examiner and overcome during the prosecution of the application that led to the issuance of the '779 patent. Indeed, Mozgrin was considered by 6 different examiners and



¹ 35 U.S.C. § 314(a).

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