

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| UMAKANT PRAVINCHANDRA JOSHI | 04/10/2017 |
| RECEIVING PARTY DATA | |
| Name: | CRYSTAPHASE PRODUCTS, INC. |
| Street Address: | 16945 NORTHCHASE DRIVE, SUITE 1610 |
| City: | HOUSTON |
| State/Country: | TEXAS |
| Postal Code: | 77060 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15485943 |
| CORRESPONDENCE DATA | |
| Fax Number: | (713)754-6652 |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Phone: | 713-374-3652 |
| Email: | GTIPMAIL@GTLAW.COM |
| Correspondent Name: | MARK G. CHRETIEN |
| Address Line 1: | 1000 LOUISIANA STREET |
| Address Line 2: | SUITE 1700 |
| Address Line 4: | HOUSTON, TEXAS 77002 |
| ATTORNEY DOCKET NUMBER: | 105218.000045/US/3 |
| NAME OF SUBMITTER: | MARK G. CHRETIEN |
| SIGNATURE: | /Mark G. Chretien/ |
| DATE SIGNED: | 04/12/2017 |
| Total Attachments: 2 | |
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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to **CRYSTAPHASE PRODUCTS, INC.** (the "Assignee"), a corporation of the state of Texas having a place of business at 16945 Northchase Drive, Suite 1610, Houston, Texas 77060, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements and inventions which are disclosed in the provisional application for United States Letters Patent entitled "**MATERIALS AND METHODS FOR MITIGATING HALIDE SPECIES IN PROCESS STREAMS**," U.S. Application Serial No. 15/485,943, filed April 12, 2017, having Attorney Docket No. 105218.000045/US/3, such application and all provisional, non-provisional, divisional, continuing, continuation-in-part, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements and inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements and inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND HEREBY REQUEST counsel for the Assignee to insert the serial number and application date in the blanks above, after receipt of the information from the U.S. Patent and Trademark Office;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements and inventions to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements and inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and inventions and for vesting title to such improvements and inventions in the Assignee;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

04/10/2017
Date

By: U. P. Joshi
UMAKANT PRAVINCHANDRA JOSHI

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this 10 day of April, 2017, personally appeared UMAKANT PRAVINCHANDRA JOSHI, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

By: Lilian Hernandez
NOTARY PUBLIC, STATE OF TEXAS

