

PATENT ASSIGNMENT

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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>Carl A. HAMPSON</td> <td>12/05/2011</td> </tr> <tr> <td>Benedicte PACOREL</td> <td>12/05/2011</td> </tr> </tbody> </table>		Name	Execution Date	Carl A. HAMPSON	12/05/2011	Benedicte PACOREL	12/05/2011
Name	Execution Date						
Carl A. HAMPSON	12/05/2011						
Benedicte PACOREL	12/05/2011						
RECEIVING PARTY DATA							
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Street Address:	Rue de Maestricht 95						
City:	Vise						
State/Country:	BELGIUM						
Postal Code:	B-4600						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>EP1157364</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	EP1157364		
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PCT Number:	EP1157364						
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NAME OF SUBMITTER:	Thomas E. Jackson						
Total Attachments: 2 source=216495Assignment#page1.tif source=216495Assignment#page2.tif							

CH \$40.00 EP1157364

PATENT ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,

Name(s) of Inventor(s) Carl A. HAMPSON, and
Benedicte PACOREL

Check applicable boxes and enter serial PCT if available
maker(s) of an invention which is the subject of a International Application Serial No PCT/EP2011/057364, filed May 7, 2011 entitled

Title of Application CARBOHYDRATE BINDERS AND MATERIALS MADE THEREWITH
hereinafter (the "Application(s)")

the undersigned hereby sell(s), assign(s), and set(s) over to

Name of Assignee KNAUF INSULATION
Address of principal place of business Rue de Maestricht 95
B-4600 Visé Belgium

Insert State of Incorporation (if applicable) or "Not Applicable"
a corporation of Belgium

(hereinafter designated as the Assignee) their entire right, title and interest in, to and under the Application(s), including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada and Mexico, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reissue(s), reexamination(s) thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and 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.

PCT APPLICATION
ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

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

The undersigned hereby grant(s) the attorney of record 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 and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at ST HELENS UK
this 5th day of DECEMBER, 2011.

Outside the USA:
Witnesses are
required when
acknowledgment
before a Notary
Public is not
feasible.

J.R. Jackson
Witness (J. R. JACKSON)

C. A. Hampson
Inventor (Signature)

J. Molyneux
Witness (J. MOLYNEUX)

Carl A. HAMPSON
Inventor (Printed Name)

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Witness (J. R. JACKSON)

Benedicte Pacorel
Inventor (Signature)

J. Molyneux
Witness (J. MOLYNEUX)

Benedicte PACOREL
Inventor (Printed Name)

My Commission Expires: _____

Resident of _____ County