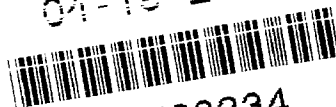


04-19-2004

102723334  
... IS ONLY

Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

4-13-04 RECOI

U.S. DEPARTMENT OF COMMERCE  
U.S. 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):

Hisataka Fujimaki (03/25/2004), Koji Matsuda  
(03/25/2004), Masaki Yanagisawa (03/25/2004), and  
Hiroshi Akiyama (03/25/2004)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: March 25, 2004

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

10822767

If this document is being filed together with a new application, the execution date of the new application is: March 25, 2004

## A. Patent Application No.(s):

This application

## B. Patent No.(s): \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:Name: Mark J. Thronson  
DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP

Internal Address: Atty. Dkt.: K2020.0010/P010

Street Address:  
2101 L Street NWCity:  
Washington

State: DC Zip: 20037-1526

6. Total number of applications and  
patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account☒ Authorized to be charged to credit card  
(Form 2038 enclosed)

## 8. Deposit account number:

04-1073

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

DO NOT USE THIS SPACE

## 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.*

Stephen A. Soffen (31,063)

Name of Person Signing

Signature

April 13, 2004

Date

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

04/14/2004 HLE333 00000026 10822767

05 FC:8021

40.00 DP

**ASSIGNMENT**  
( 譲 渡 証 )

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi, Ltd.,  
a corporation organized under the laws of Japan,  
located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan,  
receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd.,  
its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

PARTICLE BEAM IRRADIATION EQUIPMENT AND PARTICLE BEAM IRRADIATION METHOD

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,  
to be held and enjoyed by said Hitachi, Ltd.,  
its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) <u>Hisataka Fujimahi</u> Hisataka FUJIMAKI	<u>3/25/2004</u>
2) <u>Koji Matsuda</u> Koji MATSUDA	<u>3/25/2004</u>
3) <u>Masaki Yanagisawa</u> Masaki YANAGISAWA	<u>3/25/2004</u>
4) <u>Hiroshi Akiyama</u> <del>Masaki Yanagisawa m.g. 3/25/2004</del> Hiroshi AKIYAMA	<u>3/25/2004</u> <sup>3/25/2004</sup> <del>3/25/2004 m.g. 3/25/2004</del>
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____