

## PATENT ASSIGNMENT COVER SHEET

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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>                     |
| ROHM AND HAAS CHEMICALS LLC   | 09/19/2016                                |
| <b>RECEIVING PARTY DATA</b>   |   |
| <b>Name:</b>  | TOKAI CARBON CO., LTD.                    |
| <b>Street Address:</b>  | 2-3, KITA-AOYAMA 1-CHOME                  |
| <b>City:</b>  | MINATO-KU, TOKYO                          |
| <b>State/Country:</b>   | JAPAN                                     |
| <b>Postal Code:</b>   | 107-8636                                  |
| <b>PROPERTY NUMBERS Total: 2</b>  |   |
| <b>Property Type</b>  | <b>Number</b>                             |
| <b>Patent Number:</b>   | 6464912                                   |
| <b>Patent Number:</b>   | 6648977                                   |
| <b>CORRESPONDENCE DATA</b>  |   |
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| <b>Email:</b>   | PatentMail@whda.com                       |
| <b>Correspondent Name:</b>  | WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | G160036US00                               |
| <b>NAME OF SUBMITTER:</b>   | STEPHEN G. ADRIAN                         |
| <b>SIGNATURE:</b>   | /Stephen G. Adrian/                       |
| <b>DATE SIGNED:</b>   | 10/18/2016                                |
| <b>Total Attachments: 1</b>   |   |
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AM3006-2016-00-145-118  
AM3006-2016-00-145-118

**ASSIGNMENT**

WHEREAS, **Rohm and Haas Chemicals LLC**, a corporation duly organized under the laws of the United States and having its principal place of business at 100 Independence Mall West, Philadelphia, Pennsylvania 19106, is the owner of the entire right, title and interest in and to the inventions described and claimed in the U.S. Patents listed below, by virtue of assignments recorded at the U.S. Patent and Trademark Office;

United States Letters Patent No. **6,464,912** entitled "**METHOD FOR PRODUCING NEAR-NET SHAPE FREE STANDING ARTICLE BY CHEMICAL VAPOR DEPOSITION**";

United States Letters Patent No. **6,648,977** entitled "**METHOD OF PRODUCING NEAR-NET SHAPE FREE STANDING ARTICLES BY CHEMICAL VAPOR DEPOSITION**";

WHEREAS, **Rohm and Haas Chemicals LLC**, hereinafter referred to as ASSIGNOR, is desirous of assigning its entire right, title and interest in and to said listed U.S. Patents;

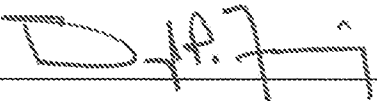
WHEREAS, **TOKAI CARBON CO., LTD.**, a corporation duly organized under the laws of Japan and having its principal place of business at 2-3, Kita-Aoyama 1-chome, Minato-ku, Tokyo, Japan 107-8636, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest as held by ASSIGNOR in and to said listed U.S. Patents;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: be it known that for good and valuable consideration, the adequacy and receipt of which is hereby acknowledged by ASSIGNOR, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE, its entire right, title, and interest in and to said listed United States Patents, and the inventions therein, for the full term thereof and any reissue, extension, reexamination, continuation, or divisional thereof.

IN WITNESS WHEREOF, the undersigned ASSIGNOR has hereunto set hand and seal this  
\_\_\_\_\_ 19 day of September, 2016.

Assignor: Rohm and Haas Chemicals LLC

Signature of Representative: \_\_\_\_\_



Name: Darryl P. Frickey

Title: Assistant Secretary