### 502253570 03/05/2013

#### PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
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Naoya KANAMORI	02/04/2013	
Ryuichi MURAYAMA	01/08/2013	

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#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13820627

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ATTORNEY DOCKET NUMBER: 1609-0482PUS1

NAME OF SUBMITTER: Sarah L. Beatty

Total Attachments: 2

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ATTORNEY DOCKET NO. 1609-0482 PUS1

# BIRCH, STEWART, KOLASCH & BIRCH, LLP

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## ASSIGNMENT

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Filed March 4, 2013

of Inventor(s)	""(Given I nume naime a transmeter programme (approximate a superior and a superi					
;	Whereas,	Takashi KAWANA	; Naoya KANAMORI			
	Ryuichi MURAYAMA					
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Inseri Title of Invention		N AND SEMICONDUCTOR	certain new and useful improvements in DEVICE PRODUCED USING			
	for which an application for Lei undersigned (except in the case		America has been executed by the			
Insert Date of Signing of Application		2013, Februar 2013, respecti	y 4, 2013 and vely			
Insert Name of Assignce	WHEREAS, SUMITOMO BAKELITE CO., LTD.					
Insert Address of Assignee	5-8, Higashi-Shina	gawa 2-chome, Shinaga	wa-ku, Tokyo 140-0002 Japa			
CHECK BOX IF APPROPRIATE	desirons of acquiring the entire Letters Patent(s) that may be gr in any foreign countries.	esentatives and assigns (hereinaft right, title and interest in an dit anted therefor in the United States	o said invention and in and to any			
	paid, the receipt of which is her undersigned has (have) sold, as transfer unto said Assignee t he America, its territories, depende any and all Letters Patent(s) whi	cby acknowledged, and other goo ssigned and transferred, and by the c full and exclusive right to the sa encles and possessions and the en the may be granted (herefor in the	icse presents does sell, assign and id invention in the United States of tire right, title and interest in and to			

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full

term or terms for which the same may be granted.

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Attorney Docket No. 1609-0482PUS1

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and als o to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be deciated concerning this app—lication or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Ste wart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trudemark Office for recordation of this document.

The undersigned he roby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 1. Feb. 2013	Name of Inventor Takashi Kawana
Date 4. Feb. 20/3.	(signature) Takeshi KAWANA  Name of Inventor Vacya Kanamov;  (signature) Nacya KANAMORI
Date 8. Jan , 2013	Name of Inventor Rywichi Murocyman (signature) Rywichi MURAYAMA
Date	Name of Inventor(signature)
Date,	Name of Inventor
Date,	Name of Inventor(signature)

June 2002

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