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•	Nature of conveyance: X Assignment			
•	Application number(s) or patent number(s): This document is being filed together with a new application: (a) The execution date(s) of the application is/are: (b) The title is: ELECTRON EMITTING SOURCE AND MANUFACTURING METHOD OF ELECTRON EMITTING SOURCE OR			
•	Name and address of party to whom correspondence concerning document should be mailed: STEIN MCEWEN, LLP Our Docket: 0097.1004 Attention: Michael D. Stein 1400 Eye St., N.W., Suite 300 Washington, D.C. 20005			
,	Total number of applications and patents involved:1			
•	Total fee (37 CFR 3.41)(\$ 40.00 per Patent or Application in Assignment) ☑ Enclosed ☐ Authorized to be charged to Deposit Account No. 503333.			
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PATENT

REEL: 024461 FRAME: 0933

Attorney Docket No.:

U.S. ASSIGNMENT

SMB 04/09

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 Name(s) & Address(es) of ASSIGNEE(S))

DENKI KAGAKU KOGYO KABUSHIKI KAISHA

1-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 103-8338, 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 to the invention entitled (Title of Invention)

ELECTRON EMITTING SOURCE AND MANUFACTURING METHOD OF ELECTRON EMITTING SOURCE

relating to International Patent Application PCT/JP2008/062590 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on ;	(insert date of execution of application, if not concurrent)
(b) filed on , Application No. Not yet assigned;	Any registered attorney of STEIN MCEWEN, LLP, 1400 Eye St., N.W., Sulte 300, Washington, D.C. 20005 (202/216-9505) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, releases or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, release, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned in (Typed Name & Signature of Inventor(s))	nventor(s) has (have) affixed his (Date)	u/her/their signature(s). (Typed Name & Signature of Witness(es))
1) Janiyuki Marishita Toshiyuki MORISHITA	May. 12.2010	Mitsihia Anda
Tóshiyuki MORISHITA	May 12 2010	Milsuhisa Anda Lomvelinke Kurki
Yoshinori TERUI		Tomochika Kurei
3)		
4)		
5)		
6)	·	an Henradia n
7)		

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