

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT																
NATURE OF CONVEYANCE:	Corrective Assignment to correct the two assignors names that were accidentally omitted from previously recorded on Reel 027034 Frame 0168. Assignor(s) hereby confirms the Thomas R. Arnson and Yan C. Huang.																
CONVEYING PARTY DATA																	
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Fax Number: (513)248-6451																	
Email: jane.tomlinson@ipaper.com																	
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Correspondent Name: INTERNATIONAL PAPER COMPANY																	
Address Line 1: 6285 Tri-Ridge Boulevard																	
Address Line 4: Loveland, OHIO 45140																	

501689473

PATENT  
REEL: 027054 FRAME: 0082

CH \$40.00 13157700

ATTORNEY DOCKET NUMBER:	COM-024018-N3 CORASN2
NAME OF SUBMITTER:	Thomas W. Barnes, III
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**ASSIGNMENT OF INVENTION AND OF LETTERS PATENT**

WHEREAS, I, Kapil Mohan Singh, residing at 10007 Bent Creek Drive, Loveland, Ohio 45140, am a citizen of United States and have invented certain new and useful inventions or improvements relating to paper substrates containing high surface sizing and low internal sizing and having high dimensional stability for which I have executed an application for Letters Patent of the United States of America, entitled "PAPER SUBSTRATES CONTAINING HIGH SURFACE SIZING AND LOW INTERNAL SIZING AND HAVING HIGH DIMENSIONAL STABILITY" filed on January 17, 2007 and having been afforded serial no. 11/655,004 by the United States Patent and Trademark Office; and

WHEREAS, I, D. W. Anderson, residing at 6485 Marathon Edenton Road, Goshen, Ohio 45122, am a citizen of United States and have invented certain new and useful inventions or improvements relating to paper substrates containing high surface sizing and low internal sizing and having high dimensional stability for which I have executed an application for Letters Patent of the United States of America, entitled "PAPER SUBSTRATES CONTAINING HIGH SURFACE SIZING AND LOW INTERNAL SIZING AND HAVING HIGH DIMENSIONAL STABILITY" filed on January 17, 2007 and having been afforded serial no. 11/655,004 by the United States Patent and Trademark Office; and

WHEREAS, I, Peter M. Froass, residing at 6863 Parklake Drive, Mason, OH 45040, am a citizen of United States and have invented certain new and useful inventions or improvements relating to paper substrates containing high surface sizing and low internal sizing and having high dimensional stability for which I have executed an application for Letters Patent of the United States of America, entitled "PAPER SUBSTRATES CONTAINING HIGH SURFACE SIZING AND LOW INTERNAL SIZING AND HAVING HIGH DIMENSIONAL STABILITY" filed on January 17, 2007 and having been afforded serial no. 11/655,004 by the United States Patent and Trademark Office; and

WHEREAS, I, Yaoliang Hong, residing at 6754 Man O' War Lane, Mason, OH 45040, am a citizen of China and have invented certain new and useful inventions or improvements relating to paper substrates containing high surface sizing and low internal sizing and having high dimensional stability for which I have executed an application for Letters Patent of the United States of America, entitled "PAPER SUBSTRATES CONTAINING HIGH SURFACE SIZING AND LOW INTERNAL SIZING AND HAVING HIGH DIMENSIONAL STABILITY" filed on January 17, 2007 and having been afforded serial no. 11/655,004 by the United States Patent and Trademark Office; and

WHEREAS, I, Krishna K Mohan, residing at 7661 Brookfarm Court, Mason, OH 45040, am a citizen of India and have invented certain new and useful inventions or improvements relating to paper substrates containing high surface sizing and low internal sizing and having high dimensional stability for which I have executed an application for Letters Patent of the United States of America, entitled "PAPER SUBSTRATES CONTAINING HIGH SURFACE

SIZING AND LOW INTERNAL SIZING AND HAVING HIGH DIMENSIONAL STABILITY" filed on January 17, 2007 and having been afforded serial no. 11/655,004 by the United States Patent and Trademark Office; and

WHEREAS, I, Thomas R. Amson, residing at 5850 Irish Dude Drive, Loveland, Ohio 45140, am a citizen of United States and have invented certain new and useful inventions or improvements relating to paper substrates containing high surface sizing and low internal sizing and having high dimensional stability for which I have executed an application for Letters Patent of the United States of America, entitled "PAPER SUBSTRATES CONTAINING HIGH SURFACE SIZING AND LOW INTERNAL SIZING AND HAVING HIGH DIMENSIONAL STABILITY" filed on January 17, 2007 and having been afforded serial no. 11/655,004 by the United States Patent and Trademark Office; and

WHEREAS, I, Yan C. Huang, residing at 4341 McKeever Pike, Williamsburg, Ohio 45176, am a citizen of United States and have invented certain new and useful inventions or improvements relating to paper substrates containing high surface sizing and low internal sizing and having high dimensional stability for which I have executed an application for Letters Patent of the United States of America, entitled "PAPER SUBSTRATES CONTAINING HIGH SURFACE SIZING AND LOW INTERNAL SIZING AND HAVING HIGH DIMENSIONAL STABILITY" filed on January 17, 2007 and having been afforded serial no. 11/655,004 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, TN 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 16<sup>th</sup> day of February, 2007.

Kapil M Singh  
KAPIL MOHAN SINGH

STATE OF OH )  
COUNTY OF Clermont ) ss:

On this 16<sup>th</sup> day of February, 2007, before me, a Notary Public in and for the State and County aforesaid, personally appeared **KAPIL MOHAN SINGH** 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.

Michele Lee McRoy  
Notary Public  
My commission expires:



MICHELE LEE MCROY  
Public, State of Ohio  
My Commission Expires July 24, 2011

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16<sup>th</sup> day of February, 2007.

STATE OF OH )  
COUNTY OF Clermont ) ss:

D. W. ANDERSON  
D. W. ANDERSON

On this 16<sup>th</sup> day of February, 2007, before me, a Notary Public in and for the State and County aforesaid, personally appeared **D. W. ANDERSON** 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.

Michele Lee McRoy  
Public, MICHELE LEE MCROY  
Notary Public, State of Ohio  
My Commission Expires July 24, 2011


IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 23<sup>rd</sup> day of February, 2007.

STATE OF OH )  
COUNTY OF Clermont ) ss:

Peter M Froass  
PETER M FROASS

On this 23<sup>rd</sup> day of February, 2007, before me, a Notary Public in and for the State and County aforesaid, personally appeared **PETER M FROASS** 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.

Michele Lee McRoy  
Notary Public  
My commission expires:

 MICHELE LEE MCROY  
Notary Public, State of Ohio  
My Commission Expires July 24, 2011

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16<sup>th</sup> day of February, 2007.

STATE OF OH )  
COUNTY OF Clermont ) ss:

Yaoliang Hong  
YAOLIANG HONG

On this 16<sup>th</sup> day of February, 2007, before me, a Notary Public in and for the State and County aforesaid, personally appeared **YAOLIANG HONG** 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.

Michelle Lee McRoy  
Michelle Lee McRoy  
Notary Public, State of Ohio  
My Commission Expires July 24, 2011

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2<sup>nd</sup> day of March, 2007.

STATE OF Ohio )  
COUNTY OF Clermont ) ss:

Krishna K Mohan  
KRISHNA K MOHAN

On this 2<sup>nd</sup> day of March, 2007, before me, a Notary Public in and for the State and County aforesaid, personally appeared **KRISHNA K MOHAN** 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.

Stephanie A Haupt  
Notary Public  
My commission expires:



STEPHANIE A. HAUPT  
Notary Public  
in and for the State of Ohio  
My Commission Expires  
November 11, 2007

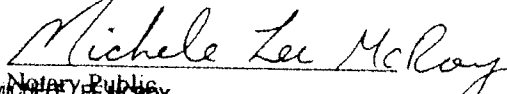
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16<sup>th</sup> day of February, 2007.

  
THOMAS R. ARNSON

STATE OF OH )  
COUNTY OF Clermont ) ss:

On this 16<sup>th</sup> day of February, 2007, before me, a Notary Public in and for the State and County aforesaid, personally appeared **THOMAS R. ARNSON** 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  
MICHELE LEE MCROY  
My Commission Expires July 24, 2011

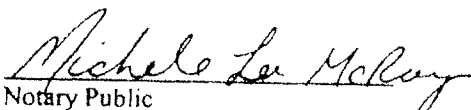
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16<sup>th</sup> day of February, 2007.

  
YAN C. HUANG

STATE OF OH )  
COUNTY OF Clermont ) ss:

On this 16<sup>th</sup> day of February, 2007, before me, a Notary Public in and for the State and County aforesaid, personally appeared **YAN C. HUANG** 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  
MICHELE LEE MCROY  
My Commission Expires July 24, 2011





**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 11, 2011

PTAS

INTERNATIONAL PAPER COMPANY  
6285 TRI-RIDGE BOULEVARD  
LOVELAND, OH 45140

10-11-11  
**501684544**

Class Office  
Docketed  
ID# *MS*  
*um-024018*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 10/07/2011

REEL/FRAME: 027034/0168  
NUMBER OF PAGES: 12

BRIEF: CORRECTIVE ASSIGNMENT TO CORRECT THE SPELLING OF ONE ASSIGNOR FIRST NAME FROM: KRISHAN TO KRISHNA PREVIOUSLY RECORDED ON REEL 026426 FRAME 0504. ASSIGNOR(S) HEREBY CONFIRMS THE ASSIGNOR NAME.

DOCKET NUMBER: COM-024018-N3 CORR.ASN

ASSIGNOR:

SINGH, KAPIL M.

DOC DATE: 02/16/2007

ASSIGNOR:

ANDERSON, DENNIS W.

DOC DATE: 02/16/2007

ASSIGNOR:

FROASS, PETER M.

DOC DATE: 02/23/2007

ASSIGNOR:

HONG, YAOLIANG

DOC DATE: 02/16/2007

ASSIGNOR:

MOHAN, KRISHNA K.

DOC DATE: 03/02/2007

ASSIGNEE:

INTERNATIONAL PAPER COMPANY  
6400 POPLAR AVENUE  
MEMPHIS, TENNESSEE 38197

APPLICATION NUMBER: 13157700

FILING DATE: 06/10/2011

PATENT NUMBER:

ISSUE DATE:

TITLE: PAPER SUBSTRATES CONTAINING HIGH SURFACE SIZING AND LOW INTERNAL  
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ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION

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<b>ATTORNEY DOCKET NUMBER:</b>	COM-024018-N3 CORR.ASN												
<b>NAME OF SUBMITTER:</b>	Thomas W. Barnes, III												

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**PATENT**

**RECORDED: 10/13/2011**

**REEL: 027054 FRAME: 0092**