

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shunichi WATANABE</td> <td>01/23/2013</td> </tr> <tr> <td>Takashi ONISHI</td> <td>01/23/2013</td> </tr> <tr> <td>Minoru KANEDA</td> <td>01/23/2013</td> </tr> <tr> <td>Hisaya MURAKOSHI</td> <td>01/23/2013</td> </tr> </tbody> </table>		Name	Execution Date	Shunichi WATANABE	01/23/2013	Takashi ONISHI	01/23/2013	Minoru KANEDA	01/23/2013	Hisaya MURAKOSHI	01/23/2013
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CORRESPONDENCE DATA											
<p>Fax Number: 7036841157  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7036841120        Email: jmartinez@mmiplaw.com        Correspondent Name: Mattingly &amp; Malur, PC        Address Line 1: 1800 Diagonal Road        Address Line 2: Suite 370        Address Line 4: Alexandria, VIRGINIA 22314</p>											
ATTORNEY DOCKET NUMBER:	H-8669										
NAME OF SUBMITTER:	John R. Mattingly										
Total Attachments: 1 source=8669-Assignment#page1.tif											

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# 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 by Hitachi High-Technologies Corporation, a corporation organized under the laws of Japan, located at 24-14, Nishi Shimbashi 1-chome, Minato-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi High-Technologies Corporation, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

## CHARGED PARTICLE BEAM RADIATION 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 High-Technologies Corporation, 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 High-Technologies Corporation,

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) Shunichi Watanabe Shunichi WATANABE

1/23/2013

2) Takashi Onishi Takashi ONISHI

1/23/2013

3) Minoru Kaneda Minoru KANEDA

1/23/2013

4) Hisaya Murakoshi Hisaya MURAKOSHI

1/23/2013

5) \_\_\_\_\_

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6) \_\_\_\_\_

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