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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Seiichi SAKAWA	05/15/2007
Yoshinori TERUI	05/15/2007

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type Number	
Application Number:	11813963

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ATTORNEY DOCKET NUMBER: 311971US2PCT

NAME OF SUBMITTER: Tracia Paes

Total Attachments: 2

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PATENT REEL: 019557 FRAME: 0962

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Assignment of Application

TATA LATER	WHEREAS, I (WE) Seiichi Sakawa of Shibukawa-shi, Gunma, Japan and				
'NAMES ESIDENCE ESS OF VENTORS:	Yoshinori Terui of Shibukawa-shi, Gunma, Japan				
EVENTORS.					
	, respectively				
ITLE OF ON:	have invented certain new and useful improvements in: PROCESS FOR PRODUCING ELECTRON SOURCE				
	(Application No. PCT/JP2006/300394 , filed January 13, 2006), and				
	WHEREAS, Denki Kagaku Kogyo Kabushiki Kaisha				
NAME DRESS OF VY OR	(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-1, Nihonbashi-Muromachi 2-chome, Chuo				

OTHER ASSIGNEE

ku, Tokyo 103-8338 Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	May 15, 2007	Serichi Sakana.
**		(Signature of Inventor) Seiichi Sakawa
Date:	May 15, 2007	Yoshimori Temi
		(Signature of Inventor) Yoshinori Terui
Date:		
-		(Signature of Inventor)
Date:		
•		(Signature of Inventor)
Date:		
•		(Signature of Inventor)
Date:		
Date.		(Signature of Inventor)

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RECORDED: 07/13/2007

PATENT REEL: 019557 FRAME: 0964