

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Akira Noda | 11/08/2009 |
| Toshiyuki Shirai | 12/02/2009 |
| Masahiro Ikegami | 11/23/2009 |
| Shu Nakamura | 11/30/2009 |
| Hiroyuki Daido | 12/10/2009 |
| Kouji Noda | 12/17/2009 |

RECEIVING PARTY DATA

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|-----------------|----------------------------------|
| Name: | KYOTO UNIVERSITY |
| Street Address: | 36-1, Yoshida-honmachi, Sakyo-ku |
| City: | Kyoto-shi, Kyoto |
| State/Country: | JAPAN |
| Postal Code: | 606-8501 |

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| Name: | NATIONAL INSTITUTE OF RADIOLOGICAL SCIENCES |
| Street Address: | 9-1, Anagawa 4-chome, Inage-ku |
| City: | Chiba-shi, Chiba |
| State/Country: | JAPAN |
| Postal Code: | 263-8555 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12600540 |

CORRESPONDENCE DATA

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PATENT
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| ATTORNEY DOCKET NUMBER: | W2867US |
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| NAME OF SUBMITTER: | Gerald E. Hespos |
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| Total Attachments: 3 source=w2867asn#page1.tif source=w2867asn#page2.tif source=w2867asn#page3.tif |
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ASSIGNMENT

For value received, We,

Akira NODA, Toshiyuki SHIRAI, Masahiro IKEGAMI, Shu NAKAMURA, residing at c/o Institute for Chemical Research, Kyoto University, Gokasho, Uji-shi, Kyoto 611-0011 Japan,

Hiroyuki DAIDO, residing at c/o Kansai Photon Science Institute, Japan Atomic Energy Agency, 1, Umemidai 8-chome, Kizukawa-shi, Kyoto 619-0215 Japan, and

Kouji NODA, residing at National Institute of Radiological Sciences, 9-1, Anagawa 4-chome, Inage-ku, Chiba-shi, Chiba 263-8555 Japan,

hereby sell, assign, and transfer to **KYOTO UNIVERSITY**, having a place of business at 36-1, Yoshida-honmachi, Sakyo-ku, Kyoto-shi, Kyoto 606-8501 Japan, and

NATIONAL INSTITUTE OF RADIOLOGICAL SCIENCES, having a place of business at 9-1, Anagawa 4-chome, Inage-ku, Chiba-shi, Chiba 263-8555 Japan,

and its successors, assigns, and legal representatives, the entire right, title, and interest for all countries including the United States of America, in and to certain inventions relating to

ION BEAM CONTROL APPARATUS AND METHOD

described in an application for Letters Patent of the United States,

[] having an oath or declaration by me/us executed on even date herewith;

[XX] bearing Serial No. 12/600,540 and filed on November 17, 2009, and all patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all patents on said improvements or resulting therefrom to said Company as assignee of the entire interest, and covenant that I/We have full right so to do, and agree that I/We will communicate to said Company or its representatives any facts known to me/us respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in the United States.

The Assignor(s) hereby authorizes and requests the attorneys of CASELLA & HESPOS LLP, New York, NY, to insert in the spaces provided above the filing date, serial number, and attorney docket number of said application if not previously inserted.

Signature Akira Noda
Akira NODA

Date 8, November, 2009

Signature Toshiyuki Shirai
Toshiyuki SHIRAI

Date 2, December, 2009

Signature Masahiro Ikegami
Masahiro IKEGAMI

Date 23, November, 2009

Signature Shu Nakamura
Shu NAKAMURA

Date 30, November, 2009

Signature Hiroyuki Daido
Hiroyuki DAIDO

Date 10, December, 2009

Signature Kouji Noda
Kouji NODA

Date 17 Dec. 2009