# RECORDATION FORM COVER SHEET Patent and Trademark Office PATENTS ONLY

To	the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.				
1.	Name of conveying party(ies): Hiroyuki KURIMURA Hayato MIYAZAKI Gosuke NAKAJIMA				
2.	Name and Address of receiving party(ies): DENKI KAGAKU KOGYO KABUSHIKI KAISHA 1-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 103-8338 JAPAN				
3.	Nature of conveyance:  Assignment Merger Security Agreement Change of Name Other: Corrected Recordation Form Cover Sheet correcting the application filing date and adding the execution date of the Assignment Execution Date(s): June 27, 2012				
4.	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: «Title»  *** OR ***				
	<ul> <li>☐ This document is being filed after filing of the application:</li> <li>(a) Patent Application No(s). 13/554,747, filed July 20, 2012; or</li> <li>(b) Patent No(s)., issued.</li> </ul>				
5.	Name and address of party to whom correspondence concerning document should be mailed: STEIN MCEWEN, LLP Our Docket: 0382.1002 Attention: Michael D. Stein 1400 Eye St., N.W., Suite 300 Washington, D.C. 20005				
5.	Total number of applications and patents involved:1				
7.	Total fee (37 CFR 3.41)(\$ 40.00 per Patent or Application in Assignment)  Enclosed  Authorized to be charged to Deposit Account No. 503333.				
8.	The Assignment is filed in response to Document ID No. 700489990, therefore, no additional fee is submitted. Stamped copies of the previously submitted Cover Sheet and Assignment are attached.				
8.	Deposit Account No. 503333: (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)				
<u>Mic</u> r	nael D. Stein, Reg. No. 37,240 Mull 8 4412				
Name of Person Signing Signature Date					
	Total number of pages including cover sheet: 7				

**REEL: 028735 FRAME: 0530** 

**PATENT** 

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# RECORDATION FORM COVER SHEET Patent and Trademark Office

## PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

Hiroyuki KURIMURA Hayato MIYAZAKI Gosuke NAKAJIMA  Name and Address of receiving party(ies): DENKI KAGAKU KOGYO KABUSHIKI KAISHA 1-1, Nihonbashi-Muramachi 2-chome, Chuo-ku, Tokyo 103-8338, JAPAN  Nature of conveyance: X Assignment	To the	Director o	f the U.S. Patent and Trademark Office:	riease re	COID THE AUGUSTED CHARLES COOKING	
DENKI KAGAKU KOGYO KABUSHIKI KAISHA 1-1, Nihonbashi-Muramachi 2-chome, Chuc-ku, Tokyo 103-8338, JAPAN  3. Nature of conveyance:  X		Hiroyuki Hayato I	KURIMURA MIYAZAKI			
X   Assignment   Security Agreement   Change of Name		DENKI I	KAGAKU KOGYO KABUSHIKI K onbashi-Muramachi 2-chome,	): AISHA		
This document is being filled together with a new application:  (a) The execution date(s) of the application is/are:  (b) The title is: «Title»  → OR ****  ▼ This document is being filed after filing of the application:  (a) Patent Application No(s). 13/554.747, filed July 23, 2012, or  (b) Patent No(s). issued.  5. Name and address of party to whom correspondence concerning document should be mailed:  STEIN MCEWEN, LLP Our Docket: 0382.1002  Attention: Michael D. Stein 1400 Eye St., N.W., Suite 300  Washington, D.C. 20005  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41)		<u>×</u>	Assignment Security Agreement Other:			
<ul> <li>∑ This document is being filed after filing of the application: <ul> <li>(a) Patent Application No(s). 13/554.747 filed July 23, 2012.or</li> <li>(b) Patent No(s). issued.</li> </ul> </li> <li>5. Name and address of party to whom correspondence concerning document should be mailed: <ul> <li>STEIN MCEWEN, LLP Our Docket: 0382.1002</li> </ul> </li> <li>5. Attention: Michael D. Stein 1400 Eye St., N.W., Suite 300 <ul> <li>Washington, D.C. 20005</li> </ul> </li> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41)</li></ul>	4.	This (a)	s document is being filed together The execution date(s) of the app The title is: «Title»	r with a	new application: is/are:	
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Enclosed Authorized to be charged to Deposit Account No. 503333.  8. Deposit Account No. 503333: (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)  Michael D.Stein, Reg. No.37,240 Name of Person Signing  Total number of pages including cover sheet: 3	6.	Total n	umber of applications and patent	s involv	ed: <u>1</u>	
Account) (Attach duplicate copy of this page if paying by deposit account)  Michael D.Stein, Reg. No.37,240 Name of Person Signing  Total number of pages including cover sheet: 3	7.	⊠ Enclosed				
Name of Person Signing Signature Total number of pages including cover sheet: 3	8.	Deposit Account No. 503333: (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)				
Total number of pages including cover sheet: 3				Ţ	-	44, 44
DO NOT USE THIS SPACE				D NOT US	Total number of pages	including cover sheet: 3

**PATENT** 

**REEL: 028735 FRAME: 0531** 

#### A S S I G N M E N T

WHEREAS, we,

Hiroyuki KURIMURA, a citizen of Japan, c/o Denki Kagaku Kogyo

Kabushiki Kaisha, Electronic Materials Institute, 1135, Nakamura, Shibukawa-city, Gunma 3778520 Japan

Hayato MIYAZAKI, a citizen of Japan, c/o Denki Kagaku Kogyo

Kabushiki Kaisha, Electronic Materials Institute, 1135, Nakamura, Shibukawa-city, Gunma 3778520 Japan

Gosuke NAKAJIMA, a citizen of Japan, c/o Denki Kagaku Kogyo

Kabushiki Kaisha, Electronic Materials Institute, 1135, Nakamura, Shibukawa-city, Gunma 3778520 Japan

have invented certain new and useful improvements in

METHOD OF MANUFACTURING TRANSLUCENT RIGID SUBSTRATE

LAMINATE AND TRANSLUCENT RIGID SUBSTRATE BONDING APPARATUS

for which we have on June 27, 2012 executed an application for Letters Patent of the United States under 35 U.S.C. 371 resulting from the International Application No. PCT/JP2011/050461 filed on January 13, 2011, and

WHEREAS, DENKI KAGAKU KOGYO KABUSHIKI KAISHA, a Japanese Corporation, located at 1-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 103-8338 Japan, (hereinafter called the "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the inventions and improvements therein disclosed so far as the United States of America is concerned.

NOW, THEREFORE, in good and valuable consideration paid to us by said Assignee, receipt whereof is hereby acknowledged, we do hereby assign, sell, transfer and set over unto said Assignee the entire right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and any Letters Patent which may issue therefor in the United States and all divisions, re-issues, continuations, renewals and/or extensions thereof, said Assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, re-issues, continuations, renewals and/or extensions thereof, respectively, a fully and entirely as the same would have

PATENT REEL: 028735 FRAME: 0532 been held and enjoyed by us had this Assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application, and of the right to make, use or sell the inventions and improvements disclosed therein within the United States and that we have the full right to make this Assignment.

And for the consideration aforesaid, we agree that we will communicate to said Assignee or the representatives thereof any facts known to us respecting the inventions and improvements of the said United States application and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, re-issue, continuation, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said Assignee or by counsel for said Assignee, to assist or enable said Assignee to obtain and enforce full benefits from the rights and interest herein assigned. This Assignment shall be binding upon our heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said Assignee.

	Executed at Gunma,	
this .	27th day of JUNE, 2012	
		Miroyaki Murimura Hiroyaki KURIMURA
		Hiroyuki KURIMURA
	Executed at <u>Gunma</u> ,	
this	27th day of JUNE, 2012	<del></del>
		Tagato Miyozaki
		Hayato MIYAZAKI
	Executed at Gunma,	
this	27th day of JUNE, 2012	<del></del>
		Gosuke Nakajim
		Gosuke NAKAJIMA

### ASSIGNMENT

WHEREAS, we,

Hiroyuki KURIMURA, a citizen of Japan, c/o Denki Kagaku Kogyo

Kabushiki Kaisha, Electronic Materials Institute, 1135, Nakamura, Shibukawa-city, Gunma 3778520 Japan

Hayato MIYAZAKI,

a citizen of Japan, c/o Denki Kagaku Kogyo

Kabushiki Kaisha, Electronic Materials Institute, 1135, Nakamura, Shibukawa-city, Gunma 3778520 Japan

Gosuke NAKAJIMA, a citizen of Japan, c/o Denki Kagaku Kogyo Kabushiki Kaisha, Electronic Materials Institute, 1135, Nakamura, Shibukawa-city, Gunma 3778520 Japan

have invented certain new and useful improvements in METHOD OF MANUFACTURING TRANSLUCENT RIGID SUBSTRATE LAMINATE AND TRANSLUCENT RIGID SUBSTRATE BONDING APPARATUS

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> PATENT REEL: 028735 FRAME: 0534

been held and enjoyed by us had this Assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application, and of the right to make, use or sell the inventions and improvements disclosed therein within the United States and that we have the full right to make this Assignment.

And for the consideration aforesaid, we agree that we will communicate to said Assignee or the representatives thereof any facts known to us respecting the inventions and improvements of the said United States application and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, re-issue, continuation, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said Assignee or by counsel for said Assignee, to assist or enable said Assignee to obtain and enforce full benefits from the rights and interest herein assigned. This Assignment shall be binding upon our heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said Assignee.

	Executed at Gunma,	
this _	27th day of JUNE, 2012	<b>-</b>
		Hiroyuki KURIMURA
		Hiroyuki KURIMURA
	Executed at <u>Gunma</u> ,	
this	27th day of JUNE, 2012	_
		Thayato Miyayaki
		Hayato MIYAZAKI
	Executed at <u>Gunma</u> ,	
this	27th day of JUNE, 2012	
		Souke Nakajima
		Gosuke NAKAJIMA

PATENT REEL: 028735 FRAME: 0535