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PATENTS ONLY

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

## 1. Name of Conveying Party(ies):

(a) Hiroshi Nishimura, (b) Naoto Kihara,  
(c) Kinya Kato, (d) Toru Takagi, (e) Akihiro Goto,  
(f) Junji Ikeda, and (g) Kazuya OkamotoAdditional name(s) of conveying party(ies) attached? ☐ YES ☒ NO

## 2. Name and address of receiving party(ies):

Name: Nikon Corporation

Internal Address:

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: (a) 6/3/99, (b) 6/2/99, (c), (d),  
& (e) 6/1/99, (f) 6/9/99, (g) 6/8/99Street Address: Fuji Building, 2-3  
Marunouchi 3-chome  
Chiyoda-ku, Tokyo 100 JAPANAdditional 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:

A. Patent Application No.(s)

09/302,075

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom  
correspondence concerning document should be  
mailed:

Name: Donald L. Stephens Jr.  
Klarquist Sparkman Campbell Leigh & Whinston, LLP  
Internal Address:  
One World Trade Center, Suite 1600  
Street Address:  
121 S.W. Salmon Street  
City Portland State Oregon ZIP 97204-2988

6. Total number of applications and patents  
involved: one

7. Total fee (37 CFR 3.41): \$40.00 Enclosed

8. ☒ Any deficiency/overpayment is authorized to  
be charged to deposit account 02-4550

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## 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.

Donald L. Stephens Jr.

July 6, 1999

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: 4

OMB No. 0651-0011 (exp. 4/94)

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PATENT  
REEL: 010083 FRAME: 0331

## A S S I G N M E N T

WHEREAS, we, HIROSHI NISHIMURA, of Zushi-shi, Kanagawa-ken, Japan, NAOTO KIHARA, of Yokohama-shi, Kanagawa-ken, Japan, KINYA KATO, of Yokohama-shi, Kanagawa-ken, Japan, TORU TAKAGI, of Kawasaki-shi, Kanagawa-ken, Japan, AKIHIRO GOTO, of Setagaya-ku, Tokyo, Japan, JUNJI IKEDA, of Yokohama-shi, Kanagawa-ken, Japan, and KAZUYA OKAMOTO, of Yokohama-shi, Kanagawa-ken, Japan, have invented a certain invention, entitled CHARGED-PARTICLE-BEAM MAPPING PROJECTION-OPTICAL SYSTEMS AND METHODS FOR ADJUSTING SAME, for which application for Letters Patent was filed in the United States Patent and Trademark Office on April 28, 1999, and was assigned application Serial No. 09/302,075; 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, we, HIROSHI NISHIMURA, NAOTO KIHARA, KINYA KATO, TORU TAKAGI, AKIHIRO GOTO, JUNJI IKEDA, and KAZUYA OKAMOTO, 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 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 we have full right so to do, and agree that we will communicate to NIKON CORPORATION, or its successors and assigns, any facts known to us 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 the place and date opposite our respective signatures below.

At Shinagawa-ku, Japan, on  
(City)  
this 3 day of June, 1999.

Hiroschi Nishimura  
HIROSHI NISHIMURA

At Shinagawa-ku, Japan, on  
(City)  
this 2 day of June, 1999.

Naoto Kihara  
NAOTO KIHARA

At Shinagawa  
(City), Japan, on  
this 1 day of June, 1999.

Kinya Kato  
KINYA KATO

At Shinagawa  
(City), Japan, on  
this 1 day of June, 1999.

Toru Takagi  
TORU TAKAGI

At Shinagawa  
(City), Japan, on  
this 1 day of June, 1999.

Akihiro Goto  
AKIHIRO GOTO

At Shinagawa  
(City), Japan, on  
this 9 day of June, 1999.

Junji Ikeda  
JUNJI IKEDA

At Shinagawa  
(City), Japan, on  
this 8 day of June, 1999.

Kazuya Okamoto  
KAZUYA OKAMOTO