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Attorney's Ref. 4641-53212/DLS DLS:dm 4641-53212 12/29/99 U.S. DEPARTMENT OF COMMERCE RECORDATION FORM COVER SHEET **FORM PTO-1595** Patent and Trademark office 1-31-92 PATENTS ONLY To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of Conveying Party(ies): KAZUAKI SUZUKI Additional name(s) of conveying party(ies) attached?

YES

NO Nikon Corporation Name: Internal Address: 3. Nature of Conveyance: 177 Assignment Assignment Merger Security Agreement Change of Name Street Address: Fuji Building, Other Marunduchi 3-Chivoda-ku, Tonyo 200 JAPAN Execution Date: December 24, 1999 ãö Additional name(s) & address(es) attached?
Yes
No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 09/419,829 Additional numbers attached?

Yes

No 6. Total number of applications and patents 5. Name and address of party to whom correspondence concerning document should be involved: one mailed: Name: Donald L. Stephens Jr. 7. Total fee (37 CFR 3.41): \$40.00 Enclosed Klarquist Sparkman Campbell Leigh & Whinston, LLP Internal Address: One World Trade Center, Suite 1600 8. Any deficiency/overpayment is authorized to Street Address: be charged to deposit account 02-4550 121 S.W. Salmon Street City Portland State Oregon ZIP 97204-2988 DO NOT USE THIS SPACE 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. December 29, 1999 Donald L. Stephens Jr. Date Name of Person Signing Total number of pages including cover sheet, attachments and document: 3 OMB No. 0651-0011 (exp. 4/94) 00000059 09419829 02/07/2000 TTON11 40.00 OF 01 FC:581

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PATENT REEL: 010522 FRAME: 0330 DLS:dm 11/24/99 4641-53212 PATENT

ASSIGNMENT

WHEREAS, I, KAZUAKI SUZUKI, of Suginami-ku, Tokyo, Japan, have invented a certain invention entitled CHARGED-PARTICLE-BEAM PROJECTION-EXPOSURE APPARATUS AND METHODS EXHIBITING IMPROVED ALIGNMENT AND REGISTRATION OF PROJECTED PATTERN PORTIONS for which application for Letters Patent was filed in the United States Patent and Trademark Office on October 14, 1999, and was assigned application Serial No. 09/419,829; and

WHEREAS, NIKON CORPORATION, a Japanese corporation, having a place of business at Fuji Building, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100, Japan, is desirous of acquiring an interest therein:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, KAZUAKI SUZUKI, hereby sell, assign and transfer to NIKON CORPORATION, the full and exclusive right, title and interest in and to said invention, patent application and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by NIKON CORPORATION, for its own use and benefit, and for its successors and assigns to the full end of the term for which

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letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by me had this assignment and sale not been made, and covenant that I have full right so to do, and agree that I will communicate to NIKON CORPORATION, or its successors and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid NIKON CORPORATION, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

Executed at Tokyo, Japan, this 24th day of December,

(City)

FAZUAKI SUZUKI

1999.

RECORDED: 01/04/2000

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