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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

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

v.

Energetiq Technology, Inc.,
Patent Owner.

Case IPR2016-00776

**PETITION FOR *INTER PARTES* REVIEW OF
U.S. PATENT NO. 9,185,786
CLAIMS 15, 20, 21, AND 25**

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I. MANDATORY NOTICES

A. Real Parties-in-Interest

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

B. Related Matters

U.S. Patent No. 9,185,786 (“the ’786 patent,” Ex. 1101) is one member of a patent family of continuation and continuation-in-part applications. Exhibit 1102 shows the members of this patent family and the relationships among them.

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”); 8,969,841 (“the ’841 patent”) and 9,048,000 (“the ’000 patent”) in Case Nos. IPR2015-01300, IPR2015-01303, IPR2015-01377, IPR2016-00583, IPR2016-00584, IPR2016-00585, IPR2015-01279, IPR2016-00570, IPR2016-00575, IPR2015-00576, IPR2016-00578, IPR2016-00579, IPR2015-01277, IPR2016-00554, IPR2016-00556, IPR2016-00555, IPR2015-01368, IPR2016-00565, IPR2016-00566, IPR2015-01362, IPR2016-00127, IPR2015-01375, and IPR2016-00126. The status of the other proceedings is summarized in Ex. 1112.

Petitioners are also filing additional petitions on the ’841, ’000, and ’786

patents. 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).

C. Counsel

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II. CERTIFICATION OF GROUNDS FOR STANDING

Petitioners certify pursuant to Rule 42.104(a) that the patent for which review is sought is available for *inter partes* review and that Petitioners are not barred or estopped from requesting an *inter partes* review challenging the patent claims on the grounds identified in this Petition.

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