

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Emmanuel Villard</td> <td>09/03/2012</td> </tr> <tr> <td>Olivier Watt</td> <td>09/12/2012</td> </tr> <tr> <td>Horacio Naranjo</td> <td>09/03/2012</td> </tr> <tr> <td>David Rinaldi</td> <td>09/12/2012</td> </tr> <tr> <td>Alain Jacquet</td> <td>09/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Emmanuel Villard	09/03/2012	Olivier Watt	09/12/2012	Horacio Naranjo	09/03/2012	David Rinaldi	09/12/2012	Alain Jacquet	09/03/2012
Name	Execution Date												
Emmanuel Villard	09/03/2012												
Olivier Watt	09/12/2012												
Horacio Naranjo	09/03/2012												
David Rinaldi	09/12/2012												
Alain Jacquet	09/03/2012												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>LAFARGE</td> </tr> <tr> <td>Street Address:</td> <td>61 Rue des Belles Feuilles</td> </tr> <tr> <td>City:</td> <td>Paris</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>75116</td> </tr> </table>		Name:	LAFARGE	Street Address:	61 Rue des Belles Feuilles	City:	Paris	State/Country:	FRANCE	Postal Code:	75116		
Name:	LAFARGE												
Street Address:	61 Rue des Belles Feuilles												
City:	Paris												
State/Country:	FRANCE												
Postal Code:	75116												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13582138</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13582138								
Property Type	Number												
Application Number:	13582138												
CORRESPONDENCE DATA													
Fax Number:	7037707901												
Phone:	703-770-7900												
Email:	fabienne.legrand@pillsburylaw.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Pillsbury Winthrop Shaw Pittman, LLP (NV)												
Address Line 1:	PO Box 10500												
Address Line 4:	McLean, VIRGINIA 22102												
ATTORNEY DOCKET NUMBER:	035112-0417475												
NAME OF SUBMITTER:	Christophe F. Lair												
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif													

CH \$40.00 13582138

Please return signed/recorded to:

Pillsbury Winthrop Shaw Pittman LLP

Intellectual Property Group
P.O. Box 10500
McLean, VA 22102-4859

USA Patent Appl.
Sole or Joint

For Inventions made outside USA
executed with or after application

Atty. Dkt. 035112-0417475	PA10006 PCT/US
M#	Client Ref.

NONPROVISIONAL

**ASSIGNMENT
OF NONPROVISIONAL APPLICATION**

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT NAME(S) OF INVENTOR(S)	(1) Emmanuel Villard	(2) Olivier Watt
	(3) Horacio Naranjo	(4) David Rinaldi
	(5) Alain Jacquet	(6)

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	LAFARGE 61 Rue des Belles Feuilles F-75116 Paris France
---	--

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF INVENTION	PROCESS TO INERT NON-SWELLING CLAYS
-----------------------	-------------------------------------

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → → (A) ☐ even date herewith
(Complete) (B) ☐ on _____
line A, B and/or C (C) ☒ in U.S. Appl. No. 13/582,138 filed August 31, 2012

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop Shaw Pittman LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS1) Name: Emmanuel Villard2) Name: Olivier Watt3) Name: Horacio Naranjo4) Name: David Rinaldi5) Name: Alain Jacquet**DATE
SIGNED**03 September 1212/9/123/9/1212/9/201203-09-12**WITNESSES**F. BichetteF. BichetteF. BichetteF. BichetteF. Bichette