Docket No.: XA-9335 12-13-2000 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Patent and Trademark Office Copyright 1996-97 LegalStar P08A/REV02 Tab settings → → → To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(jes Q \ P E 2. Name and address of receiving party(ies): Yutaka SUENAGA Tomohiro MIYASHITA Name: Nikon Corporation NOV 3 0 2000 Kotaro YAMAGUCHI Address: 2-3, Marunouchi 3-chome Chiyoda-ku Yes X No Additional names(s) of conveying party(ies) Nature of conveyance: ☐ Merger ☐ Security Agreement City: Tokyo ____State/Prov.: ☐ Change of Name Country: JAPAN ☐ Other Execution Date: October 13, 2000 Additional name(s) & address(es) ☐ Yes X No. 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Filing date B. Patent No.(s) 09/615,081 July 12, 2000 12/01/2000 SDENBOB1 00000069 09615081 02 FC:581 40.00 OP ☐ Yes ☒ No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Mitchell W. Shapiro 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. 31,568 ☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: Vorys, Sater, Seymour and Pease LLP ☐ Authorized to be charged to deposit account 1828 L Street, N.W. **Eleventh Floor** 8. Deposit account number: _____ State/Prov.: DC City: Washington 22-0585 ZIP: 20036 Country: USA DO NOT USE THIS SPACE

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.

Total number of pages including cover sheet, attachments, and

Mitchell W. Shapiro

Name of Person Signing

November 30, 2000

Date

ASSIGNMENT OF ENTIRE INTEREST IN AN INVENTION

WHEREAS, I/we, the undersigned, have invented certain novel and useful improvements in CATADIOPTRIC OPTICAL SYSTEM AND EXPOSURE APPARATUS EQUIPPED WITH THE SAME

for which I am/we are about to make/have made application for Letters Patent of the United States of America, identified as

Serial No. 09/615,081

filed on July 12, 2000

; and

WHEREAS,

NIKON CORPORATION,

a corporation duly organized under the laws of Japan, and having its principal office at

2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, Japan

and duly represented by, Shoichiro YOSHIDA, its President

(hereinafter referred to as ASSIGNEE) is desirous of acquiring the entire right, title and interest, for the territory of the United States of America, in and to said invention, application, and Letters Patent to be obtained therefor;

NOW THEREFORE, in consideration of the payment of lawful money and other good and valuable consideration, the receipt of which is hereby acknowledged, I/we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto ASSIGNEE and its successors and assigns, the entire and exclusive right, title and interest, for the territory of the United States of America, in and to said invention, as described in the specification executed by me/us on

October 13, 2000 , entitled as above preparatory to obtaining Letters Patent of the United States of America therefor, and to said application, Letters Patent to be obtained for said invention, and any and all reissues, divisions, extensions or continuations of said application for Letters Patent which may be applied for or granted for said invention; and I/we hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest, for the sole use of ASSIGNEE and its successors and assigns.

Executed at Tokyo, Japan

this 13th day of October, 2000.

In the presence

By: / yutaka suenaga

Yutaka SUENAGA

By: Tomohiro Mizashita

Tomohiro MIYASHITA

PATENT REEL: 011318 FRAME: 0082

By: Kotaro Jamagueki

Kotaro YAMAGUCHI

PATENT
RECORDED: 11/30/2000 REEL: 011318 FRAME: 0083