

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>Kelly A. Shoemake</td> <td>04/13/2012</td> </tr> <tr> <td>Robert A. Breyer</td> <td>04/11/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kelly A. Shoemake	04/13/2012	Robert A. Breyer	04/11/2012
Name	Execution Date						
Kelly A. Shoemake	04/13/2012						
Robert A. Breyer	04/11/2012						
RECEIVING PARTY DATA							
Name:	Georgia-Pacific Chemicals LLC						
Street Address:	133 Peachtree Street NE						
City:	Atlanta						
State/Country:	GEORGIA						
Postal Code:	30303						
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>13412208</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13412208		
Property Type	Number						
Application Number:	13412208						
CORRESPONDENCE DATA							
Fax Number:							
Phone:	404-652-5581						
Email:	vlmccull@gapac.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:	Vickie McCullough						
Address Line 1:	Georgia Pacific LLC						
Address Line 2:	133 Peachtree Street NE						
Address Line 4:	Atlanta, GEORGIA 30303						
ATTORNEY DOCKET NUMBER:	20681 INDUSTRIAL RESINS						
NAME OF SUBMITTER:	Vickie McCullough						
Total Attachments: 3 source=20681AGN#page1.tif source=20681AGN#page2.tif source=20681AGN#page3.tif							

CH \$40.00 13412208

ASSIGNMENT

WHEREAS, WE, Kelly A. Shoemake, a citizen of the United States of America residing at 2132 Oakawana Drive, Atlanta, Georgia 30345; and Robert A. Breyer, a citizen of the United States of America residing at 2840 Livsey Trail, Tucker, Georgia 30084 ("Assignors"), have invented certain new and useful improvements in "TWO PHASE BINDER COMPOSITIONS AND METHODS FOR MAKING AND USING SAME" for which we filed an application for letters patent of the United States on March 5, 2012, and which was accorded Serial No. 13/412,208 ("Application"); and

WHEREAS, Georgia-Pacific Chemicals LLC, a limited liability company duly organized under the laws of the State of Delaware, having a place of business at 133 Peachtree Street, N.E., Atlanta, Georgia 30303 ("GPC"), is desirous of acquiring the entire right, title and interest in and to the aforesaid invention, Application, any patent application relating to the aforesaid invention, any patent application claiming the benefit of the filing date of the Application and in and to any letters patent of the United States of America or any foreign country which may be granted thereon or therefor;

NOW, THEREFORE, be it known that for good and valuable consideration, including our employment by GPC, the receipt and sufficiency of which is hereby acknowledged, Assignors by these presents do hereby sell, assign, and transfer unto GPC, its successors, legal representatives, and assigns the full and exclusive right in and to the invention as described in the Application, and the entire right, title, and interest in and to the Application, any and all patent applications relating to the aforesaid invention, any and all patent applications claiming the benefit of the filing date of the Application, and any and all letters patent which may be granted therefor in the United States of America and its territorial possessions, and in any and all foreign countries, and in and to any and all divisions, continuations, continuations-in-part, reexaminations, reissues, extensions, substitutions and renewals thereof; to the full end of the term for which said letters patent may be granted, the same to be held and enjoyed by GPC, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment had not been made;

AND ASSIGNORS HEREBY authorize and request the Commissioner for Patents or any other proper officer or agency of any country whose duty it is to issue patents on applications as described above, to issue all said letters patent to GPC, as assignee;

AND ASSIGNORS HEREBY warrant and covenant that we have full right to convey the entire interest herein assigned and that we have not executed and will not execute any instrument or assignment in conflict with this Assignment;

AND ASSIGNORS HEREBY agree to communicate to GPC or its representatives any facts known to us respecting said invention and/or Application, to execute all divisional, continuation, continuation-in-part, reexamination, reissue and foreign applications, sign all lawful documents and make all rightful oaths and

declarations relating to said invention and/or Application, and to testify in any judicial or administrative proceeding and generally do everything possible to aid GPC to secure full and complete protection for the invention and/or Application or that may be necessary to vest in GPC the complete title to the invention and/or Application hereby conveyed and to enable it to record said title and enforce said letters patent in the United States of America or any foreign country when requested so to do by GPC.

IN WITNESS WHEREOF, we have hereunto set our hands on the dates as set forth below.

Kelly A. Shoemake
Kelly A. Shoemake

State of Georgia)
County of Dekalb) ss:

On this 13 day of April, 2012, before me a Notary Public in and for the County and State aforesaid, personally appeared Kelly A. Shoemake, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument and acknowledged the same to be of her free act and deed.

Notary Public Danna Gutknecht

My Commission Expires: 7-28-12

(SEAL)

DANNA GUTKNECHT
NOTARY PUBLIC, ROCKDALE COUNTY, GEORGIA
MY COMMISSION EXPIRES 7/28/2012

Robert A. Breyer
Robert A. Breyer

State of Georgia)
County of DeKalb) ss:

On this 11 day of April, 2012, before me a Notary Public in and for the County and State aforesaid, personally appeared Robert A. Breyer, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument and acknowledged the same to be of his free act and deed.

Notary Public Danna Gutknecht

My Commission Expires: 7-28-2012

(SEAL)

~~JANNA J. KNECHT
NOTARY PUBLIC, ROCKDALE COUNTY, GEORGIA
MY COMMISSION EXPIRES 7/28/2012~~

DANNA GUTKNECHT
NOTARY PUBLIC, ROCKDALE COUNTY, GEORGIA
MY COMMISSION EXPIRES 7/28/2012