

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yoshiyuki YAMAMOTO</td> <td>02/01/2008</td> </tr> <tr> <td>Akihiko UEDA</td> <td>02/01/2008</td> </tr> <tr> <td>Yoshiki NISHIBAYASHI</td> <td>02/01/2008</td> </tr> <tr> <td>Takahiro IMAI</td> <td>02/01/2008</td> </tr> </tbody> </table>		Name	Execution Date	Yoshiyuki YAMAMOTO	02/01/2008	Akihiko UEDA	02/01/2008	Yoshiki NISHIBAYASHI	02/01/2008	Takahiro IMAI	02/01/2008
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Takahiro IMAI	02/01/2008										
RECEIVING PARTY DATA											
Name:	Sumitomo Electric Industries, Ltd.										
Street Address:	5-33, Kitahama 4-chome, Chuo-ku										
City:	Osaka-shi, Osaka										
State/Country:	JAPAN										
Postal Code:	541-0041										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12095430</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12095430						
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Application Number:	12095430										
CORRESPONDENCE DATA											
Fax Number:	(713)228-8778										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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NAME OF SUBMITTER:	Jonathan P. Osha										
Total Attachments: 1											

OP \$40.00 12095430

500552538

**PATENT
 REEL: 021016 FRAME: 0651**

ASSIGNMENT

Whereas, I/we,

Name

Address

1) **Yoshiyuki YAMAMOTO**

c/o Itami Works of Sumitomo Electric Industries, Ltd.,

1-1, Koyakita 1-chome,
Itami-shi, Hyogo 664-0016 Japan

c/o Itami Works of Sumitomo Electric Industries, Ltd.,

2) **Akihiko UEDA**

1-1, Koyakita 1-chome,
Itami-shi, Hyogo 664-0016 Japan

c/o Itami Works of Sumitomo Electric Industries, Ltd.,

3) **Yoshiki NISHIBAYASHI**

1-1, Koyakita 1-chome,
Itami-shi, Hyogo 664-0016 Japan

c/o Itami Works of Sumitomo Electric Industries, Ltd.,

4) **Takahiro IMAI**

1-1, Koyakita 1-chome,
Itami-shi, Hyogo 664-0016 Japan

hereinafter called assignor(s), have invented certain improvements in **DIAMOND ELECTRON RADIATION CATHODE, ELECTRON SOURCE, ELECTRON MICROSCOPE, AND ELECTRON BEAM EXPOSER**

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

Whereas filed on 29 May 2008, Serial No. 12/095,430; and

SUMITOMO ELECTRIC INDUSTRIES, LTD.
5-33, Kitahama 4-chome, Chuo-ku,
Osaka-shi, Osaka 541-0041 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

INVENTORS

DATE SIGNED

1):
Name:

Yoshiyuki Yamamoto
Yoshiyuki YAMAMOTO

Feb. 1, 2008

2):
Name:

Akihiko Ueda
Akihiko UEDA

Feb. 1, 2008

3):
Name:

Yoshiki Nishibayashi
Yoshiki NISHIBAYASHI

Feb. 1, 2008

4):
Name:

Takahiro Imai
Takahiro IMAI

Feb. 1, 2008

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)