U.S. PTO Customer No. 25280

08-19-2009



J.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

103571324 To the Honorable Commissioner of Patents and Trademarks: Please record the attacned original documents or copy thereof.

1. Name of conveying party(ies): Laurent D. Kieken, Eduardo Torres, Dominick J. Valenti, Patrick D. Moore, Michael A.

Valenti, Xiaoyong Michael Hong, Leonard J. Starks, Eugene Steven Sadlowski, Kevin Lee Kott, Mark Robert Sivik, Keith Homer Baker

Forn PTO-1595

AUG 17

Additional name(s) of conveying party(ies) attached? NO

3. Nature of conveyance:

☑ Assignment

□ Merger

□ Security Agreement

☐ Change of Name

□ Other

March 26, 2007, March 26, 2007, March Execution Date: 26, 2007, March 26, 2007, March 27, 2007, March 27, 2007, March 27, 2007, March 30, 2007, April 2, 2007, April 17,

2007, April 17, 2007

2. Name and address of receiving party(ies):

Milliken & Company Name:

Internal Address: 920 Milliken Road

Spartanburg, South Carolina 29303

Street Address: 920 Milliken Road

Spartanburg, South Carolina 29303

Additional name(s) & address(es) attached? NO

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 11/655,380

B. Patent No.(s)

filed January 19, 2007

Additional numbers attached? NO

Name and address of party to whom correspondence concerning document should be mailed:

Name:

Brenda D. Wentz

Internal Address:

Milliken & Company

Post Office Box 1926 (M-495)

Spartanburg, South Carolina 29304

Street Address:

920 Milliken Road

Spartanburg, South Carolina 29303

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) \$ 40.00

□ Enclosed

Authorized to be charged to deposit account

8. Deposit account number: <u>04-0500</u>

DO NOT USE THIS SPACE

9. Statement, Certificate of Mailing, and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document. Further, I hereby certify that this correspondence including the attached Assignment, is being deposited on August 13, 2009, with the United States Postal Service in an envelope addressed to Commissioner of Patents, PO Box 1450 Alexandria, VA 22313-1450 including this cover sheet, and the original assignment.

Brenda D. Wentz Agent for Applicant

Registration No. 48643

Signature

OMB No. 0651-0011 (exp. 4/94)

08/18/2009 NJAMA1

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Mail documents to be recorded with required cover sheet information to:

**Box Assignments Commissioner for Patents** Washington, DC 20231

> PATENT **REEL: 023114 FRAME: 0778**

### **ASSIGNMENT**

WHEREAS I (if only one inventor is listed below)/WE (if more than one inventor is listed below) have made certain invention(s) (hereinafter "Invention") described in the United States Patent Application entitled: Novel Whitening Agents for Cellulosic Substrates; (hereinafter, "Patent Application") which was: Executed concurrently herewith as Milliken & Company Case No. \_\_\_\_\_and having received the serial number and filing date as set forth below (I/We hereby authorize and direct the attorneys for Milliken & Company to insert the serial number and filing date when that information becomes available): Serial No.: Filing Date: Executed on the following dates for each inventor: Inventor **Execution Date** as Milliken & Company Case No. \_\_\_\_, and having received the serial number and filing date set forth below (I/WE hereby authorize and direct the attorneys for Milliken & Company to insert the serial number and filing date when that information becomes available): Serial No.:

X Filed on <u>January 19, 2007</u>, and having received a serial number of <u>11/655,380</u> (I/WE hereby authorize and direct the attorneys for Milliken & Company to insert the serial number when that information becomes available):

WHEREAS, MILLIKEN & COMPANY, a Corporation organized under the laws of the State of Delaware with offices in Spartanburg, South Carolina, is desirous of obtaining the entire right, title, and interest in, to, and under said Invention and the above-referenced Patent Application.

Filing Date: \_

**NOW, THEREFORE**, in consideration of the sum of Fifty Dollars (\$50.00) paid in hand to ME (if only one inventor)/US (if more than one inventor), and other good and valuable consideration, the receipt of which is hereby acknowledged, I/WE do hereby sell, assign, transfer, and set over unto MILLIKEN & COMPANY, its successors in interest and assigns, the entire right, title, and interest in, to, and under said Invention, throughout the world. These rights include, but are not limited to:

- 1. Right to apply for Letters Patent for the invention, or any portion thereof, in the United States (hereinafter referred to as "Domestic Applications");
- Right to apply for Letters Patent or the legal equivalent for the Invention, or any portion thereof, in any country or countries foreign to the United States (hereinafter referred to as "International Applications"), including, but not limited to, the right to claim priority to any Domestic Application;
- 3. All rights in, to, and under the above-referenced Patent Application, including, but not limited to,
  - (i) Any continuations, divisionals, continuations-in-part, or any other applications claiming priority to the above-referenced Patent Application, and,
  - (ii) The right to file application(s) for Letters Patent or the legal equivalent thereof, in any country or countries foreign to the United States and claim priority to the above-referenced Patent Application; and
- 4. All rights in, to, and under any Letters Patent, or legal equivalent, including all reissues or extensions thereof, that may be issued or granted on such Domestic Applications, International Applications, or the Patent Application, and the rights granted thereunder.

I/WE HEREBY authorize and request the Commissioner of Patents 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 and/or legal equivalents, as requested, for said Invention or portion of said Invention to, and vest all rights of ownership in, MILLIKEN & COMPANY, its successors in interest and assigns, in accordance with the terms of this instrument.

Page 1 of 4

Seal

Seal

PTO Customer No. 25280 Case No. 5999

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

AND I/WE HEREBY further covenant that I/WE will communicate to Milliken & Company, its successors in interest and assigns, any facts known to ME/US respecting said Invention, and testify in any legal proceeding, sign all and execute lawful papers (including any application, assignment, and/or power of attorney documents), make all rightful oaths, and generally do everything possible to aid Milliken & Company, its successors in interest and assigns, to obtain and enforce proper patent protection for said Invention in all countries.

IN TESTIMONY, WHEREOF, I/WE hereunto set our hands and seals on the date set forth below.

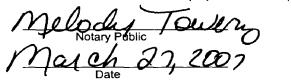
Michael A. Valenti
Name
Mucovae:
Signature
Mar 27, 2007
Date

Laurent D. Kieken
, Name
Steele
Signature
March 26, 2007
Date

Xiaoyong Michael Hong	
Name	
Linoyong horse	
Signature	
March 27, 2007	
Date	

## STATE OF SOUTH CAROLINA) COUNTY OF SPARTANBURG)

Before me, a Notary Public in and for the State and County aforesaid, on the date specified below personally appeared the individual specified adjacent hereto and known to me to be the same individual, and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.



# MY COMMISSION EXPIRES AUGUST 29, 2015

STATE OF SOUTH CAROLINA) COUNTY OF SPARTANBURG)

Before me, a Notary Public in and for the State and County aforesaid, on the date specified below personally appeared the individual specified adjacent hereto and known to me to be the same individual, and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.

Melocky Towers March 26, 2007

MY COMMISSION EXPIRES AUGUST 29, 2015

### STATE OF SOUTH CAROLINA) COUNTY OF SPARTANBURG)

Before me, a Notary Public in and for the State and County aforesaid, on the date specified below personally appeared the individual specified adjacent hereto and known to me to be the same individual, and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.

Melaly touler Notary Public 22, 2007 Seal

MY COMMISSION EXPIRES AUGUST 29, 2015

Page 2 of 4

Assignment Spbg JB021126

PATENT REEL: 023114 FRAME: 0780

Eduardo Torres	
Name	
Hen	
Signature	
3-21-07	
Date	

STATE OF SOUTH CAROLINA) COUNTY OF SPARTANBURG)

Before me, a Notary Public in and for the State and County aforesaid, on the date specified below personally appeared the individual specified adjacent hereto and known to me to be the same individual, and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.

March 26, 2007

Seal

MY COMMISSION EXPIRES AUGUST 29, 2015

Dominick J. Valenti

Name Jalonto

Signature

Date

STATE OF SOUTH CAROLINA)
COUNTY OF SPARTANBURG)

Before me, a Notary Public in and for the State and County aforesaid, on the date specified below personally appeared the individual specified adjacent hereto and known to me to be the same individual, and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.

Melade Towers March 26 2007

Seal

MY COMMISSION EXPIRES AUGUST 29, 2015

Patrick D. Moore

Name

Signature

Date

STATE OF SOUTH CAROLINA) COUNTY OF SPARTANBURG)

Before me, a Notary Public in and for the State and County aforesaid, on the date specified below personally appeared the individual specified adjacent hereto and known to me to be the same individual, and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.

Notary Public

Sear

MY COMMISSION EXPIRES AUGUST 29, 2015

Leonard J. Starks

Name

Signature

STATE OF SOUTH CAROLINA) COUNTY OF SPARTANBURG)

Before me, a Notary Public in and for the State and County aforesaid, on the date specified below personally appeared the individual specified adjacent hereto and known to me to be the same individual, and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.

Seal

MY COMMISSION EXPIRES AUGUST 29, 2015

### **ASSIGNMENT**

have made	e certain invention(s) (hereinafter "Invention	/WE (if more than one inventor is listed below) on") described in the United States Patent Application
entitled: No	ovel Whitening Agents for Cellulosic S	ubstrates:
(hereinafte	r, "Patent Application") which was:	,
	the serial number and filing date as se	ken & Company Case Noand having received at forth below (I/We hereby authorize and direct the insert the serial number and filing date when that
	Executed on the following dates for each	
	Inventor	Execution Date
		<del></del>
	set forth below (I/WE hereby authorize	
X	Filed on <u>January 19, 2007</u> , and having authorize and direct the attorneys for Milest information becomes available).	received a serial number of <u>11/655,380</u> (I/WE hereby liken & Company to insert the serial number when

WHEREAS, MILLIKEN & COMPANY, a Corporation organized under the laws of the State of Delaware with offices in Spartanburg, South Carolina, is desirous of obtaining the entire right, title, and interest in, to, and under said Invention and the above-referenced Patent Application.

**NOW, THEREFORE**, I/We made said Invention set forth in said Patent Application while employed by or otherwise under an obligation to assign said Invention to Milliken & Company and acknowledge my/our obligation at the time the Invention was made to assign said Invention to Milliken & Company. Pursuant to said obligation, I/WE do hereby sell, assign, transfer, and set over unto Milliken & Company, its successors in interest and assigns, the entire right, title, and interest in, to, and under said Invention, throughout the world. These rights include, but are not limited to:

- 1. Right to apply for Letters Patent for the invention, or any portion thereof, in the United States (hereinafter referred to as "Domestic Applications");
- 2. Right to apply for Letters Patent or the legal equivalent for the Invention, or any portion thereof, in any country or countries foreign to the United States (hereinafter referred to as "International Applications"), including, but not limited to, the right to claim priority to any Domestic Application;
- 3. All rights in, to, and under the above-referenced Patent Application, including, but not limited to,
  - (i) Any continuations, divisionals, continuations-in-part, or any other applications claiming priority to the above-referenced Patent Application, and,
  - (ii) The right to file application(s) for Letters Patent or the legal equivalent thereof, in any country or countries foreign to the United States and claim priority to the above-referenced Patent Application; and
- 4. All rights in, to, and under any Letters Patent, or legal equivalent, including all reissues or extensions thereof, that may be issued or granted on such Domestic Applications, International Applications, or the Patent Application, and the rights granted thereunder.

I/WE HEREBY authorize and request the Commissioner of Patents 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 and/or legal equivalents, as requested, for said Invention or

Page 1 of 3

Eugene Steven Sadlowski

portion of said Invention to, and vest all rights of ownership in, Milliken & Company, its successors in interest and assigns, in accordance with the terms of this instrument.

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

AND I/WE HEREBY further covenant that I/WE will communicate to Milliken & Company, its successors in interest and assigns, any facts known to ME/US respecting said Invention, and testify in any legal proceeding, sign all and execute lawful papers (including any application, assignment, and/or power of attorney documents), make all rightful oaths, and generally do everything possible to aid Milliken & Company, its successors in interest and assigns, to obtain and enforce proper patent protection for said Invention in all countries.

IN TESTIMONY, WHEREOF, I/WE hereunto set our hands and seals on the date set forth below.

Eugene Steven Sadiowski	STATE OF OHIO)
Name	COUNTY OF HAMILTON)
	Before me on the date specified below personally appeared the individual specified adjacent hereto and known to me to be the same individual, and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed. Notary Public, State of Ohio  My Commission Express
WATE OF OHIO	March 30, 2007 Date
Mark Robert Sivik .	STATE OF OHIO) COUNTY OF HAMILTON)
Name	Before me on the date specified below personally appeared the individual specified adjacent hereto and known to me to be the same individual, and who executed the foregoing
Signature	assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.
Date	Notary Public/Witness
	Date
Kevin Lee Kott	
Name	STATE OF OHIO) COUNTY OF HAMILTON)
	Before me on the date specified below personally appeared the individual specified adjacent hereto and known to me to
Signature	be the same individual, and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.
Date	
	Notary Public/Witness
	Date

Page 2 of 3

<u>Keith Homer Baker</u>	STATE OF OHIO)
Name	COUNTY OF HAMILTON)
	Before me on the date specified below personally appeared the individual specified adjacent hereto and known to me to
Signature	be the same individual, and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.
Date	
	Notary Public/Witness
	Date

Page 3 of 3

#### **ASSIGNMENT**

WHEREAS I (if only one inventor is listed below)/WE (if more than one inventor is listed below) have made certain invention(s) (hereinafter "Invention") described in the United States Patent Application entitled: Novel Whitening Agents for Cellulosic Substrates; (hereinafter, "Patent Application") which was:

reinaftei	r, "Patent Application") which was:
	Executed concurrently herewith as Milliken & Company Case Noand having received the serial number and filing date as set forth below (I/We hereby authorize and direct the attorneys for Milliken & Company to insert the serial number and filing date when that information becomes available):  Serial No.:  Filing Date:
	Executed on the following dates for each inventor:  Inventor  Execution Date
	as Milliken & Company Case No, and having received the serial number and filing date set forth below (I/WE hereby authorize and direct the attorneys for Milliken & Company to insert the serial number and filing date when that information becomes available):  Serial No.:  Filing Date:
X	Filed on <u>January 19, 2007</u> , and having received a serial number of <u>11/655,380</u> (I/WE hereby authorize and direct the attorneys for Milliken & Company to insert the serial number when

authorize and direct the attorneys for Milliken & Company to insert the serial number when that information becomes available):

WHEREAS MILLIEN & COMPANY a Corporation organized under the laws of the State of Delaware

WHEREAS, MILLIKEN & COMPANY, a Corporation organized under the laws of the State of Delaware with offices in Spartanburg, South Carolina, is desirous of obtaining the entire right, title, and interest in, to, and under said Invention and the above-referenced Patent Application.

**NOW, THEREFORE**, I/We made said Invention set forth in said Patent Application while employed by or otherwise under an obligation to assign said Invention to Milliken & Company and acknowledge my/our obligation at the time the Invention was made to assign said Invention to Milliken & Company. Pursuant to said obligation, I/WE do hereby sell, assign, transfer, and set over unto Milliken & Company, its successors in interest and assigns, the entire right, title, and interest in, to, and under said Invention, throughout the world. These rights include, but are not limited to:

- 1. Right to apply for Letters Patent for the invention, or any portion thereof, in the United States (hereinafter referred to as "Domestic Applications");
- 2. Right to apply for Letters Patent or the legal equivalent for the Invention, or any portion thereof, in any country or countries foreign to the United States (hereinafter referred to as "International Applications"), including, but not limited to, the right to claim priority to any Domestic Application;
- 3. All rights in, to, and under the above-referenced Patent Application, including, but not limited to,
  - (i) Any continuations, divisionals, continuations-in-part, or any other applications claiming priority to the above-referenced Patent Application, and,
  - (ii) The right to file application(s) for Letters Patent or the legal equivalent thereof, in any country or countries foreign to the United States and claim priority to the above-referenced Patent Application; and
- 4. All rights in, to, and under any Letters Patent, or legal equivalent, including all reissues or extensions thereof, that may be issued or granted on such Domestic Applications, International Applications, or the Patent Application, and the rights granted thereunder.

I/WE HEREBY authorize and request the Commissioner of Patents 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 and/or legal equivalents, as requested, for said Invention or

Page 1 of 3

portion of said Invention to, and vest all rights of ownership in, Milliken & Company, its successors in interest and assigns, in accordance with the terms of this instrument.

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

**AND I/WE HEREBY** further covenant that I/WE will communicate to Milliken & Company, its successors in interest and assigns, any facts known to ME/US respecting said Invention, and testify in any legal proceeding, sign all and execute lawful papers (including any application, assignment, and/or power of attorney documents), make all rightful oaths, and generally do everything possible to aid Milliken & Company, its successors in interest and assigns, to obtain and enforce proper patent protection for said Invention in all countries.

IN TESTIMONY, WHEREOF, I/WE hereunto set our hands and seals on the date set forth below.

Name COUNTY OF HAMILTON) Before me on the date specified below personally appeared the individual, aspecified adjacent herato and known to me to be the same individual, and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.  Date  Mark Robert Sivik  Name  Signature  Moral Public State of County of State of Co	Eugene Steven Sadlowski	OTATE OF OURO)
the individual specified adjacent hereto and known to me to be the same individual who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.    Date		
Mark Robert Sivik    Mark Robert Sivik	Signature	the individual specified adjacent hereto and known to me to be the same individual, and who executed the foregoing assignment instrument and acknowledged that they executed
Mark Robert Sivik  Name  STATE CF SHOW SANDRAD. WILSON  COUNTY SHAWLEDN  Before many and state specified below personally applied py, 2008 the individual state specified below personally applied py, 2008 be the safe, fractional and acknowledged that they executed same of their own free will for the purpose therein expressed.  Notary Public Witness  Y-17-07  Date  Kevin Lee Kott  Name  STATE OF DH  COUNTY OF EACH  Signature  Signature  Signature  Signature  Signature  Date  Notary Public Witness  W-2-07  Date  Notary Public Witness	Date	
Mark Robert Sivik  Name    STATE COUNTY OF MARKED IN SANDRAD, WILSON COUNTY OF MARKED IN 10 10 10 10 10 10 10 10 10 10 10 10 10		Notary Public/Witness
Name    County   State of 01:10		Date
Name  Before me state specified below personally appliance of their own free will for the purpose therein expressed.  Signature  Date  Notary Public STATE OF DITION Date  STATE OF DITION DESTRUCTION OF THE PROPERTY OF DITION DATE.  Notary Public Witness  Y-1-07  Date  Signature  Signature  Signature  Signature  Date  Notary Public STATE OF DITION DATE.  Signature  Signature  Date  Notary Public STATE OF DITION DATE.  Signature  Signature  Date  Notary Public STATE OF DITION DATE.  Signature  Signature  Date  Notary Public STATE OF DITION DATE.  Notary Public S	Mark Robert Sivik	
Signature  Date  Notary Public/Witness  Y-17-07  Date  STATE OF DH  COUNTY OF COUNTY O		NOTARY PUBLIC, STATE OF OLIO
Signature  Date  Notary Public/Witness  Y-17-07  Date  STATE OF DH  COUNTY OF COUNTY O	man and in	the individual adjacent hereto and known to me to, 2008
Notary Public/Witness    Value	Signature	assignment instrument and acknowledged that they executed
Notary Public/Witness    Value	1/17 7	
Name  STATE OF OF THE COUNTY O		Marshall Million
Name  STATE OF OH S  COUNTY OF E  Before me on the individual and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.  Date  Date  STATE OF OH S  COUNTY OF E  Before me on the citied below personally appeared to 2000 the individual and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.  Notary Public/Witness	Date	
Name  COUNTY OF		
Signature  Date  COUNTY OF STATE OF ONIC Before me on the individual specified below personally appeared to 200 the individual specified addition the personal papeared to 200 the individual and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.  Notary Public/Witness	Kevin Lee Kott	ANDRA U. WILSON
Signature  be the same individual and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.  Date  the individual and acknowledged that foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.  Notary Public/Witness	Name	COUNTY OF EASTER CANDO . EASTER OF ORIC
assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.  Date  Notary Public/Witness	W to Kom	Before me on the sciffed below personally appeared to 200
assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.  Date  Notary Public/Witness	Signature	be the same individual, and who executed the foregoing
Date  South D. Colon-  Notary Public/Witness		
Notary Public/Witness	7 - 1 - 0 / Date	
	Duto	Notary Public/Witness
Date		
		Date

Page 2 of 3

Keith Homer Baker

Name

<del>Yana</del> Signature

//

1, 2

STATE OF OHIO) COUNTY OF HAMILTON)

Before me on the date specified below personally appeared the individual specified adjacent hereto and known to me to be the same individual, and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.

Notary Public/Witness

Date

Page 3 of 3

Assignment Spbg JB021126

**RECORDED: 08/17/2009**