

07-14-1999

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

1. Name of Conveying party(ies): Hans C. Pfeiffer, Joseph J. Senesi, Maris Andris Sturans

3. Nature of Conveyance: Assignment

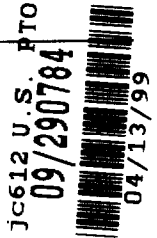
2. Name & address of receiving party(ies)

Name: International Business Machines Corporation

Execution Date: 4/5/99, 3/25/99, 3/25/99

Street Address: New Orchard Road

City: Armonk State: New York ZIP: 10504



4-13-99

4. Application number(s) or patent number(s):

Title of Application: PARTICLE BEAM SYSTEM WITH DYNAMIC FOCUSING

If this document is being filed together with a new application, the execution date of the application is: 4/5/99, 3/25/99, 3/25/99

A. Patent Application No(s).
Docket No. FI9-99-054

B. Patent No(s)

09/290784

Additional numbers attached? ☐ Yes ☒ No

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

Name: Eric W. Petraske

Street Address:

International Business Machines Corp.
Intellectual Property Law Dept.
1580 Route 52
Dept. 18G / Bldg. 300-482
Hopewell Junction, New York 12533

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00 ☒

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit A/C no.: 09-0458 (FI-174) ☒

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9. Statement of 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.

Eric W. Petraske, Registration No. 28,459
Name of Person Signing
Telephone No. (914) 894-3402

Eric W. Petraske
Signature

4/13/99
Date

Total number of pages including cover sheet, attachments, and document: 2

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231. THE APPLICANT AND/OR ATTORNEY REQUEST THE DATE OF DEPOSIT AS THE FILING DATE.

Express Mail Certificate No: EE468937706US

Date of Deposit: April 13, 1999

Name of Person Making Deposit: RobinAnn Zeno

Signature: *RobinAnn Zeno* 4/13/99

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PATENT
REEL: 9945 FRAME: 0178

ASSIGNMENT

WHEREAS, we

(1) Hans C. Pfeiffer County of Fairfield and	of Ridgefield State of Connecticut
(2) Joseph J. Senesi County of Dutchess and	of Poughquag State of New York
(3) Maris Andris Sturans County of Dutchess and	of Wappingers Falls State of New York

have invented certain improvements in

PARTICLE BEAM SYSTEM WITH DYNAMIC FOCUSING

and executed a United States patent application therefor on:
(dates that Inventors signed the declaration)

(1) 4-5-99, 1999, and (2) 3/25, 1999, and (3) 3/25, 1999.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire, right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

(1) at East Fishkill, NY
on 4-5-99, 1999, Hans C. Pfeiffer
Hans C. Pfeiffer

and

(2) at East Fishkill, NY
on 3/25, 1999, Joseph J. Senesi
Joseph J. Senesi

and

(3) at East Fishkill, NY
on 3/25, 1999, Maris Andris Sturans
Maris Andris Sturans