# 505766452 11/11/2019

# PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name                          | Execution Date |
|-------------------------------|----------------|
| KANAPARTHI RAMESH             | 07/17/2019     |
| KANDOTH MADATHIL PRAMOD       | 07/17/2019     |
| PEDDY VENKAT CHALAPATHI RAO   | 07/17/2019     |
| NETTEM VENKATESWARLU CHOUDARY | 07/17/2019     |

#### **RECEIVING PARTY DATA**

| Name:             | HINDUSTAN PETROLEUM CORPORATION LTD.    |  |
|-------------------|---|--|
| Street Address:   | PETROLEUM HOUSE, 17 JAMSHEDJI TATA ROAD |  |
| Internal Address: | CHURCHGATE                              |  |
| City:             | MUMBAI                                  |  |
| State/Country:    | INDIA                                   |  |
| Postal Code:      | 400020                                  |  |

### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15511485 |

### **CORRESPONDENCE DATA**

**Fax Number:** (206)682-6031

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.

**Phone:** (206) 622-4900

Email: lbrahimS@SeedIP.com
Correspondent Name: RACHEL A. HALLER

Address Line 1:SEED IP LAW GROUP LLPAddress Line 2:701 FIFTH AVE, SUITE 5400Address Line 4:SEATTLE, WASHINGTON 98104

| ATTORNEY DOCKET NUMBER: | 450111.402USPC       |
|-------------------------|----------------------|
| NAME OF SUBMITTER:      | RACHEL A. HALLER     |
| SIGNATURE:              | / Rachel A. Haller / |
| DATE SIGNED:            | 11/11/2019           |
|                         |                      |

**Total Attachments: 4** 



PD015325US-MP

#### ASSIGNMENT

WHEREAS, we, Kanaparthi Ramesh, Kandoth Madathil Pramod, Peddy Venkat Chalapathi Rao, and Nettem Venkateswarlu Choudary (hereinafter referred to as ASSIGNORS), all having a mailing addresses of Hindustan Petroleum Green R&D Centre, KIADB Ind. Area, Tarabahalli, Devanagundi, Bangalore, India 560067, are the joint inventors of an invention entitled "A PROCESS FOR PREPARATION OF HOMOGENOUS MIXTURE FOR THERMAL STORAGE AND HEAT TRANSFER APPLICATIONS," as described and claimed in the specification for which an application for United States letters patent was filed and assigned Application No. 15/511,485; which application is a national stage application filed under 35 U.S.C. 371 of International Application No. PCT/IN2016/050154, accorded an International Filing Date of May 24, 2016;

WHEREAS, HINDUSTAN PETROLEUM CORPORATION LTD. (hereinafter referred to as ASSIGNEE), having a usual place of business at Petroleum House, 17 Jamshedji Tata Road, Churchgate, Maharashtra, Mumbai, India 400020, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions including any extensions or adjustments in term thereof, and in any and all divisions, reissues and continuations thereof, including the right to sue and collect damages for past and present infringement of said letters patent; said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

**PATENT** 

REEL: 050970 FRAME: 0016

International Application No.: PCT/IN2016/050154 U.S. Application No.: 15/511,485

| 17.07.2019                      | 2000   |
|---------------------------------|--|
| Date                            | Kanaparthi Ramesh  |
|                                 | nave satisfactory evidence that Kanaparthi Ramesh signed as a voluntary act for the uses and purposes mentioned in |
| Date(Type or Print)             | Signed at  |
| (Type or Print Name of Witness) | (Signature of Witness)   |
| Date                            | Kandoth Madathil Pramod  |
|                                 |  |
| •                               | nave satisfactory evidence that Kandoth Madathil Pramod<br>free will, as a voluntary act for the uses and purposes |
| Date(Type or Print)             | Signed at  |
| (Type of Time)                  |  |

|  | International Application No.: PC1/IN2016/030154   |
|--|--|
|  | U.S. Application No.: 15/911/485   |
| 7 of 2010<br>Date:   | Kanaparthi Ramush  |
| I certify that I know or have this instrument of his/her own free will, as the instrument.   | e satisfactory evidence that Kamaparthi Ramesh signed a voluntary act for the uses and purposes mentioned in   |
| Date (Type or Print)   | Signed at  |
| (Type or Print Name of Witness)  | (Signature of Witness)   |
|  |  |
| 19-07-19.  | AM A Galaras<br>Karatiuh Madauhili Pramod  |
| Control of the Contro | ee will, as a voluntary act for the uses and purposes  |
| Date (Type of Print)   | Signed at the state of the stat |
| Print Name of Witness)   | (Signature of Witness)   |
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International Application No.: PCT/IN2016/050154 U.S. Application No.: 15/511,485

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|   | ave satisfactory evidence that Peddy Venkat Chalapathi n free will, as a voluntary act for the uses and purposes |
| mentioned in the instrument.  |  |
| Date(Type or Print)   | Signed at  |
| (Type or Print)   |  |
| (Type or Print Name of Witness)   | (Signature of Witness)   |
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| er van de de valence en veger among generale sy specie announce ampare en migra en anno de dispose en anti- |  |
| 17-07-2019  | Roudand  |
| Date  | Nettem Venkateswarlu Choudary  |
| I certify that I know or  | have satisfactory evidence that Nettem Venkateswarlu   |
|   | her own free will, as a voluntary act for the uses and   |
| purposes mentioned in the instrument.   |  |
| Date(Type or Print)   | Signed at  |
| (Type or Print)   |  |
| (Type or Print Name of Witness)   | (Signature of Witness)   |
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| (450111.402USPC) Docket No.<br>5683464_I  |  |

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