

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| MEHUL THATHAGAR | 02/04/2016 |
| MICHEL GOLDBACH | 01/14/2016 |
| PETER POECHLAUER | 01/14/2016 |
| RAFAEL WILHELMUS ELISABETH GHISLAIN REINTJENS | 01/14/2016 |
| RECEIVING PARTY DATA | |
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| Street Address: | HERENGRACHT 483 |
| City: | AMSTERDAM |
| State/Country: | NETHERLANDS |
| Postal Code: | 1017 BT |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14899445 |
| CORRESPONDENCE DATA | |
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| NAME OF SUBMITTER: | RAYMOND G. ARNER |
| SIGNATURE: | /Raymond G. Arner/ |
| DATE SIGNED: | 10/17/2016 |
| Total Attachments: 4 | |
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| source=W5370588#page3.tif | |

ASSIGNMENT OF PATENT APPLICATION

(Inventors) Mehul Thathagar
 Peter Poechlauer
 Rafael Wilhelmus Elisabeth Ghislain Reintjens
 Michel Goldbach

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) DPx Holdings B.V. of Herengracht 483, Amsterdam, NL, 1017 BT, (hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries) in the invention, and all application(s) for patent and any Letters Patent which may be granted therefore, known as

(Title) PREPARATION OF GRIGNARD REAGENTS USING A FLUIDIZED BED

For which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on or has already filed in

U.S. Appl. No. 14/899,445 filed on December 17, 2015

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

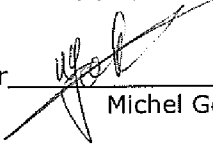
The undersigned hereby authorize(s) and request(s) the Commission of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of Pierce Atwood LLP, 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 United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys, Pierce Atwood LLP have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signatures.

Date Jan 14, 2016

Signature of Inventor


 Michel Goldbach

ASSIGNMENT OF PATENT APPLICATION

(Inventors) Mehul Thathagar
 Peter Poechlauer
 Rafael Wilhelmus Elisabeth Ghislain Reintjens
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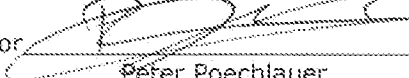
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signatures.

Date JAN 14, 2016 Signature of Inventor 
 Peter Poechlauer

ASSIGNMENT OF PATENT APPLICATION

(Inventors) Mehul Thathagar
 Peter Poechlauer
 Rafael Wilhelmus Elisabeth Ghislain Reintjens
 Michel Goldbach

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signatures.

Date 19 Jan 2016

Signature of Inventor

Rafael Wilhelmus Elisabeth Ghislain Reintjens

ASSIGNMENT OF PATENT APPLICATION

(Inventors) Mehul Thathagar
 Peter Poechlauer
 Rafael Wilhelmus Elisabeth Ghislain Reintjens
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Date 04/02/2016 Signature of Inventor Mehul Thathagar

{WS274672.1}

PATENT

RECORDED: 10/18/2016

REEL: 040041 FRAME: 0386