

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr><td>Junichi Nakamura</td><td>11/30/2007</td></tr> <tr><td>Yasunori Tsujino</td><td>11/30/2007</td></tr> <tr><td>Ai Matsumoto</td><td>11/30/2007</td></tr> <tr><td>Yukihiro Kasano</td><td>11/30/2007</td></tr> <tr><td>Masafumi Yamashita</td><td>11/30/2007</td></tr> <tr><td>Takuo Sugioka</td><td>11/30/2007</td></tr> <tr><td>Kunio Takahashi</td><td>11/30/2007</td></tr> </tbody> </table>		Name	Execution Date	Junichi Nakamura	11/30/2007	Yasunori Tsujino	11/30/2007	Ai Matsumoto	11/30/2007	Yukihiro Kasano	11/30/2007	Masafumi Yamashita	11/30/2007	Takuo Sugioka	11/30/2007	Kunio Takahashi	11/30/2007
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<b>RECEIVING PARTY DATA</b>																	
<b>Name:</b>	Nippon Shokubai Co., Ltd.																
<b>Street Address:</b>	1-1, Koraibashi 4-chome, Chuo-ku, Osaka-shi																
<b>City:</b>	Osaka																
<b>State/Country:</b>	JAPAN																
<b>Postal Code:</b>	541-0043																
<b>PROPERTY NUMBERS Total: 1</b>																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>11863539</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	11863539												
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<b>Application Number:</b>	11863539																
<b>CORRESPONDENCE DATA</b>																	
<b>Fax Number:</b>	(202)293-6229																
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<b>ATTORNEY DOCKET NUMBER:</b>	21581-00409-US1																

CH \$40.00 11863539

**PATENT**

NAME OF SUBMITTER:

Burton A. Amernick

**Total Attachments: 6**

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### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<b>1. Name of conveying party(ies):</b> Junichi Nakamura (11/30/2007), Yasunori Tsujino (11/30/2007), Ai Matsumoto (11/30/2007), Yukihiro Kasano (11/30/2007), Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<b>2. Name and address of receiving party(ies)</b> Name: <u>Nippon Shokubai Co., Ltd.</u> Internal Address: _____ Street Address: _____ 1-1, Koraihashi 4-chome, Chuo-ku, Osaka-shi Osaka 541-0043 JAPAN City: _____ State: _____ Country: _____ Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s): in parentheses after inventor name <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____			
<b>4. Application or patent number(s):</b> A. Patent Application No.(s) 11/863,539 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> This document is being filed together with a new application. B. Patent No.(s)  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>Burton A. Amernick</u> <u>CONNOLLY BOVE LODGE &amp; HUTZ LLP</u> Internal Address: <u>Atty. Dkt.: 21581-00409-US1</u> Street Address: <u>1875 Eye Street, NW</u> <u>Suite 1100</u> City: <u>Washington</u> State: <u>DC</u> Zip: <u>20006</u> Phone Number: <u>(202) 331-7111</u> Fax Number: <u>(202) 293-6229</u> Email Address: <u>BAmernick@cblh.com</u>		<b>6. Total number of applications and patents involved:</b> <input type="text" value="1"/> <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)	
<b>9. Signature:</b> <u>/Burton A. Amernick/</u> Signature <u>Burton A. Amernick - 24,852</u> Name of Person Signing		<b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>22-0185</u> Authorized User Name <u>Burton A. Amernick</u>	
		Total number of pages including cover sheet, attachments, and documents: <input type="text" value="5"/>	

**RECORDATION FORM COVER SHEET (PTO-1595)  
(supplemental sheet)**

**Additional Conveying Party(ies)/Execution Date(s) (1. Continued):**

Masafumi Yamashita (11/30/2007), Takuo Sugioka (11/30/2007), and Kunio Takahashi (11/30/2007)

**Additional Assignees (2. Continued):**

Assignee Name: \_\_\_\_\_

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City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Assignee Name: \_\_\_\_\_

Internal Address:

Street Address:

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Assignee Name: \_\_\_\_\_

Internal Address:

Street Address:

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

**Additional Applications and/or Patents (4. Continued):**

Additional Patent Application Numbers  
4A. Continued:

Additional Patent Numbers  
4B. Continued:

Additional numbers attached?

Yes  No

## ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 30 day of NOV, 2007, by Junichi Nakamura; Yasunori Tsujino; Ai Matsumoto; Yukihiko Kasano; Masafumi Yamashita; Takuo Sugioka; and Kunio Takahashi (hereinafter referred to as Assignors), residing at 1-18-703, Shinashiyashimo, Suita-Shi Osaka, 5650803, JAPAN; 1-24, Saitoasagi 6-chome, Ibaraki-Shi Osaka, 5670085, JAPAN; 5-1-403, Nishimachi, Takatsuki-Shi Osaka, 5690854, JAPAN; 9-10-105, Takashirocho, Suita-Shi Osaka, 5640024, JAPAN; 2-9-310, Sakaemachi 1-chome, Takatsuki-Shi Osaka, 5690825, JAPAN; 31-74, Koyoenmegamiyamacho, Nishinomiya-Shi Hyogo, 6620011, JAPAN; and 18-9, Minaminosaka 2-chome, Kawanishi-Shi Hyogo, 6660136, JAPAN, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in CURABLE RESIN COMPOSITION, OPTICAL MATERIAL, AND METHOD FOR CONTROLLING OPTICAL MATERIAL, set forth in a Patent application for Letters Patent of the United States, already filed on September 28, 2007 as U.S. Application No. 11/863,539; and

WHEREAS, Nippon Shokubai Co., Ltd., a Corporation organized under and pursuant to the laws of Japan having its principal place of business at 1-1, Korabashi 4-chome, Chuo-ku., Osaka-shi, Osaka, 541-0043, JAPAN (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said

Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals 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:

CONNOLLY BOVE LODGE & HUTZ LLP

All practitioners at Customer Number 30678

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: NOV. 30. 2007

Signature: *Junichi Nakamura*  
Junichi Nakamura

Date: NOV. 30. 2007

Signature: *Yasunori Tsujino*  
Yasunori Tsujino

Date: NOV. 30. 2007

Signature: *Ai Matsumoto*  
Ai Matsumoto

Date: NOV. 30. 2007

Signature: *Yukihiro Kasano*  
Yukihiro Kasano

Date: NOV. 30. 2007

Signature: *Masafumi Yamashita*  
Masafumi Yamashita

Date: NOV. 30. 2007

Signature: *Takuo Sugioka*  
Takuo Sugioka

Date: NOV. 30. 2007

Signature: Kunio Takahashi  
Kunio Takahashi