

## 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>Minori TAKEGOSHI</td> <td>05/25/2012</td> </tr> <tr> <td>Mitsuru KATO</td> <td>06/06/2012</td> </tr> <tr> <td>Chihiro OKAMOTO</td> <td>06/04/2012</td> </tr> <tr> <td>Shinya KATO</td> <td>06/01/2012</td> </tr> </tbody> </table>		Name	Execution Date	Minori TAKEGOSHI	05/25/2012	Mitsuru KATO	06/06/2012	Chihiro OKAMOTO	06/04/2012	Shinya KATO	06/01/2012
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<table border="1"> <tr> <td>Name:</td> <td>Kuraray Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>1621, Sakazu</td> </tr> <tr> <td>City:</td> <td>Kurashiki-shi, Okayama</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>710-0801</td> </tr> </table>		Name:	Kuraray Co., Ltd.	Street Address:	1621, Sakazu	City:	Kurashiki-shi, Okayama	State/Country:	JAPAN	Postal Code:	710-0801
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Application Number:	13508924										
CORRESPONDENCE DATA											
<p>Fax Number: (312)616-5700          Phone: (312) 616-5600          Email: assignments@leydig.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: John Kilyk, Jr.          Address Line 1: Leydig, Voit &amp; Mayer, Ltd.          Address Line 2: Two Prudential Plaza, Suite 4900          Address Line 4: Chicago, ILLINOIS 60601-6731</p>											
ATTORNEY DOCKET NUMBER:	710379										
NAME OF SUBMITTER:	John Kilyk, Jr.										
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif											

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Leydig, Voit & Mayer, Ltd.  
Two Prudential Plaza, Suite 4900  
180 North Stetson Avenue  
Chicago, Illinois 60601-6731

### ASSIGNMENT

WHEREAS, I/WE, Minori TAKEGOSHI, Mitsuru KATO, Chihiro OKAMOTO and Shinya KATO all of c/o KURARAY CO., LTD., 7471, Tamashimaotoshima, Kurashiki-shi, Okayama 713-8550 Japan, have invented and own a certain invention entitled:

#### SLURRY FOR CHEMICAL MECHANICAL POLISHING AND POLISHING METHOD FOR SUBSTRATE USING SAME

for which invention we have executed an application (provisional or non-provisional) for a United States patent, which was filed on May 9, 2012, under Application No. 13/508,924, and

WHEREAS, KURARAY CO., LTD. of 1621, Sakazu, Kurashiki-shi, Okayama 710-0801 Japan (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title, and interest in and under the invention described in the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the United States and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, and reexaminations) that may be filed in the United States on the invention, and the patents or extensions thereof that may issue thereon, and we do hereby authorize and request the Commissioner for Patents to issue United States patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional,

reissued, or reexamined patents of the United States on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date May 25, 2012

Minori TAKEGOSHI  
Minori TAKEGOSHI

Date May 25, 2012

Tomoyasu Tsuda  
Witness Tomoyasu TSUDA

Date May 25, 2012

Satoru Kita  
Witness Satoru KITA

Date June 6, 2012

Mitsuru Kato  
Mitsuru KATO

Date June 6, 2012

Tomoyasu Tsuda  
Witness Tomoyasu TSUDA

Date June 6, 2012

Satoru Kita  
Witness Satoru KITA

Date June 4, 2012

Chihiro Okamoto  
Chihiro OKAMOTO

Date June 4, 2012

Tomoyasu Tsuda  
Witness Tomoyasu TSUDA

Date June 4, 2012

Satoru Kita  
Witness Satoru KITA

In re Appln. of Takegoshi et al.  
Attorney Docket No. 710379

Date June 1, 2012

Shinya Kato  
Shinya KATO

Date June 1, 2012

Tomoyasu Tsuda  
Witness Tomoyasu TSUDA

Date June 1, 2012

Satoru Kita  
Witness Satoru KITA

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