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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Satoshi HIGUMA	12/15/2011
Hideki HIROTSURU	12/16/2011
Shinya NARITA	12/16/2011

RECEIVING PARTY DATA

Name:	DENKI KAGAKU KOGYO KABUSHIKI KAISHA	
Street Address:	1-1, Nihonbashi-Muromachi 2-chome, Chuo-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	103-8338	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13384479

CORRESPONDENCE DATA

 Fax Number:
 (703)413-2220

 Phone:
 (703) 413-3000

 Email:
 asomaiel@oblon.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Correspondent Name: Oblon, Spivak, et al.

Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	389270US99PCT		
NAME OF SUBMITTER:	Adel Samuel		

Total Attachments: 2

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PATENT REEL: 027560 FRAME: 0062 OP \$40.00 13384479

Assignment of Application

WHEREAS, I (WE	E) 1) Satoshi HIGU	MA						
	2) Hideki HIROT	SURU						
	3) Shinya NARIT	ГА						
	all of: c/o Denki	Kagaku Kogyo K	abushiki k	Caisha Omuta P	Plant, 1,	Shinkai-mach	i, Omuta-shi	,
	Fukuoka 8	36-8510, Japan						
							, respect	ively
	ain new and useful NG METHOD OF			IP ASSEMBL	Y, LED	PACKAGE, A	AND	
(Application No.	13/384,479		_, filed	January	17,	2012),	, and
WHEREAS,	DENKI KAGAKU	KOGYO KABU	SHIKI KA	AISHA				
ku, Tokyo 103-83	ed to as "ASSIGNE 38, Japan is desirous	s of acquiring the	entire righ	nt, title and inte	rest in	and to said inv	ention and ir	n and

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 (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) 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.

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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, L.L.P. 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:	15. Pec. 2011	Satohi Higung
		(Signature of Inventor) Satoshi HIGUMA
Date:	16 Dec. 2071	(Signature of Inventor) Hideki HIROTSURU
Date:	16. Dec. 2011	Shinya Narita
		(Signature of Inventor) Shinya NARITA
Date:		(Signature of Inventor)
Date:		
		(Signature of Inventor)
Date:		
		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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PATENT REEL: 027560 FRAME: 0064