PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6887729

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| ADAM M. JOHNS | 06/03/2020 |
| JESSICA R. HERRON | 06/19/2020 |
| RICHARD L. PEDERSON | 06/03/2020 |
| BRYAN A. FIAMENGO | 06/15/2020 |
| JENNIFER A. BEERMAN | 06/04/2020 |
| TZU PIN LIN | 12/17/2019 |
| CRYSTAL K. CHU | 01/18/2020 |
| ROBERT H. GRUBBS | 05/28/2020 |

RECEIVING PARTY DATA

| Name: | UMICORE AG & CO. KG |
|-------------------|------------------------------------|
| Street Address: | RODENBACHER CHAUSSEE 4 |
| City: | HANNAU-WOLFGANG |
| State/Country: | GERMANY |
| Postal Code: | 63457 |
| Name: | CALIFORNIA INSTITUTE OF TECHNOLOGY |
| Street Address: | 1200 EAST CALIFORNIA BOULEVARD |
| Internal Address: | M/C 6-32 |
| City: | PASADENA |
| State/Country: | CALIFORNIA |
| Postal Code: | 91125 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 17459089 |

CORRESPONDENCE DATA

Fax Number: (302)351-6938

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: 3024674200

Email: docketing-wm@faegredrinker.com

PATENT REEL: 057309 FRAME: 0922 Correspondent Name: FAEGRE DRINKER BIDDLE & REATH LLP (WM)
Address Line 1: ATTN: INTELLECTUAL PROPERTY GROUP

Address Line 2: ONE LOGAN SQUARE, SUITE 2000

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103-6996

| ATTORNEY DOCKET NUMBER: | 213612-US-000008 | |
|-------------------------|--------------------|--|
| NAME OF SUBMITTER: | CLAUDIA SCHULTZE | |
| SIGNATURE: | /Claudia Schultze/ | |
| DATE SIGNED: | 08/27/2021 | |

Total Attachments: 2

source=Assignments_inventors_Umicore_CaltechPARENT#page1.tif source=Assignments_inventors_Umicore_CaltechPARENT#page2.tif

> PATENT REEL: 057309 FRAME: 0923



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 3, 2020

PTAS

FAEGRE DRINKER BIDDLE REATH LLP 222 DELAWARE AVE SUITE 1410 WILMINGTON, DE 19801-1621

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RECORDATION DATE: 07/02/2020 REEL/FRAME: 053109/0867

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DOCKET NUMBER: 213612-0021-01-US-600220

ASSIGNOR:

JOHNS, ADAM M DOC DATE: 06/03/2020

ASSIGNOR:

HERRON, JESSICA R DOC DATE: 06/19/2020

ASSIGNOR:

PEDERSON, RICHARD L DOC DATE: 06/03/2020

ASSIGNOR:

FIAMENGO, BRYAN A DOC DATE: 06/15/2020

ASSIGNOR:

BEERMAN, JENNIFER A DOC DATE: 06/04/2020

ASSIGNOR:

LIN, TZU PIN DOC DATE: 12/17/2019

ASSIGNOR:

CHU, CRYSTAL K DOC DATE: 01/18/2020

P.O. Box 1450, Alexandria, Virginia 22313-1450 - WWW.USPTO.GOV PATENT

REEL: 057309 FRAME: 0924

ASSIGNOR:

GRUBBS, ROBERT H DOC DATE: 05/28/2020

ASSIGNEE:

UMICORE AG & CO. KG RODENBACHER CHAUSSEE 4 HANNU-WOLFGANG, GERMANY 63457

ASSIGNEE:

CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD M/C 6-32

PASADENA, CALIFORNIA 91125

APPLICATION NUMBER: 16919704 FILING DATE: PATENT NUMBER: ISSUE DATE:

TITLE: SYNTHESIS AND CHARACTERIZATION OF RU ALKYLIDENE COMPLEXES

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

PATENT REEL: 057309 FRAME: 0925

RECORDED: 08/27/2021