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U.S. Department of Commerce Patents & Trademark Office

Attorney Docket No. 107443-00038

Date: August 11, 2005

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| To the Director of the U.S. Patent and Trademark Office: Please re | cord the attached documents or the new address(es) below. | |
| Name of conveying party(ies)/Execution Date(s): | 2. Name and address of receiving party(ies): | |
| Mitsuaki KABASAWA; and Mitsukuni TSUKIHARA | Name: SUMITOMO EATON NOVA CORPORATION | |
| Execution Date(s): August 10, 2005 | Address: 10-1, Youga 4-chome, Setagaya-ku, Tokyo, Japan | |
| Additional name(s) of conveying party(ies) attached? | | |
| 3. Nature of conveyance: | | |
| □ Assignment | | |
| ☐ Executive Order 9424, Confirmatory License ☐ Other | Additional name(s) & address(es) attached? ☐ Yes ☐ No | |
| 4. Application number(s) or patent number(s): | ent is being filed together with a new application. | |
| A. Patent Application No.(s) New Application | B. Patent No.(s) | |
| Additional numbers attached | d? ☐ Yes No | |
| Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: One | |
| Name: Arent Fox PLLC | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 | |
| Street Address: 1050 Connecticut Avenue, N.W., Suite 400 Washington, D.C. 20036-5339 | ☑ Included in attached check. ☐ Authorized to be charged by credit card. ☐ Authorized to be charged to Deposit Account. ☑ Any additional fees are authorized to be charged to deposit account. 8. Payment Information a. Credit Card Last 4 Numbers: | |
| Tel. No.: 202-857-6000 Fax No.: 202-638-4810 | | |
| Email Address: dcipdocket@arentfox.com | | |
| 15/2005 KBETEMA1 00000026 11202111 | Expiration Date: | |
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| Statement and signature. To the best of my knowledge and belief, the foregoing information is true and | correct and any attached popy is a true copy of the original document. | |
| George E. Oram, Jr. | August 12, 2005 | |
| Reg. No. 27.931 | pages including cover sheet, attachments, and document: 2 | |

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert ASSIGNEE's Name(s) Address(es)]

[Title of Invention]

[*If the assignment is being filed after the filing of the

application, this section must be

completed]

SUMITOMO EATON NOVA CORPORATION
10-1, Youga 4-chome, Setagaya-ku, Tokyo, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest, including the right to sue for past infringement, if any, and all rights pursuant to 35 U.S.C. §154, to the invention entitled

IRRADIATION SYSTEM WITH ION BEAM AND METHOD TO ENHANCE ACCURACY OF IRRADIATION

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on , Serial No.

(Arent Fox PLLC is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with said application and any continuing, divisional, reissue or reexamination applications thereof, and any other application claiming priority thereto, and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signaturo(s) of Assignor(s)]

RECORDED: 08/12/2005

| ntsaaki Hebasawa | MITSUAKI KABASAWA | Aug. 10, 2005 |
|--------------------------------|---------------------|---------------|
| (SIGNATURE) | (TYPE NAME) | (DATE) |
| Mulsukuh Tsukihara (SIGNATURE) | MITSUKUNI TSUKIHARA | Aug. 10, 2005 |
| (SIGNATURE) | (TYPE NAME) | (DATE) |

PATENT REEL: 016892 FRAME: 0801