

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3177061

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROBERT L. MAHAFFEY JR.	01/18/2011
XIAOYONG MICHAEL HONG	01/03/2011
EDUARDO TORRES	01/03/2011
DOMINICK J. VALENTI	01/03/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MILLIKEN & COMPANY
<b>Street Address:</b>	920 MILLIKEN ROAD, M495
<b>City:</b>	SPARTANBURG
<b>State/Country:</b>	SOUTH CAROLINA
<b>Postal Code:</b>	29303
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13748799
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(864)503-1999
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	patents@milliken.com
<b>Correspondent Name:</b>	MILLIKEN & COMPANY
<b>Address Line 1:</b>	920 MILLIKEN ROAD, M495
<b>Address Line 4:</b>	SPARTANBURG, SOUTH CAROLINA 29303
<b>ATTORNEY DOCKET NUMBER:</b>	6343A
<b>NAME OF SUBMITTER:</b>	LINDA-ANN MANLEY
<b>SIGNATURE:</b>	/Linda-Ann Manley/
<b>DATE SIGNED:</b>	01/09/2015
<b>Total Attachments: 5</b>	
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source=6343A_Assignment#page4.tif	



### 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: **Bis-Azo Colorants for Use As Bluing Agents;** (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.: \_\_\_\_\_

Filing Date: \_\_\_\_\_

☒ Filed on October 22, 2010, and having received a serial number of 12/910,104 (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.

**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");
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 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.

Robert L Mahaffey, JR

Name

*Robert L Mahaffey, JR*  
Signature

Jan 18, 2011  
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.

*Melody B Towers*  
Notary Public

Jan 18, 2011  
Date

Seal

MY COMMISSION EXPIRES AUGUST 29, 2015

Xiaoyong Michael Hong

Name

*Xiaoyong Hong*  
Signature

Jan 3, 2011  
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.

*Melody B Towers*  
Notary Public

Jan 3, 2011  
Date

Seal

MY COMMISSION EXPIRES AUGUST 29, 2015

Eduardo Torres

Name

*Eduardo*  
Signature

Jan 3, 2011  
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.

*Melody B Towers*  
Notary Public

Jan 3, 2011  
Date

Seal

MY COMMISSION EXPIRES AUGUST 29, 2015

Dominick J. Valenti

Name  
Dominick Valenti  
Signature  
Jan 3, 2011  
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.

Melody B. Bowers  
Notary Public  
Jan 3, 2011  
Date

Seal

MY COMMISSION EXPIRES AUGUST 29, 2015

### 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: **Bis-Azo Colorants for Use As Bluing Agents;** (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.: \_\_\_\_\_

Filing Date: \_\_\_\_\_

☒ Filed on October 22, 2010, and having received a serial number of 12/910,104 (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.

**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

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.

Gregory S. Miracle

Name

*Gregory S. Miracle*

Signature

15 DEC. 2010

Date

STATE OF OHIO  
COUNTY OF BUTLER

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.

*Carolyn P. Stanford*

Notary Public/Witness

12/15/10

Date



CAROLYN P. STANFORD  
NOTARY PUBLIC  
STATE OF OHIO  
Comm. Expires  
September 15, 2015  
Recorded In  
Warren County