UNITED STATES PATENT AND TRADEMARK OFFICE

### **BEFORE THE PATENT TRIAL AND APPEAL BOARD**

THE GILLETTE COMPANY, 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., and TOSHIBA CORPORATION

Petitioners,

v.

Zond, LLC. Patent Owner of U.S. Patent No. 7,808,184 Trial No. IPR2014-00803<sup>1</sup>

### PETITIONER'S DEMONSTRATIVE EXHIBITS FOR ORAL ARGUMENT

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<sup>&</sup>lt;sup>1</sup> Cases IPR2014-00858, IPR2014-00996 and IPR2014-01061 have been joined with the instant proceeding.

# UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

'155 Patent:

The Gillette Company

v. Zond, LLC

IPR2014-477 and IPR2014-479

## '184 Patent:

The Gillette Company, Fujitsu Semiconductor Limited, and Fujitsu Semiconductor America, In Micro Devices, Inc., Renesas Electronics Corporation, Renesas Electronics America, Inc., Glob U.S., Inc., Globalfoundries Dresden Module One LLC & Co. KG, Globalfoundries Dresden LLC & Co. KG, Toshiba America Electronic Components, Inc., Toshiba America Ind Toshiba America Information Systems, Inc., and Toshiba Corporation

v. Zond, LLC.

IPR2014-799<sup>1</sup> and IPR2014-803<sup>2</sup>

 $^1$  Cases IPR2014-855, IPR2014-995, and IPR2014-1042 are joined with the 799  $^2$  Cases IPR2014-858, IPR2014-996, and IPR2014-1061 are joined with the 803

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# **Overview**

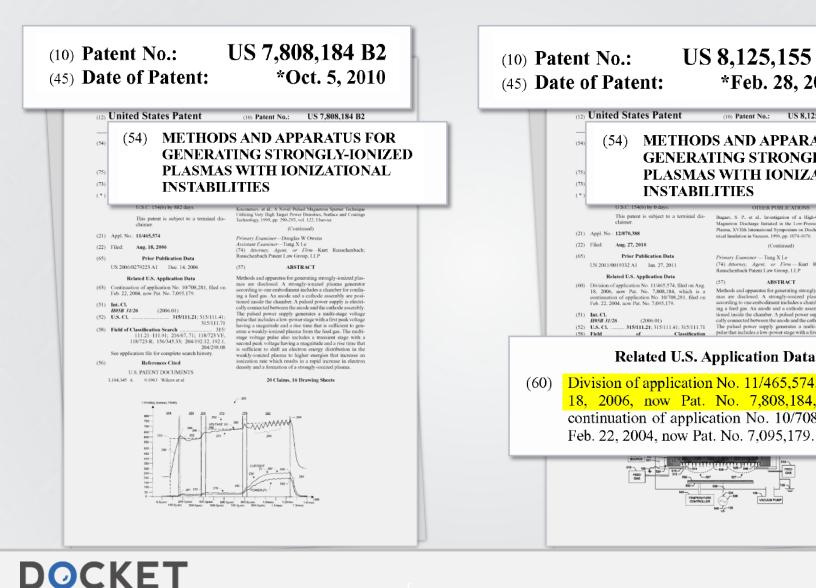
- Overview of '184 and '155 Patents
- Grounds Instituted
- Overview of Prior Art
- Summary of Disputes with Respect to Independent Claims
  - Claim Constructions

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- Response to Patent Owner's Arguments
- Summary of Disputes and Responses Related to Dependent

# The '184 and '155 Patents

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# The '184 and '155 Patents

**Anode** (124)

Cathode Assembly (116)

**Pulsed Power Supply** (102)

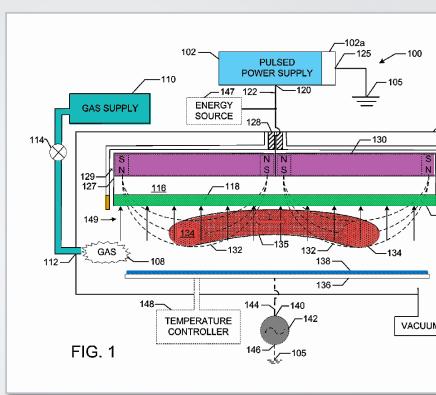
Magnets (130)

**Plasma** (134)

Feed Gas Source (110)

Substrate (138)

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<sup>&#</sup>x27;155 Patent, Fig. 1;

**Bias Power Supply** (142)

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