

# 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>
James E. Sealey	04/08/2011
Brent A. Fields	04/12/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	International Paper Company
<b>Street Address:</b>	6400 Poplar Avenue
<b>City:</b>	MEMPHIS
<b>State/Country:</b>	TENNESSEE
<b>Postal Code:</b>	38197
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13081759
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(513)248-6451
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Email:</b>	jane.tomlinson@ipaper.com
<b>Correspondent Name:</b>	International Paper Company
<b>Address Line 1:</b>	6285 Tri-Ridge Boulevard
<b>Address Line 4:</b>	Loveland, OHIO 45140
<b>ATTORNEY DOCKET NUMBER:</b>	CSP-053038-US ASN
<b>NAME OF SUBMITTER:</b>	Thomas W. Barnes, III
<b>Total Attachments: 3</b> source=110413.executed asn.csp053038us#page1.tif source=110413.executed asn.csp053038us#page2.tif source=110413.executed asn.csp053038us#page3.tif	

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**PATENT**  
**REEL: 026115 FRAME: 0164**

**ASSIGNMENT OF INVENTION AND OF LETTERS PATENT**

WHEREAS, I, **JAMES E. SEALEY**, residing at 219 Shepherds Run Drive, Loveland, Ohio 45140, am a citizen of the UNITED STATES and have invented certain new and useful inventions or improvements relating to **addition of endothermic fire retardants to provide near neutral pH pulp fiber webs**, for which I have executed an application for Letters Patent of the United States of America, entitled **"ADDITION OF ENDOTHERMIC FIRE RETARDANTS TO PROVIDE NEAR NEUTRAL PH PULP FIBER WEBS"** filed on **April 7, 2011**, and having been afforded serial no. **13/081,759** by the United States Patent and Trademark Office; and

WHEREAS, I, **BRENT A. FIELDS**, residing at 419 Holland Drive, Trenton, Ohio 45067, am a citizen of the UNITED STATES and have invented certain new and useful inventions or improvements relating to **addition of endothermic fire retardants to provide near neutral pH pulp fiber webs**, for which I have executed an application for Letters Patent of the United States of America, entitled **"ADDITION OF ENDOTHERMIC FIRE RETARDANTS TO PROVIDE NEAR NEUTRAL PH PULP FIBER WEBS"** filed on **April 7, 2011**, and having been afforded serial no. **13/081,759** by the United States Patent and Trademark Office; and

WHEREAS, International Paper Company, a corporation of the State of New York having a place of business at 6400 Poplar Avenue, Memphis, Tennessee 38197 (hereinafter, "Assignee"), is desirous of obtaining the entire right, title and interest in and to the said inventions or improvements throughout the world, the said application for United States Letters Patent and any granted United States Letters Patent claiming priority thereto, and any applications for Letters Patent and the Letters Patent therefor in any country foreign to the United States claiming priority thereto.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer and set over unto the said Assignee, its successors, legal representatives and assigns, my entire right, title and interest in the said inventions or improvements, and to the said application for Letters Patent and to all divisions, renewals and continuations thereof, and to any invention or improvement made by me which is described in said application, and to all applications for Letters Patent which may hereafter be filed for said invention or improvement, in any country or countries foreign to the United States, and to all Letters Patent which may be granted for said inventions or improvements, in any country or countries foreign to the United States, claiming priority thereto, and all extensions, renewals and reissues thereof;

AND, I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country of countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said inventions or improvements to the said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND, I HEREBY covenant that I have full right to convey the entire right, title and interest herein assigned, and that I have not executed and will not execute, any agreement in conflict herewith;

AND, I HEREBY authorize and request the attorney of record in the said application for Letters Patent to insert in the above right hand corner of this Assignment the serial number and filing date of the said application when officially known;

AND, I HEREBY further covenant and agree that I will communicate to the said Assignee, its successors, legal representatives and assigns, any and all facts known to me respecting said inventions or improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, reissue, continuation, and continuation-in-part applications, make all rightful oaths and generally do everything possible to aid the said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said inventions or improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 8<sup>th</sup> day of APRIL, 2011.

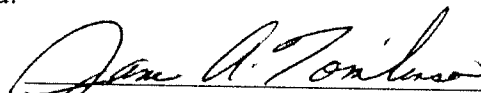
  
JAMES E. SEALEY

STATE OF OHIO )  
 ) ss:  
COUNTY OF CLERMONT )

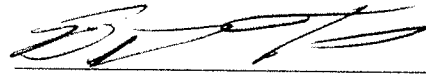
On this 8<sup>th</sup> day of APRIL, 2011, before me, a Notary Public in and for the State and County aforesaid, personally appeared **JAMES E. SEALEY** me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be his/her free act and deed.



Jane A. Tomlinson  
Notary Public, State of Ohio  
My Commission Expires  
June 19, 2012

  
Notary Public  
My commission expires:

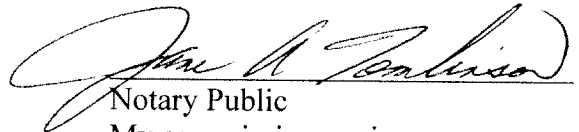
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12<sup>th</sup> day of April, 2011.



**BRENT A. FIELDS**

STATE OF OHIO )  
 ) ss:  
COUNTY OF CLEMONT )

On this 12<sup>th</sup> day of APRIL, 2011, before me, a Notary Public in and for the State and County aforesaid, personally appeared **BRENT A. FIELDS** 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 his/her free act and deed.



Notary Public  
My commission expires:



Jane A. Tomlinson  
Notary Public, State of Ohio  
My Commission Expires  
June 19, 2012