

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tomohiko KOTAKE</td> <td>03/29/2012</td> </tr> <tr> <td>Masato MIYATAKE</td> <td>03/29/2012</td> </tr> <tr> <td>Shunsuke NAGAI</td> <td>03/29/2012</td> </tr> <tr> <td>Hiroyuki IZUMI</td> <td>03/29/2012</td> </tr> <tr> <td>Shinji TSUCHIKAWA</td> <td>03/29/2012</td> </tr> <tr> <td>Shin TAKANEZAWA</td> <td>03/29/2012</td> </tr> <tr> <td>Hikari MURAI</td> <td>03/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Tomohiko KOTAKE	03/29/2012	Masato MIYATAKE	03/29/2012	Shunsuke NAGAI	03/29/2012	Hiroyuki IZUMI	03/29/2012	Shinji TSUCHIKAWA	03/29/2012	Shin TAKANEZAWA	03/29/2012	Hikari MURAI	03/29/2012
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<table border="1"> <tr> <td>Name:</td> <td>Hitachi Chemical Company, Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Nishi-Shinjuku 2-chome</td> </tr> <tr> <td>City:</td> <td>Shinjuku-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	Hitachi Chemical Company, Ltd.	Street Address:	1-1, Nishi-Shinjuku 2-chome	City:	Shinjuku-ku, Tokyo	State/Country:	JAPAN								
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Application Number:	13352783																
CORRESPONDENCE DATA																	
Fax Number:	(703)312-6666																
Phone:	703-312-6600																
Email:	gthomson@antonelli.com																
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																	
Correspondent Name:	ANTONELLI, TERRY, STOUT & KRAUS, LLP																
Address Line 1:	1300 NORTH SEVENTEENTH STREET																
Address Line 2:	SUITE 1800																
Address Line 4:	ARLINGTON, VIRGINIA 22209-3873																
ATTORNEY DOCKET NUMBER:	396.51368X00																
NAME OF SUBMITTER:	William I. Solomon																
Total Attachments: 1 source=51368X00ASIGN#page1.tif																	

OP \$40.00 13352783

ASSIGNMENT		ATTY. DOCKET NO.:	
		396.51368X00	
WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to			
PREPREG, LAMINATE OBTAINED WITH THE SAME AND PRINTED-WIRING BOARD			
for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.			
X	for which U.S. Application No.		for Letters Patent was filed in the U.S. Patent and Trademark Office on
	13/352,783		January 18, 2012
	for which an International Application was filed on		as
			designating the United States.
AND WHEREAS	HITACHI CHEMICAL COMPANY, LTD. 1-1, Nishi-Shinjuku 2-chome, Shinjuku-ku Tokyo, Japan		
hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.			
NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.			
AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.			
AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.			
The undersigned hereby grant(s) the law firm of Antonelli, Terry, Stout, Kraus, 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 United States Patent and Trademark Office for recordation of this document.			
IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.			
201	FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
	Tomohiko KOTAKE	<i>Tomohiko Kotake</i>	MAR. 29. 2012
202	FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
	Masato MIYATAKE	<i>Masato Miyatake</i>	MAR. 29. 2012
203	FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
	Shunsuke NAGAI	<i>Shunsuke Nagai</i>	MAR. 29. 2012
204	FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
	Hiroyuki IZUMI	<i>Hiroyuki Izumi</i>	MAR. 29. 2012
205	FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
	Shinji TSUCHIKAWA	<i>Shinji Tsuchikawa</i>	MAR. 29. 2012
206	FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
	Shin TAKANEZAWA	<i>Shin Takanezawa</i>	MAR. 29. 2012
207	FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
	Hikari MURAI	<i>Hikari Murai</i>	MAR. 29. 2012

PATENT