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HEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office



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To the Honorable Commissioner of Pa

100988841

ched original documents or copy thereof.

MAID 3-9-99

1. Name of conveying party(ies):

Kaneo KAGEYAMA

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

2. Name and address of receiving party(ies)

Name: HITACHI, LTD.

Internal Address:

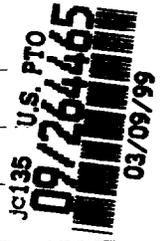
Street Address: 6, Kanda Surugadai

4-chome, Chiyoda-ku, Tokyo 101-8010

Japan

City: State: ZIP:

Additional name(s) & address(es) attached? Yes No



3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: February 9, 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: 2/9/99

A. Patent Application No.(s)

09264465

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Edward W. Greason

Internal Address:

Street Address: Kenyon & Kenyon

One Broadway

City: New York, State: NY ZIP: 10004

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 11-0600

8. Deposit account number:

11-0600

(Attach duplicate copy of this page if paying by deposit account)

03/18/1999 JSHABAZZ 00000177 110600 09264465

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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.

Edward W. Greason

Name of Person Signing

Edward W. Greason

Signature

March 9, 1999

Date

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

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments

PATENT REEL: 9819 FRAME: 0123

ASSIGNMENT

WHEREAS, WE, Kaneo Kageyama, citizens of

Japan, residing at 185-89, Koya, Hitachinaka-shi, Ibaraki 312-0002
Japan

respectively, have invented new and useful improvements in
CHARGED PARTICLE BEAM IRRADIATION APPARATUS AND IRRADIATION METHOD USING THE,
APPARATUS
for which we are about to make application for Letters Patent
of the United States, said application having been executed by us
on even date herewith; and

WHEREAS, Hitachi, Ltd.,

a Company of Japan, having its place of business at _____
6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010, Japan,

(hereinafter referred to as the Assignee), is desirous of acquir-
ing the entire right, title and interest in and to the application
and the invention therein described and claimed and any Letters
Patent that may be issued upon the application or for the
improvements therein contained.

NOW, THEREFORE, for and in consideration of the
equivalent sum of One Dollar (\$1.00) to us in hand paid, the
receipt and sufficiency whereof is hereby acknowledged, we
have sold, assigned and transferred, and do hereby sell, assign
and transfer unto the Assignee, its successors and assigns, the
entire right, title and interest in and to the application and
the invention therein contained, including the right to apply
for any Letters Patent in the United States of America on the
invention, any any Letters Patent that may issue thereon or
therefor, in the United States, and all reissues, extensions,

renewals, divisions and continuations thereof, to the full end of the term or terms for which the Letters Patent may be issued, the same to be held and enjoyed by the Assignee, its successors and assigns, the same as it would have been held and enjoyed by us if this Assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents to issue all such Letters Patent to the Assignee, its successors and assigns, in accordance with this instrument of Assignment.

We hereby represent and warrant that there are no rights and interests outstanding inconsistent with the rights and interests granted herein and that we will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and we bind ourselves, our heirs, executors, administrators and legal representatives, as the case may be, to execute and deliver to the Assignee, its successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by the Assignee, its successors and assigns, to vest in the Assignee, its successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States.

And we further covenant and agree, in consideration of the premises that we, our executors and administrators, will at any time upon request communicate to the Assignee, its successors and assigns, any facts relating to the invention and improvements and the history thereof, known to us or our executors and administrators, and that we will testify as to the same in any

interference or other litigation when requested so to do by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 9th day of February, 1999.

Kaneo Kageyama

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 19 .

WITNESSED BY:

Mari Yamagata

Name

32-12, Kuji-cho 6-chome, Hitachi-shi,

Ibaraki 319-1222, Japan

Address

WITNESSED BY:

Name

Address
