## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

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

## **CONVEYING PARTY DATA**

| Name               | Execution Date |
|--------------------|----------------|
| Marc ARMBRUESTER   | 03/04/2010     |
| Marcus SCHMIDT     | 03/08/2010     |
| Kirill KOVNIR      | 03/16/2010     |
| Matthias FRIEDRICH | 03/04/2010     |
| Karina WEINHOLD    | 03/15/2010     |
| Juri GRIN          | 03/16/2010     |
| Robert SCHLOEGL    | 03/20/2010     |

#### **RECEIVING PARTY DATA**

| Name:           | Max-Planck-Gessellschaft zur Foerderung der Wissenschaften E.V. |
|-----------------|---|
| Street Address: | Hofgartenstrasse 8  |
| City:           | Munich  |
| State/Country:  | GERMANY   |
| Postal Code:    | 80539   |

## PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 12678774 |

## **CORRESPONDENCE DATA**

Fax Number: (248)641-0270

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

 Phone:
 248-641-1600

 Email:
 jogg@hdp.com

Correspondent Name: HARNESS, DICKEY & PIERCE, P.L.C.

Address Line 1: P.O. BOX 828

Address Line 4: BLOOMFIELD HILLS, MICHIGAN 48303

ATTORNEY DOCKET NUMBER: 15503-000010/US/NP

PATENT

REEL: 024378 FRAME: 0811

126/8//4

ICH \$40.00

501175056

| NAME OF SUBMITTER:   | Robert M. Siminski |
|--|--------------------|
| Total Attachments: 6 source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif source=Executed_Assignment#page3.tif source=Executed_Assignment#page4.tif source=Executed_Assignment#page5.tif source=Executed_Assignment#page6.tif |                    |

PATENT REEL: 024378 FRAME: 0812

Atty, Docket No. 15503-000010/US/NP

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

# USE OF A MIXTURE OF AN ORDERED INTERMETALLIC COMPOUND AND AN INERT MATERIAL AS A CATALYST AND CORRESPONDING HYDROGENATION PROCESSES

WHEREAS, Max-Planck-Gesellschaft zur Foerderung der Wissenschaften E.V., hereinafter referred to as Assignee, having an address at: Hofgartenstrasse 8, 80539 Munich, Germany is desirous of acquiring all right, title, and interest therein:

NOW. THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor agrees to, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the invention as described in the aforesaid application and all United States Letters Patent which may be granted therefore, and all divisions, continuations, reissues, reexaminations and extensions thereof, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, reexamination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth:

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

The undersigned hereby grant(s) the law firm of Harness, Dickey & Pierce, P.L.C. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Page 1 of 3

|                       | ASSIGNMENT                             | (Petra Nowah)                           | (Margot Pester,                                  |
|-----------------------|--|---|--|
| Link                  |  | Ru U                                    | Telle  |
| Merc ARMBRUESTER      |  | Witness                                 | U 2 10   |
| 04.03.7010<br>Dated   |  | <u>U9. U3. 2.34</u><br>Witness          | [ Lug ract Paster)                               |
| In. Mr. che           |  | Witness 04.03.231 Witness (Petra Nowak) | Jr. Terle  |
| Marcus SCHMIDT        |  | Witness                                 | ·  |
| OF. 03. 2010<br>Dated |  | Witness  OR 03 201  Witness             | 0 8.3.10   |
| Kirill KOVNIR         |  | Witness                                 |  |
| Dated                 |  | Witness (Petra Nowak) Witness           | (Hargot Pester)                                  |
| M. Fre C              |  | Re. O                                   | Gr. Herter                                       |
| Matthias FRIEDRICH    | <del>ng gapan ang makan Biranana</del> | Witness                                 | <del>-                                    </del> |
| 04.03.2010<br>Dated   |  | 09.03.2013<br>Witness                   | <u>, 4.</u> 3.10                                 |
|                       |  |   |  |
| Karina WEINHOLD       |  | Witness                                 | and any own will define the same                 |
| Dated                 |  | Witness                                 |  |

| ASSIGNMENT      |                        |  |
|-----------------|------------------------|--|
|                 | (Petra Nowah)          |  |
| J. Oes          | ← hu C                 |  |
| Juri GRIN       | N Witness              |  |
| 16.03.2010      | 16.03. 2010            |  |
| Dated           | Witness                |  |
|                 | Witness (Margot Pester |  |
|                 | Textor (1.50)          |  |
| Robert SCHLOEGL | Witness                |  |
|                 | 16.03.2010             |  |
| Dated           | Witness                |  |
|                 |                        |  |
|                 |                        |  |
|                 | i e                    |  |

| Marc ARMBRUESTER                         | Witness  |
|--|--|
| Dated                                    | Witness  |
| Marcus SCHMIDT                           | Witness  |
| Dated                                    | Witness  |
| Kirili KOVNIK<br>MARCH 16, 2010<br>Dated | Corey Thompson Creethury Witness  Yulia Zaikina S  Witness |
| Matthias FRIEDRICH                       | Witness  |
| Dated                                    | Witness  |
| Karina WEINHOLD                          | Witness  |
| Dated                                    | Witness  |

| Marc ARMBRUESTER            | Witness  |
|-----------------------------|--|
| Dated                       | Witness  |
| Marcus SCHMIDT              | Witness  |
| Dated                       | Witness  |
| Kirili KOVNIR               | Witness  |
| Dated .                     | Witness  |
| Matthias FRIEDRICH          | Witness  |
| Dated                       | (Margot Pester)  |
| Karina WeinHold  15:08:2010 | (Margot Pester)  Peter 15,3.2010  Witness  (CC 15,3.2010 |
| Dated                       | Witness (Petra Nowak)                                    |

| Juri GRIN       | Witness                                |
|-----------------|--|
| Dated           | Witness Dorothea Damm, Berlin, 20.3.10 |
| 18              | J. Dell                                |
| Robert SCHLOEGL | Witness A                              |
| 20,3,2010       | Dr. Sabine Wrabetz<br>Berlin, 20.3.10  |
| Dated           | Witness                                |

**RECORDED: 05/13/2010**