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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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EPAS ID: PAT4173398

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                    |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                        |
| <b>CONVEYING PARTY DATA</b>   |                                   |
| <b>Name</b>   | <b>Execution Date</b>             |
| MARC MAURER   | 11/08/2016                        |
| MATHIEU SKRZYPCZAK  | 11/21/2016                        |
| <b>RECEIVING PARTY DATA</b>   |                                   |
| <b>Name:</b>  | OMYA INTERNATIONAL AG             |
| <b>Street Address:</b>  | BASLERSTRASSE 42                  |
| <b>City:</b>  | 4665 OFTRINGEN                    |
| <b>State/Country:</b>   | SWITZERLAND                       |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                   |
| <b>Property Type</b>  | <b>Number</b>                     |
| <b>Application Number:</b>  | 15302652                          |
| <b>CORRESPONDENCE DATA</b>  |                                   |
| <b>Fax Number:</b>  | (212)336-8001                     |
| <i>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.</i> |                                   |
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| <b>Email:</b>   | PTODOCKET@ARELAW.COM              |
| <b>Correspondent Name:</b>  | AMSTER, ROTHSTEIN & EBENSTEIN LLP |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 68219/534                         |
| <b>NAME OF SUBMITTER:</b>   | CRAIG J. ARNOLD                   |
| <b>SIGNATURE:</b>   | /Craig J. Arnold/                 |
| <b>DATE SIGNED:</b>   | 12/07/2016                        |
| <b>Total Attachments: 3</b>   |                                   |
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| source=ExecutedAssignmentOmya#page2.tif   |                                   |
| source=ExecutedAssignmentOmya#page3.tif   |                                   |

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNORS:

Full Name of Inventor: Marc Maurer  
Residence: 8 rue de la Pyramide, 68128 Village-Neuf, France  
Citizenship: FR

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Full Name of Inventor: Mathieu Skrzypezak  
Residence: 716 Myrtle Avenue, Terrace Park, Ohio 45174, US  
Citizenship: FR

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hereby sell, assign, and transfer to ASSIGNEE:

Onya International AG  
Baslerstrasse 42  
4665 Oftringen  
Switzerland

and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest for the United States and its territorial possessions, and in all foreign countries and regions, including all rights to claim priority, in and to the invention entitled:

PRODUCTION OF PCC

that was invented by ASSIGNORS, and which is found in U.S. Patent Application No. 15/302,652, which is the U.S. National Phase of PCT Application No. PCT/EP2015/059605, filed April 30, 2015 and which claims priority to European Application No. 14166751.9, filed April 30, 2014 and U.S. Provisional Application No. 62/090,466, filed December 11, 2014, and any legal equivalent thereof in any foreign country or region, including the right to claim priority, including any and all improvements disclosed therein, and in and to all Letters Patent to be obtained for said invention by the above application, or any continuation, divisional, renewal, or substitute thereof, and, as to Letters Patent, any reissue or re-examination thereof.

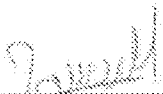
ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been, or will be, made or entered into which would conflict with this Assignment.

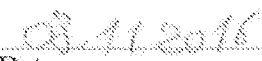
ASSIGNORS authorize ASSIGNEE to make applications for, and to receive, Letters Patent for said invention in any of said countries or regions, in ASSIGNEE'S name, or in ASSIGNORS' names, at ASSIGNEE'S election.

ASSIGNORS covenant and agree to execute or procure any further necessary assurance of the title to said invention, and any Letters Patent which may issue therefor, and to, at any time, upon the request and at the expense of ASSIGNEE, deliver any testimony in any interference, derivation proceeding, litigation, or proceeding related thereto, and to execute all papers that may be necessary or desirable to perfect the title to said invention, or any Letters Patent which may be granted therefor in ASSIGNEE, its successors, assigns, or other legal representatives, and to, at any time, upon the request and at the expense of ASSIGNEE, execute any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and, as to Letters Patent, any reissue or re-examination or post-issuance proceeding thereof, or any other additional applications for Letters Patent for said invention or any part thereof, in any of said countries or regions, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNORS authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States for said invention, resulting from the aforesaid application, to said Omya International AG, as its ASSIGNEE.

WITNESS our hands and seals on:

  
.....  
Marc Maurer

  
.....  
Date

.....  
Mathieu Skrzypczak

.....  
Date

2013-11-16

Docket No. 68219/534  
U.S. Patent Application No. 15/302,652

ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been, or will be, made or entered into which would conflict with this Assignment.

ASSIGNORS authorize ASSIGNEE to make applications for, and to receive, Letters Patent for said invention in any of said countries or regions, in ASSIGNEE'S name, or in ASSIGNORS' names, at ASSIGNEE'S election.

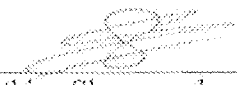
ASSIGNORS covenant and agree to execute or procure any further necessary assurance of the title to said invention, and any Letters Patent which may issue therefor, and to, at any time, upon the request and at the expense of ASSIGNEE, deliver any testimony in any interference, derivation proceeding, litigation, or proceeding related thereto, and to execute all papers that may be necessary or desirable to perfect the title to said invention, or any Letters Patent which may be granted therefor in ASSIGNEE, its successors, assigns, or other legal representatives, and to, at any time, upon the request and at the expense of ASSIGNEE, execute any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and, as to Letters Patent, any reissue or re-examination or post-issuance proceeding thereof, or any other additional applications for Letters Patent for said invention or any part thereof, in any of said countries or regions, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns, or other legal representatives.

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