### 505397182 03/27/2019

# PATENT ASSIGNMENT COVER SHEET

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

#### **CONVEYING PARTY DATA**

| Name                | Execution Date |
|---------------------|----------------|
| DAVID BRUDER        | 02/28/2018     |
| TORBEN HOFEL        | 02/28/2019     |
| BENEDIKT KURZ       | 02/28/2019     |
| MATTHIAS ANDRE      | 02/28/2019     |
| KARLHEINZ BRUDI     | 03/26/2019     |
| ANNE SPINDELNDREHER | 03/09/2019     |
| RICHARD KOLLER      | 02/28/2019     |
| HEINZ ZIMMERMANN    | 03/01/2019     |

#### **RECEIVING PARTY DATA**

| Name:           | LINDE AKTIENGESELLSCHAFT |
|-----------------|--------------------------|
| Street Address: | KLOSTERHOFSTRASSE 1      |
| City:           | MUNCHEN                  |
| State/Country:  | GERMANY                  |
| Postal Code:    | 80331                    |

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

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 16331815 |

#### **CORRESPONDENCE DATA**

**Fax Number:** (216)363-9001

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:** 216.363.9000

Email: uspto@faysharpe.com
Correspondent Name: FAY SHARPE LLP

Address Line 1: 1228 EUCLID AVENUE, 5TH FLOOR

Address Line 2: THE HALLE BUILDING
Address Line 4: CLEVELAND, OHIO 44115

| ATTORNEY DOCKET NUMBER: | HKUD 200015US01      |
|-------------------------|----------------------|
| NAME OF SUBMITTER:      | SCOTT A. MCCOLLISTER |
| SIGNATURE:              | /smc/                |

| DATE SIGNED:   | 03/27/2019           |  |
|--|----------------------|--|
| Total Attachments: 5                                 |                      |  |
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Mec. Ass. Co

#### **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned, David Bruder of Munich, Germany; Torben Hofel of Munich, Germany; Benedikt Kurz of Munich, Germany; Karlheinz Brudi of Neubiberg, Germany; Matthias Andre of Munich, Germany; Anne Spindelndreher of Penzberg, Germany; Richard Koller of Munich, German and Heinz Zimmermann of Munich, Germany

who has/have created a certain invention for which an application for United States Letters Patent has been

|    |          | executed concurrently herewith  |
|----|----------|---|
|    |          | executed on   |
|    |          | filed as U.S. Serial No. on   |
|    | Ħ        | filed as International Application No. PCT/EP2017/072600 on September |
| 8, | 2017 and | s entitled  |

## METHOD AND SYSTEM FOR PRODUCING BENZENE

Do hereby sell, assign and transfer to Linde Aktiengesellschaft, having a place of business at Klosterhofstrasse 1, Munchen 80331, (hereinafter Assignee) its successors, assigns, and legal representatives, the full and exclusive right, title, and interest in and to said invention and said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, reexaminations, extensions thereof, and all other forms of protection relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions agreements, acts, and treaties;

Agree that said Assignee may apply for and receive Letters Patent for said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reexaminations, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for

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vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Assignee to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature(s) on the date(s) indicated below.

| 1) Demonstration            | 28 2 49  |
|-----------------------------|----------|
| David Bruder                | Date     |
| Torben Hofel                | <u> </u> |
| 16 Mas                      | <u> </u> |
| Benedikt Kurz               | Date     |
| Karlheinz Brudi             | Date     |
| M. Idneline  Matthias Andre | 28.02.19 |
| Matthias Andre              | Date     |
| Anne SpindeIndreher         | Date     |
| Richard Koller              | Date     |
| Heinz Zimmermann            | Date     |

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Consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Assignee to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature(s) on the date(s) indicated below.

| David Bruder        | Date       |
|---------------------|------------|
| Torben Hofel        | Date       |
| Benedikt Kurz       | Date       |
| Yalleur- Brol       | 26.03.2019 |
| Karlheinz Brudi     | Date       |
| Matthias Andre      | Date       |
| Anne SpindeIndreher | Date       |
| Richard Koller      | Date       |
| Heinz Zimmermann    | Date       |

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| David Bruder                         | Date                          |
|--------------------------------------|-------------------------------|
| Torben Hofel                         | Date                          |
| Benedikt Kurz                        | Date                          |
| Karlheinz Brudi                      | Date                          |
| Matthias Andre                       | Date                          |
| A. Spinduludulus Anne Spindelndreher | <u> </u>                      |
| Richard Koller                       | <u>28 . 02 . 2019</u><br>Date |
| Heinz Zimmermann                     | Date                          |

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Mar. 215 08

Attorney Docket No. HKUD 200015US01

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| David Bruder        | Date          |
|---------------------|---------------|
| Torben Hofel        | Date          |
| Benedikt Kurz       | Date          |
| Karlheinz Brudi     | Date          |
| Matthias Andre      | Date          |
| Anne Spindelndreher | Date          |
| Richard Koller      | Date          |
| 1. Zinnerneum       | Manch 1, 2016 |
| Heinz Zimmermann    | Date          |

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PATENT REEL: 048717 FRAME: 0709

**RECORDED: 03/27/2019**