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Please record the attached document. Total number of pages including cover sheet, attachments, and document: 2			
A. Name of conveying parties: [1] Kouji MURAMAT [2] Hisashi NISHINAC B. Additional names of conveying parties:	GA	NIKO) 2-3, M CHIYO	d address of receiving parties: N CORPORATION ARUNOUCHI 3-CHOME ODA-KU, TOKYO N 100-8331
3. A. Nature of conveyance: Assignment Security Agreement Other B. Execution Date: [1] Octol	☐ Merger ☐ Change of Name ber 1, 2008	B. Addition	al names & addresses attached? □Yes ☑ No
4. A. Patent Application No. 12/243,393 B. Patent No. Additional numbers attached? ☐ Yes ☒ No			
C. Title of Application: ILLUMINATING OPTICAL APPARATUS, EXPOSURE APPARATUS AND DEVICE MANUFACTURING METHOD			
Name and address of party to who concerning document should be m	om correspondence nailed:	6. Total number	of applications and patents involved: 1
Name: Mario A. Costantir	10	7. Please ch total fee (targe Deposit Account No. 15-0461 the 37 CFR 3.41) in the amount of \$40.00.
Address: OLIFF & BERRING P.O. Box 3208 Alexandria, V.A. Phone Number: 703 Fax Number: 703-8	50 2520-4850 836-6400	denosit accor	erpayment or charge any underpayment to number 15-0461.
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Date: December 10, 2008			
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PATENT REEL: 021968 FRAME: 0415

Name:

RECORDED: 12/10/2008

For Non-U.S. Clients

ASSIGNMENT

Whereas, I/we, <u>Address</u> <u>Name</u> do NIKON CORPORATION; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 Japan 1) Kouji MURAMATSU do NIKON CORPORATION -3, Marunouchi 3-chorne 2) Hisashi NISHINAGA Chiyoda-ku, Tokyo 100-8331 Japan hereinafter called assignor(s), have invented certain improvements in ILLUMINATING OPTICAL APPARATUS, EXPOSURE APPARATUS AND DEVICE MANUFACTURING METHOD and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below: , Serial No. <u>12/243393</u> October 1, 2008 filed on Whereas NIKON CORPORATION 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 Japan (assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor; NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment; AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign at lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and relssue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns. DATE SIGNED INVENTORS 1): Name: 2):

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)

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Hisashi NISHINAGA

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