

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kosaraju Krishna Mohan	10/08/2009
Peter M. Froass	10/01/2009
Mark Fagan	09/25/2009
RECEIVING PARTY DATA	
Name:	International Paper Company
Street Address:	6400 Poplar Avenue
City:	Memphis
State/Country:	TENNESSEE
Postal Code:	38197
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12549960
CORRESPONDENCE DATA	
Fax Number:	(513)248-6451
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	jane.tomlinson@ipaper.com
Correspondent Name:	International Paper Company
Address Line 1:	6285 Tri-Ridge Boulevard
Address Line 4:	Loveland, OHIO 45140
ATTORNEY DOCKET NUMBER:	TEC-038551-US ASN2
NAME OF SUBMITTER:	Thomas W. Barnes, III

Total Attachments: 4
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**PATENT
 REEL: 023433 FRAME: 0802**

CH \$40.00 12549960

ASSIGNMENT OF INVENTION AND OF LETTERS PATENT

WHEREAS, I, **Yaoliang Hong**, residing at **6754 Man O War Lane, Mason, Ohio 45040**, am a citizen of **China (People's Republic)** and have invented certain new and useful inventions or improvements relating to **expandable microspheres and methods of making and using the same** for which I have executed an application for Letters Patent of the United States of America, entitled "**EXPANDABLE MICROSPHERES AND METHODS OF MAKING AND USING THE SAME**" filed on **August 28, 2009**, and having been afforded serial no. **12/549,960** by the United States Patent and Trademark Office; and

WHEREAS, I, **Kosaraju Krishna Mohan**, residing at **7661 Brookfarm Court, Mason, Ohio 45040**, am a citizen of the **United States** and have invented certain new and useful inventions or improvements relating to **expandable microspheres and methods of making and using the same** for which I have executed an application for Letters Patent of the United States of America, entitled "**EXPANDABLE MICROSPHERES AND METHODS OF MAKING AND USING THE SAME**" filed on **August 28, 2009**, and having been afforded serial no. **12/549,960** by the United States Patent and Trademark Office; and

WHEREAS, I, **Peter M. Froass**, residing at **6863 Parklake Drive, Mason, Ohio 45040**, am a citizen of the **United States** and have invented certain new and useful inventions or improvements relating to **expandable microspheres and methods of making and using the same** for which I have executed an application for Letters Patent of the United States of America, entitled "**EXPANDABLE MICROSPHERES AND METHODS OF MAKING AND USING THE SAME**" filed on **August 28, 2009**, and having been afforded serial no. **12/549,960** by the United States Patent and Trademark Office; and

WHEREAS, I, **Mark Fagan**, residing at **6576 Trailwoods Drive, Loveland, Ohio 45140**, am a citizen of the **United States** and have invented certain new and useful inventions or improvements relating to **expandable microspheres and methods of making and using the same** for which I have executed an application for Letters Patent of the United States of America, entitled "**EXPANDABLE MICROSPHERES AND METHODS OF MAKING AND USING THE SAME**" filed on **August 28, 2009**, and having been afforded serial no. **12/549,960** 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 or 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 1st day of October, 2009.

Peter M. Froass
PETER M. FROASS

STATE OF Ohio)
COUNTY OF Clermont) ss:

On this 1st day of OCTOBER, 2009, 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.



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

Jane A. Tomlinson
Notary Public
My commission expires:

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 25th day of September, 2009.

Mark Fagan
MARK FAGAN

STATE OF Ohio)
COUNTY OF Clermont) ss:

On this 25th day of September, 2009, before me, a Notary Public in and for the State and County aforesaid, personally appeared **MARK FAGAN** 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.



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

Jane A. Tomlinson
Notary Public
My commission expires: