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## 1. Name of conveying party(ies):

William Albert Enichen

Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No

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

Name: NIKON CORPORATION

Street Address: FUJI BUILDING, 2-3

MARUNOUCHI 3-CHOME, CHIYODA-KU

City: TOKYO 140, Country: JAPAN

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3. Nature of conveyance: ☒ Assignment

Execution Date: December 7, 1999

## 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: 12/ 7/99

## A. Patent Application No.(s)

Docket No. NC99-056

## B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Graham S. Jones, II

Street Address: 42 Barnard Avenue

City: Poughkeepsie

State: New York

ZIP: 12601-5023

## 6. Total number of applications and patents involved: ONE [1]

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

[X] Enclosed with Application Fee

[ ] Authorized to be charged to deposit account

## 8. Deposit account number

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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.

GRAHAM S. JONES, II, Reg. No 20429

Name of Person Signing

Signature

12/7/99

Date

Total number of pages including cover sheet, check, transmittal &amp; document: 5

Mail documents to be recorded with required cover sheet information to:  
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Signature

12/ 7/99

Date

Telephone (914) 473-9118

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PATENT

REEL: 010467 FRAME: 0460

U.S. PTO  
09/455681  
12/07/990000038 09455681  
01/06/2000 DMGUYEN40.00  
01 FC:581

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

WHEREAS, I,

Inventor WILLIAM A. ENICHEN City of POUGHKEEPSIE  
and City County of DUTCHESS and State of NEW YORK

(hereinafter called assignor)

have invented certain new and useful improvements in

Title MAGNIFICATION AND ROTATION CALIBRATION PATTERNS  
FOR PARTICLE BEAM PROJECTION SYSTEMS

Date That and have executed, respectively, a United States patent  
Inventor application therefor on

Signed the December 7, 1999, and

WHEREAS, NIKON CORPORATION, having a place of business at Tokyo, Japan, (hereinafter called NIKON), is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent which may be obtained therefor,

NOW THEREFORE, for good and valuable consideration to us paid by the said NIKON, receipt of which is hereby acknowledged, I, the above named assignor, hereby sell, assign and transfer to the above named NIKON, its successors and assigns the entire right, title and interest in and to the application, the invention disclosed therein and the Letters Patent, both foreign and domestic, that may or shall issue, including all of my rights under any and all international conventions, treaties and/or agreements concerning patents to which the United states of America is a party; and I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned NIKON in accordance herewith.

I further authorize the said NIKON its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of any international convention, treaty and/or agreement.

I do hereby covenant and agree with the said NIKON, its successors and assigns that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I or my executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said NIKON, its successors and assigns, execute such additional writings and do such additional acts as said NIKON, its successors and assigns, may deem necessary or desirable to perfect the said NIKON's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, continuing, divisional, reissue or extended Letters Patent of the United States, and any and all foreign countries on said invention, and in enforcing any rights, occurring as a result of said applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

SIGNED AND SEALED

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Signed at  
 City EAST FISHKILL, NY William Albert Enichen signature  
 on December 7, 1999 (WILLIAM ALBERT ENICHEN ) inventor  
 First Name Middle Initial Last Name