PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Everett Crews	04/22/2013
Tom Girardeau	09/06/2013
lain Jack	04/28/2013

RECEIVING PARTY DATA

Name:	MeadWestvaco Corporation	
Street Address:	501 South 5th Street	
City:	Richmond	
State/Country:	VIRGINIA	
Postal Code:	23219-0501	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	13866166
Application Number:	13309622

CORRESPONDENCE DATA

Fax Number: 8667637155

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 301-498-3269

Email: docketadministrator@mwv.com

Correspondent Name: Donald G. Bauer

Address Line 1: 501 South 5th Street, 3rd Floor
Address Line 2: MWV Attn: IP Law Group - Patents
Address Line 4: Richmond, VIRGINIA 23219-0501

Signature:	/Donald G. Bauer/
NAME OF SUBMITTER:	Donald G. Bauer
ATTORNEY DOCKET NUMBER:	0335-USCON4 AND 0335-US2C

502489659 REEL: 031175 FRAME: 0792

IOP \$80.00 13866166

Date:	09/10/2013
Total Attachments: 4 source=0335-USCON4-ASG-signed-091013 source=0335-USCON4-ASG-signed-091013 source=0335-USCON4-ASG-signed-091013	#page2.tif #page3.tif

PATENT REEL: 031175 FRAME: 0793

ASSIGNMENT BY INVENTOR

WHEREAS, I,

Everett Crews, a citizen of The United States of America, residing at 1191 Fort Lamar Road, Charleston, SC 29412;

Tom Girardeau, a citizen of The United States of America, residing at 1524 Windermere Road # 104, West Chester, PA 19380; and

Iain Jack, a citizen of South Africa and Great Britain, residing at 202 E. Forrest Feezor Street, Vail, AZ 85641,

(now hereafter referred to as Assignor(s)), has invented certain new and useful <u>BITUMINOUS</u> <u>COMPOSITION</u> for which an application for letters patent of United States was filed on <u>April 19, 2013</u> as Application No. <u>13/866166</u> which is a continuation of an application for letters patent of United States was filed on <u>December 2, 2011</u> as Application No. <u>13/309,622</u>.

AND WHEREAS, MeadWestvaco Corporation, a corporation of the State of Delaware, having its place of business at 501 South 5th Street, Richmond, VA 23219-0501, (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and in and to any letters patent that may be obtained therefore and thereon.

NOW, THEREFORE, with good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor(s) hereby sell, assign, transfer and set over unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application and any application claiming priority therefrom, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended. And for the same consideration, Assignor(s) hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Utility application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of

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any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

Furthermore, Assignor(s) hereby grants the following individuals 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:

MEADWESTVACO CORPORATION

All practitioners associated with United States Patent Office Customer Number 66061

AND Assignor(s) acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

IN TESTIMONY WHEREOF, I hereunto set n	ny hand this 22 day of April, 2013. Description of April, 2013. Description of April, 2013.
_	Everett Crews Sype or Print Name
WITNESS	
On this 22 nd day of Spul	, 2013, before me personally appeared
Everett Crews, personally known to me, an	nd acknowledged the execution of the foregoing
assignment as his/her free act and deed for the $\frac{1}{S}$	purpose herein set forth. Susan Harris Signature of Witness
_ T	Type or Print Name

IN TESTIMONY WHEREOF, I hereunto set my hand this 6 day of September, 2013.
Jan E Luardeau
Inventor Signature
Tom Girardeau
Type or Print Name
WITNESS
On this day of, 2013, before me personally appeared
Tom Girardeau, personally known to me, and acknowledged the execution of the foregoing
assignment as his/her free act and deed for the purpose herein set forth.
Luism Ryen
Signature of Witness 0
Kristin J. Ryan
Type or Print Name

IN TESTIMONY WHEREOF, I hereunto set my hand this 28th day of, 2013.
Inventor Signature
Iain Jack
Type or Print Name
WITNESS
On this 28th day of APRIL , 2013, before me personally appeared
Iain Jack, personally known to me, and acknowledged the execution of the foregoing assignment
as his/her free act and deed for the purpose herein set forth
Signature of Witness
RENE JACK
Type or Print Name