

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Alfred Smith	10/12/2007
Wayne Newhauser	10/15/2007
Kazuo Hiramoto	03/05/2007
Hiroshi Akiyama	06/14/2007
Masaki Yanagisawa	06/18/2007

RECEIVING PARTY DATA

Name:	Hitachi, Ltd.
Street Address:	6-6, Marunouchi 1-chome
Internal Address:	Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN

Name:	Board of Regents, University of Texas System
Street Address:	201 West 7th Street
City:	Austin
State/Country:	TEXAS
Postal Code:	78701

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	11758755
Application Number:	11714219

CORRESPONDENCE DATA

Fax Number: (212)277-6501

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PATENT

REEL: 020862 FRAME: 0562

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OP \$80.00 11758755

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ATTORNEY DOCKET NUMBER:	K2020.0020A/K2020.0020B
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NAME OF SUBMITTER:	Ian R. Blum
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Total Attachments: 4
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FILE NOS K2020 0020, A & B

WHEREAS, Board of Regents, University of Texas System, 201 West 7th Street, Austin, Texas, 78701, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor

Date: 10/12/07

Alfred R Smith
Alfred SMITH

STATE OF)
) ss :
COUNTY OF)

 EIKA G. THOMAS
Notary Public, State of Texas
My Commission Expires
August 27, 2011

Date: _____

Wayne NEWHAUSER

STATE OF)
) ss.:
COUNTY OF)

This ____ day of _____, 20____, before me personally came the above-named Alfred SMITH, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him of his own free will for the purposes therein set forth.

Notary Public - Seal

DOCSNY-265698v01

FILE NOS. K2020 0020, A & B

WHEREAS, Board of Regents, University of Texas System, 201 West 7th Street, Austin, Texas, 78701, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

Date: _____


STATE OF)
) ss:
COUNTY OF)

Notary Public .. Seal

Date: 15 October 2007

Wayne NEWHAUSER

STATE OF *Texas*)
) ss.:
COUNTY OF *Harris*)

 **CATHY PHILLIPS**
Notary Public, State of Texas
My Commission Expires
July 22, 2010

Notary Public - Seal

DOCSNY-265698v01

PATENT
REEL: 020862 FRAME: 0565

ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Kazuo HIRAMOTO, Hiroshi AKIYAMA, Masaki YANAGISAWA and Hisataka FUJIMAKI, citizens of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged, we, the said Kazuo HIRAMOTO, Hiroshi AKIYAMA, Masaki YANAGISAWA and Hisataka FUJIMAKI do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all our right, title and interest, in and for the United States of America, in and to application Serial No. 11/039,960, filed January 24, 2005, and entitled:

AN ION BEAM DELIVERY EQUIPMENT AND AN ION BEAM DELIVERY METHOD

invented by us and described in the application for United States Letters Patent therefor noted above, 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 us if this assignment and sale had not been made;

And we 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 assignees;

And we 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: <u>Kazuo Hiramoto</u> Kazuo HIRAMOTO	Date Signed: <u>3/5/2007</u>
WITNESS: <u>Akira Kobana</u>	Date Signed: <u>3/5/2007</u>
WITNESS: <u>Takashi Yamaguchi</u>	Date Signed: <u>3/5/2007</u>
INVENTOR: <u>Hiroshi Akiyama</u> Hiroshi AKIYAMA	Date Signed: <u>6/14/2007</u>
WITNESS: <u>Akira Kobana</u>	Date Signed: <u>6/14/2007</u>
WITNESS: <u>Hisataka Kita</u>	Date Signed: <u>6/14/2007</u>
INVENTOR: <u>Masaki Yanagisawa</u> Masaki YANAGISAWA	Date Signed: <u>6/18/2007</u>
WITNESS: <u>Akira Kobana</u>	Date Signed: <u>6/18/2007</u>
WITNESS: <u>Hiroshi Kita</u>	Date Signed: <u>6/18/2007</u>

INVENTOR: Hisataka Fujimaki
Hisataka FUJIMAKI

Date Signed: 8/5/2007

WITNESS: Akira Kobana

Date Signed: 8/5/2007

WITNESS: Niroshi Hita

Date Signed: 8/5/2007