PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2811425

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| MANUELA GAAB | 11/14/2013 |
| CHRISTIAN EICHHOLZ | 11/19/2013 |
| MILAN KOSTUR | 11/14/2013 |
| ULRICH MULLER | 11/14/2013 |
| STEFAN MAURER | 11/14/2013 |

RECEIVING PARTY DATA

| Name: | BASF SE | |
|-----------------|-----------------------|--|
| Street Address: | CARL-BOSCH-STRASSE 38 | |
| City: | LUDWIGSHAFEN | |
| State/Country: | GERMANY | |
| Postal Code: | 67056 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14169902 |

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Email: Imurphy@dsiplaw.com
Correspondent Name: SERVILLA WHITNEY LLC
Address Line 1: 33 WOOD AVENUE SOUTH
Address Line 2: SECOND FLOOR, SUITE 210
Address Line 4: ISELIN, NEW JERSEY 08830

| ATTORNEY DOCKET NUMBER: PF74347 SE/DRO | | |
|---|--|--|
| NAME OF SUBMITTER: ROBERT JOSEPH KROCZYNSKI | | |
| SIGNATURE: | /Robert Joseph Kroczynski, Reg. #53160/ | |
| DATE SIGNED: 04/11/2014 | | |
| | This document serves as an Oath/Declaration (37 CFR 1.63). | |

Total Attachments: 5

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PATENT

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| source=00434004#page5.tif | | |

Title of Me Invention

Metal-Organic Framework Extrudates With High Density and Tunable Pore Volume

As the below named inventor, I hereby declare that:

This declaration

[X] The attached application, or

is directed to:

[x] United States application or PCT international application number 14/169,902

filed on January 31, 2014

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, BASF SE having places of business at: 67056 Ludwigshafen, Germany,

(hereinafter referred to as "ASSIGNEE(S)")

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries:

NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR

Inventor:

Manuela Gaab

Date: 14, 11, 2013

Signature: <u>Allantola fizale</u>

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| 8 | E CAL | BIAKEE | COE IND | VENITOR |
|---|-------|--------|---------|---------|

Inventor:

Christian Eichholz

Date: 77 7/200

Signature:

| Title of | Metal-Organic Framev | vork Extrudates With Hig | h Density and Tunable | e Pore Volume |
|-----------|---|--------------------------|-----------------------|---|
| Invention | | | * | |
| ~~~~~~~ | *************************************** | | | *************************************** |

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| LEGAL NAME OF INVENTOR | | | |
|------------------------|--------------|-------|--|
| Inventor: | Milan Kostur | V.A | Date: <u>/ </u> |
| Signature:_ | XXV | 4/4/4 | and the second s |

| Title of | Metal-Organic Framework Extrudates With High Density and Tunable Pore Volume |
|-----------|--|
| Invention | č , |

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| LEGAL NAME OF INVENTOR | | | | |
|------------------------|---------------|----|------------------|--|
| Inventor: | Ulrich Müller | 1 | Date: 14.74.7013 | |
| Signature: | | 4/ | | |
| Olghatare. | | | | |

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| | ME OF INVENTOR | |
|------------|----------------|----------------|
| Inventor: | Stefan Maurer | Date: 14,11 13 |
| Signature: | Stefan_ | |

PATENT REEL: 032658 FRAME: 0893

RECORDED: 04/11/2014