

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3555929

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                            |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                                |
| <b>CONVEYING PARTY DATA</b>   |   |
| <b>Name</b>   | <b>Execution Date</b>                     |
| HIROAKI SAKURAI   | 08/10/2015                                |
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| <b>State/Country:</b>   | JAPAN                                     |
| <b>Postal Code:</b>   | 1080073                                   |
| <b>PROPERTY NUMBERS Total: 1</b>  |   |
| <b>Property Type</b>  | <b>Number</b>                             |
| <b>Application Number:</b>  | 14655862                                  |
| <b>CORRESPONDENCE DATA</b>  |   |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | SSIP-124US                                |
| <b>NAME OF SUBMITTER:</b>   | LING ZHONG, REG. NO. 48,290               |
| <b>SIGNATURE:</b>   | /Ling Zhong/                              |
| <b>DATE SIGNED:</b>   | 10/05/2015                                |
| <b>Total Attachments: 2</b>   |   |
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| source=AssignmentNippon#page2.tif   |   |

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| <b>ASSIGNMENT - Patent Application</b>   |  | Docket Number: <b>SSIP-124US</b> |
| Whereas, the Assignor, comprising the following named inventors:   |  |                                  |
| ASSIGNOR(s)/<br>INVENTOR(s)  | 1. <b>Hiroaki SAKURAI</b>  | 2.                               |
|  | 3.   | 4.                               |
|  | 5.   | 6.                               |
| made an invention entitled: <b><u>BACTERIAL CELLULOSE AND BACTERIUM PRODUCING SAME</u></b>   |  |                                  |
| for which an application for Letters Patent of the United States (the Application):<br>(Select one of the following):  |  |                                  |
| <input type="checkbox"/> is submitted concurrently herewith<br><input checked="" type="checkbox"/> was filed in the U.S. Patent and Trademark Office on <b><u>June 26, 2015</u></b><br>as U.S. Patent Application Serial No.: <b><u>14/655,862</u></b>   |  |                                  |
| ASSIGNEE<br>(Full Name and Address)  | <b>Nippon Beet Sugar Manufacturing Co., LTD.</b><br><b>12-14, Mita 3-chome, Minato-ku, Tokyo</b><br><b>1080073 Japan</b> |                                  |
| <p>is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,</p> <p>Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including the Application, all divisions, continuations, and continuations-in-part thereof and non-provisional applications claiming priority thereto, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto and authorizes Assignee to file such applications for Letters Patent in the United States and any and all other countries.</p> <p>Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.</p> <p>Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.</p> <p>If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.</p> <p>Assignor authorizes Assignor's attorney to insert the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.</p> <p>If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.</p> <p>In witness whereof, this Assignment is executed on the day indicated below.</p> |  |                                  |

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|--|----------------------------------|
| <b>ASSIGNMENT - Patent Application</b> | Docket Number: <b>SSIP-124US</b> |
|--|----------------------------------|

|           | Typed or Printed Name     | Signature  | Date                   |
|-----------|---------------------------|--|------------------------|
| SIGNATURE | 1. <b>Hiroaki SAKURAI</b> | <i>Hiroaki Sakurai</i>                             | <i>August 10, 2015</i> |
|           |                           | <i>Hiroki Murakami</i><br>* Witness to Assignor #1 | <i>August 10, 2015</i> |
|           | 2.                        | _____  | _____                  |
|           |                           | _____<br>* Witness to Assignor #2                  | _____                  |
|           | 3.                        | _____  | _____                  |
|           |                           | _____<br>* Witness to Assignor #3                  | _____                  |
|           | 4.                        | _____  | _____                  |
|           |                           | _____<br>* Witness to Assignor #4                  | _____                  |
|           | 5.                        | _____  | _____                  |
|           |                           | _____<br>* Witness to Assignor #5                  | _____                  |
|           | 6.                        | _____  | _____                  |
|           |                           | _____<br>* Witness to assignor #6                  | _____                  |

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| Application for United States Letters Patent: |   |
| Serial No.:                                   | <b><u>June 26, 2015</u></b>                                   |
| Filed:  | <b><u>14/655,862</u></b>                                      |
| Attorney Docket Number:                       | <b><u>SSIP-124US</u></b>                                      |
| Total Number of Assignment Pages <b>2</b>     | * Witness signature recommended, mandatory for some countries |