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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ASML Netherlands B.V., ASML U.S., Inc., Excelitas Technologies Corp., and
Qioptiq Photonics GmbH & Co. KG,
Petitioners

v.

Energetiq Technology, Inc.,
Patent Owner.

Case IPR2016-00775

**PETITION FOR *INTER PARTES* REVIEW OF
U.S. PATENT NO. 9,048,000
CLAIMS 16, 17**

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I. MANDATORY NOTICES

A. Real Parties-in-Interest

ASML Netherlands B.V., ASML U.S., Inc., Excelitas Technologies Corp., and Qioptiq Photonics GmbH & Co. KG (“Petitioners”) are the real parties-in-interest.

B. Related Matters

U.S. Patent No. 9,048,000 (the “’000 patent,” Ex. 1301) is one member of a patent family of continuation and continuation-in-part (CIP) applications. Exhibit 1302 shows the members of this patent family and the relationships among them. Petitioners already filed a petition seeking *inter partes* review of claims 1, 15, and 18 of the ’000 patent, which the Board instituted on November 30, 2015 on all challenged claims. (See Case No. IPR2015-01375 (PTAB Nov. 30, 2015) (Paper 13).) Petitioners also filed a petition seeking *inter partes* review of claims 7-10 of the ’000 patent, which is currently pending. (See Case No. IPR2016-00126 (PTAB Nov. 4, 2015) (Paper 4).) Petitioners are also seeking *inter partes* review of related U.S. Patent Nos. 7,435,982 (“the ’982 patent”); 7,786,455 (“the ’455 patent”); 8,309,943 (“the ’943 patent”); 8,525,138 (“the ’138 patent”); and 8,969,841 (“the ’841 patent”) in Case Nos. IPR2015-01300, IPR2015-01303, IPR2015-01377, IPR2016-00583, IPR2016-00584, IPR2016-00585, IPR2015-01279, IPR2016-00570, IPR2016-00575, IPR2016-00576, IPR2016-00578, IPR2016-00579,

IPR2015-01277, IPR2016-00554, IPR2016-00556, IPR2016-00555, IPR2015-01368, IPR2016-00565, IPR2016-00566, IPR2015-01362, and IPR2016-00127.

The status of the other proceedings is summarized in Exhibit 1326.

Petitioners are also filing additional petitions on the '841 and '000 patents, as well as on related U.S. Patent No. 9,185,786 (“the '786 patent”). Petitioners request that all these *inter partes* reviews be assigned to the same Panel for administrative efficiency.

The following litigation matters would affect or be affected by a decision in this proceeding: *Energetiq Tech., Inc. v. ASML Netherlands B.V.*, No. 1:15-cv-10240-LTS (D. Mass.) and *In the Matter of Certain Laser-Driven Light Sources, Subsystems Containing Laser-Driven Light Sources, and Products Containing Same*, Inv. 337-TA-983 (U.S. International Trade Commission).

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