502777055 04/22/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2823650

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------------------|----------------|
| EXXONMOBIL CHEMICAL PATENTS INC. | 04/09/2014 |
| TECHNIP PROCESS TECHNOLOGY INC. | 04/14/2014 |

RECEIVING PARTY DATA

| Name: | BADGER LICENSING LLC | |
|-----------------|----------------------|--|
| Street Address: | ONE FINANCIAL CENTER | |
| City: | BOSTON | |
| State/Country: | MASSACHUSETTS | |
| Postal Code: | 02111 | |

PROPERTY NUMBERS Total: 2

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13042004 |
| Application Number: | 13746965 |

CORRESPONDENCE DATA

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| TTORNEY DOCKET NUMBER: 400008-20008CON AND 20036 | | |
|--|--------------------|--|
| NAME OF SUBMITTER: | PETER W. ROBERTS | |
| SIGNATURE: | /Peter W. Roberts/ | |
| DATE SIGNED: 04/22/2014 | | |

Total Attachments: 1

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PATENT REEL: 032726 FRAME: 0878

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RECORDED: 04/22/2014

CONFIRMATION OF ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, we, **ExxonMobil Chemical Patents Inc.** ("EMCPI"), a Delaware corporation, and **Technip Process Technology Inc.** a Louisiana corporation, as owners of record of the rights in certain inventions for which applications for United States Patents have been filed as follows:

| U.S. Application Number | Filing Date |
|-------------------------|-------------|
| 13/042,004 | 03/07/2011 |
| 13/746,965 | 01/22/2013 |

have assigned to: **Badger Licensing LLC**, a Delaware limited liability company located at One Financial Center, Boston, Massachusetts 02111, the entire rights, title and interest in and to any and all United States Patents which may be granted therefore in the United States.

WHEREAS, Estelle C. Bakun, is authorized to execute assignment documents relating to patent applications owned by **ExxonMobil Chemical Patents Inc.** and Ronald Birkhoff, is authorized to execute assignment documents relating to patent applications owned by **Technip Process Technology Inc.**

| ExxonMobil Chemical Patents Inc. | Technip Process Technology Inc. |
|----------------------------------|---------------------------------|
| By: Mille Myla | By: |
| Name: Estelle C. Bakun | Name: Ronald Birkhoff |
| Title: / Vice President | Title: Chief Technology Officer |
| Date: 4/9//# | Date: 4/14/14 |

PATENT REEL: 032726 FRAME: 0879