

PATENT ASSIGNMENT

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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>
Bahman Tavakkoli	06/20/2011
Thomas Mangelberger	06/24/2011
Matthias Reisinger	06/30/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Omya Development AG
<b>Street Address:</b>	Baslerstrasse 42
<b>City:</b>	Oftringen
<b>State/Country:</b>	SWITZERLAND
<b>Postal Code:</b>	CH-4665
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12998856
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<b>NAME OF SUBMITTER:</b>	Craig J. Arnold
<b>Total Attachments: 3</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

CH \$40.00 12998856

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:

- (1) Full Name of Inventor: Bahman Tavakkoli  
Residence: Zauchenweg 8, A-9722 Puch, Austria  
Citizenship: German
- 
- (2) Full Name of Inventor: Thomas Mangelberger  
Residence: E. Schrödinger Strasse 32, A-9500 Villach, Austria  
Citizenship: Austrian
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- (3) Full Name of Inventor: Matthias Reisinger  
Residence: 8 rue Barbé de Marbois, Appartement 7, F-57000 Metz, France  
Citizenship: Austrian
- 

hereby sell, assign, and transfer to ASSIGNEE:

Omya Development AG  
Baslerstrasse 42  
CH-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:

**METHOD FOR SEPARATING MINERAL IMPURITIES FROM  
CALCIUM CARBONATE-CONTAINING ROCKS BY X-RAY SORTING**

that was invented by ASSIGNORS, and which is found in the U.S. National Phase of PCT Application No. PCT/EP2009/067319, filed December 16, 2009, which claims priority to European Application No. 08172445.2, filed December 19, 2008 and U.S. Provisional Application No. 61/205,207, filed January 16, 2009, 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, 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 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 Development AG, as its ASSIGNEE.

WITNESS our hands and seals on:

*Bahman Tavakkoli*

Bahman Tavakkoli

*20.06.2011*

Date

*Thomas Mangelberger*

Thomas Mangelberger

*24.06.2011*

Date

*Matthias Reisinger*

Matthias Reisinger

*30.06.2011*

Date