



05-31-2002



102107240

Form PTO-1595
(Rev. 03/01)

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

**RECORDATION FORM COVER SHEET
PATENTS ONLY**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): 5-24-02

Mitsugu Sato (Feb 22, 2002), Tadashi Otaka (Mar 3, 2002), Makoto Ezumi (Mar 6, 2002), Atsushi Takane (Mar 7, 2002), Shoji Yoshida (Mar 8, 2002), Satoru Yamaguchi (Mar 6, 2002), and

Additional name(s) of conveying party(ies) attached?

☒ Yes ☐ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: March 8, 2002

2. Name and address of receiving party(ies)

Name: Hitachi, Ltd.

Internal Address: _____

Street Address: _____

6, Kanda Surugadai 4-chome
Chiyoda-kuCity: TokyoState: Japan

Zip: _____

Additional 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 new application is: _____

A. Patent Application No.(s):

10/082,288

B. Patent No.(s): _____

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mark J. ThronsonDICKSTEIN SHAPIRO MORIN & OSHINSKY LLPInternal Address: Atty. Dkt.: H6808.0005/P005Street Address: 2101 L Street NW

City: _____

Washington

State: _____

DC

Zip: _____

20037-15266. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00☒ Enclosed☒ Authorized to be charged to deposit account

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.*Mark J. Thronson (Reg.No. 33,082)

Name of Person Signing

Signature

May 24, 2002

Date

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

05/28/2002 SDENBOB1 00000028 10082288

02 FC:581

40.00 OP

1453074 v1; V57601!.DOC

**PATENT
REEL: 012930 FRAME: 0146**

**RECORDATION FORM COVER SHEET
(continued)****Additional Conveying Party(ies) (1. Continued):**

Yasuhiko Ozawa (Mar 6, 2002)

Additional Assignees (2. Continued):

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

Additional Applications and/or Patents (4. Continued):Additional Patent Application Numbers
4A. Continued:Additional Patent Numbers
4B. Continued:

Additional numbers attached?

☐

Yes

☐

No

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

CHARGED PARTICLE BEAM ALIGNMENT METHOD AND CHARGED PARTICLE BEAM APPARATUS

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 signatures:

INVENTOR(S)

(発明者フルネームサイン)

Date Signed

(署名日)

1)	<u>Mitsugu Sato</u>	<u>2/22/2002</u>
2)	<u>Tadashi Otake</u>	<u>3/03/2002</u>
3)	<u>Makoto Gumi</u>	<u>3/06/2002</u>
4)	<u>Atsushi Takane</u>	<u>3/07/2002</u>
5)	<u>Shoji Yoshida</u>	<u>3/08/2002</u>
6)	<u>Satoru Yamaguchi</u>	<u>3/06/2002</u>
7)	<u>Yasuhiko Gawa</u>	<u>3/06/2002</u>
8)	<u></u>	<u></u>
9)	<u></u>	<u></u>
10)	<u></u>	<u></u>