

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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NIKON CORPORATION,  
Petitioner,

v.

ASML NETHERLANDS B.V.  
CARL ZEISS AG,  
Patent Owner.

Patent No. 6,731,335

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*Inter Partes* Review No. IPR2018-00687

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**PETITION FOR *INTER PARTES* REVIEW**

**UNDER 35 U.S.C. §§ 311-319 AND 37 C.F.R. § 42.100 *ET SEQ.***

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**Appendix of Exhibits for Inter Partes Review of U.S. Patent No. 6,731,335**

<b>Exhibit Description</b>	<b>Ex. #</b>
U.S. Patent No. 6,731,335 to Kim et al [referenced as “ <b>335 Patent</b> ” or, simply, “ <b>335</b> ”]	1001
Declaration of Dr. Stuart Kleinfelder [referenced as “ <b>Kleinfelder</b> ”]	1002
<i>Curriculum Vitae</i> of Dr. Stuart Kleinfelder	1003
File History of U.S. Application No. 09/305/756 (“the ‘756 application,” which issued as the ‘335 Patent) [referenced as “ <b>335 File History</b> ”]	1004
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European Patent Application Publication No. EP0757476 to Takahashi	1006*
U.S. Patent No. 6,115,066 to Gowda et al.	1007*
European Patent Application Publication No. EP 0707417A2 to Dickinson	1008*
U.S. Patent No. 7,113,213 to Matsunaga et al.	1009*
File History of U.S. Application No. 09/022,339 (parent application of Matsunaga)	1010

*\*Prior art relied upon as grounds for unpatentability in this Petition.*

Petitioner Nikon Corporation respectfully petitions for *inter partes* review of Claims 1-12 of U.S. Patent No. 6,731,335 (“the ’335 Patent” (Ex. 1001)) in accordance with 35 U.S.C. §§ 311-319 and 37 C.F.R. § 42.100 *et seq.*

## I. NOTICES AND STATEMENTS

Pursuant to 37 C.F.R. § 42.8(b)(1), Petitioner Nikon Corporation as well as Sendai Nikon Corporation, Nikon Inc., and Nikon Americas Inc. are the real parties-in-interest.

Pursuant to 37 C.F.R. § 42.8(b)(2), Petitioner identifies the following related case in which the ’335 Patent is currently being asserted:

- *Carl Zeiss AG and ASML Netherlands B.V. v. Nikon Corporation, Sendai Nikon Corporation, and Nikon Inc.*, Case No. Case No. 2:17-cv-03221 RGK (MRWx), filed September 26, 2017.

Petitioner is a named Defendant in the above-identified pending case.

Pursuant to 37 C.F.R. § 42.8(b)(3), Petitioner identifies the following counsel (and a Power of Attorney accompanies this Petition):

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