

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name(s) of conveying party(ies)/execution date(s):  
Gregory Scot MIRACLE -01/12/2012  
Robert L. MAHAFFEY - 01/25/2012  
Xiaoyong Michael HONG - 01/30/2012  
Eduardo (NMN) TORRES -01/17/2012  
Dominick J. VALENTI - 01/18/2012  
Additional name(s) of conveying party(ies) attached:  
 Yes  No

2. Name(s) and address(es) of receiving party(ies):  
Name: The Procter & Gamble Company  
Internal Address: Attention: Chief Patent Counsel  
One Procter & Gamble Plaza  
Cincinnati, OH 45202  
Additional name(s) & address(es) attached?  
 Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of name  
 Joint Research Agreement  
Executed: \_\_\_\_\_  
Name of the owner of the application (or patent): \_\_\_\_\_  
Name of other party to Joint Research Agreement: \_\_\_\_\_  
 Other \_\_\_\_\_

4. Application number(s) or patent number(s):  
This document is being filed together with a new application:  Yes  No  
A. Patent Application No(s). 13/313,256 B. Patent No(s). \_\_\_\_\_  
Date Filed: December 7, 2011 P&G Case: \_\_\_\_\_  
P&G Case: 11912MCL Confirmation No.: 8205  
Additional numbers attached?  Yes  No

5. Name and address to whom correspondence concerning document should be mailed:  
Name: CENTRAL DOCKETING  
Internal Address: THE PROCTER & GAMBLE COMPANY  
Street Address: Intellectual Property Division  
Sycamore Building  
299 East Sixth Street, 4<sup>th</sup> Floor  
Cincinnati, OH 45202  
Phone: (513) 983-9450  
Fax Number: (513) 945-6843  
Email Address : foose.gj@pg.com

6. Total number of applications and patents involved: [ 1 ]  
7. Total fee (37 CFR 3.41):.....\$40.00  
 Authorized to be charged to deposit account  
8. Deposit account number:  
16-2480  
Authorized User Name: Garv J. Foose

Gary J. Foose /Gary J. Foose/ January 31, 2012  
Name of Person Signing Signature Date  
Total number of pages including cover sheet, attachments, and documents: [10]

Documents to be recorded (including cover sheet must be either: (1) mailed with the patent application filing papers - checking Box #8 on the Utility or Design Transmittal Form --; (2) faxed to (571) 273-0140; or (3) mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria VA 22313-1450.

Assignment Recordation cover sheet.doc  
Rev. 12/08 (PTO updated 12/08)

CH \$40.00 162480 13313256

## GLOBAL GENERAL ASSIGNMENT

WHEREAS I/we, the undersigned inventor(s) herewith declare that I am the sole inventor/we are the joint inventors and I/we have made certain invention(s), as set forth in a patent application (including industrial designs and utility models), whether claimed or unclaimed, entitled BIS-AZO COLORANTS FOR USE AS BLUING AGENTS, Attorney's Docket No. 11912MCL and filed in the \_\_\_\_\_ Patent Office as Number \_\_\_\_\_, on \_\_\_\_\_. (I/we grant the hereinafter named assignee and/or any person authorized thereby, the power to insert the Serial Number and filing date of said application in this document when ascertained.)

Gregory Scot MIRACLE of 3065 Old Oxford Road; Hamilton, OH, 45013  
Robert L. MAHAFFEY of 204 Bruton Place; Spartanburg, SC, 29302  
Xiaoyong Michael HONG of 320 Ascot Ridge Lane; Greer, SC, 29650  
Eduardo (NMN) TORRES of 145 Lewis Burnett Drive; Boiling Springs, SC, 29316  
Dominick J. VALENTI of 204 Pelham Falls Drive; Greenville, SC, 29651

I/We made said invention(s) set forth in said patent application while employed by, or otherwise under an obligation to assign said invention(s) to The Procter & Gamble Company or one of its Affiliates (including, Procter & Gamble Asia Pacific Ltd.; Procter & Gamble Australia Pty. Ltd.; Procter & Gamble Technology (Beijing) Co., Ltd.; Procter & Gamble Japan K.K.; P&G Innovation Godo Kaisha; P&G Design Center Godo Kaisha; Procter & Gamble Hong Kong Limited; Procter & Gamble India, Ltd.; Procter & Gamble Indonesia; Procter & Gamble Korea Inc.; Procter & Gamble Malaysia Sdn. Bhd.; Procter & Gamble Philippines, Inc.; Procter & Gamble Taiwan Ltd; Procter & Gamble Manufacturing (Thailand) Limited; Procter & Gamble (Guangzhou) Ltd.; P&G Northeast Asia Pte. Ltd.; P&G Max Factor Godo Kaisha; P&G K.K.; Procter & Gamble Asia Pte. Ltd.; Procter & Gamble de Mexico; Procter & Gamble de Venezuela, and P&G-Clairol, Inc.) and acknowledge my/our obligation at the time the invention(s) was made to assign said invention(s) to The Procter & Gamble Company or the Affiliate, respectively. Pursuant to said obligation (and in the case of employment by or obligation to the Affiliate, at the request of the Affiliate), and/or for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/we assign to The Procter & Gamble Company, its legal representatives, successors and assigns, all right, title, and interest, in the United States and throughout the world, in, to and under said invention(s) and all patents, patent applications, patent rights, and inventor's certificates thereof, therefore, and therein, including without limitation said application, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all patents which may be granted for said invention(s) by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefore (including the right to claim priority of the filing date of said application in the United States and/or under international conventions), as fully and completely as the same would have been held by me/us had this assignment not been made. The entire right, title and interest shall vest irrevocably in The Procter & Gamble Company. I/We further agree upon request, without additional compensation but at no expense to me/us, to execute or assent to any and all applications for said invention(s), and to execute all other legal documents as may be necessary or desirable to vest the enjoyment of the rights assigned to The Procter & Gamble Company, its legal representatives, successors and assigns, or as said Company may direct.

I/We request and authorize the Commissioner of Patents and Trademarks and/or appropriately empowered officials of foreign countries to issue any and all Patent(s) and/or letters patent(s) which may be granted for said invention(s) herein assigned and as set forth in U. S. Application Serial Number \_\_\_\_\_ to The Procter & Gamble Company, its legal representatives, successors or assigns, as the sole owner of the entire right, title, and interest in said Patent(s).

This GLOBAL GENERAL ASSIGNMENT is effective as of the earlier of 1) the date of execution shown below, or 2) the filing date of the first-filed of said patent application(s).

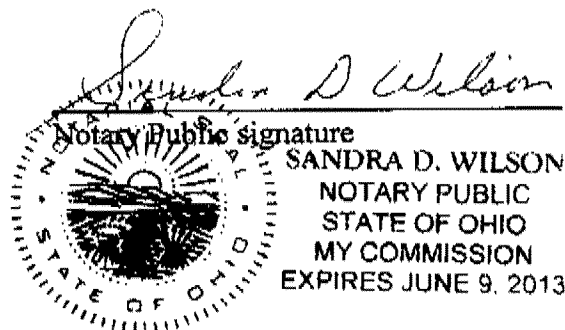
Signed: *Gregory Scot Miracle*  
Gregory Scot MIRACLE

12 January 2012  
Date

State of OHIO }  
County of Hamilton } SS

On this 12 day of January, 2012, before me personally appeared Gregory Scot MIRACLE, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth. I make this statement conscientiously and with the knowledge that knowingly making false statements herein may be punishable by law.

*Sandra D. Wilson*  
Notary Public printed name



Signed: \_\_\_\_\_  
Robert L. MAHAFFEY

\_\_\_\_\_  
Date

State of \_\_\_\_\_ }  
County of \_\_\_\_\_ } SS

On this \_\_\_\_\_ day of \_\_\_\_\_, 2012, before me personally appeared Robert L. MAHAFFEY, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth. I make this statement conscientiously and with the knowledge that knowingly making false statements herein may be punishable by law.

\_\_\_\_\_  
Notary Public printed name

\_\_\_\_\_  
Notary Public signature

Signed: \_\_\_\_\_  
Xiaoyong Michael HONG

\_\_\_\_\_  
Date

State of                    }  
                                  } SS  
County of                 }

On this \_\_\_\_ day of \_\_\_\_\_, 2012, before me personally appeared Xiaoyong Michael HONG, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth. I make this statement conscientiously and with the knowledge that knowingly making false statements herein may be punishable by law.

\_\_\_\_\_  
Notary Public printed name

\_\_\_\_\_  
Notary Public signature

Signed: \_\_\_\_\_  
Eduardo (NMN) TORRES

\_\_\_\_\_  
Date

State of                    }  
                                  } SS  
County of                 }

On this \_\_\_\_ day of \_\_\_\_\_, 2012, before me personally appeared Eduardo (NMN) TORRES, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth. I make this statement conscientiously and with the knowledge that knowingly making false statements herein may be punishable by law.

\_\_\_\_\_  
Notary Public printed name

\_\_\_\_\_  
Notary Public signature

Signed:  
Dominick J. VALENTI

\_\_\_\_\_  
Date

State of                    }  
                                  } SS  
County of                 }

On this \_\_\_\_ day of \_\_\_\_\_, 2012, before me personally appeared Dominick J. VALENTI, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth. I make this statement conscientiously and with the knowledge that knowingly making false statements herein may be punishable by law.

\_\_\_\_\_  
Notary Public printed name

\_\_\_\_\_  
Notary Public signature

**GLOBAL GENERAL ASSIGNMENT**

WHEREAS I/we, the undersigned inventor(s) herewith declare that I am the sole inventor/we are the joint inventors and I/we have made certain invention(s), as set forth in a patent application (including industrial designs and utility models), whether claimed or unclaimed, entitled BIS-AZO COLORANTS FOR USE AS BLUING AGENTS, Attorney's Docket No. 11912MCL and filed in the \_\_\_\_\_ Patent Office as Number \_\_\_\_\_, on \_\_\_\_\_. (I/we grant the hereinafter named assignee and/or any person authorized thereby, the power to insert the Serial Number and filing date of said application in this document when ascertained.)

Gregory Scot MIRACLE of 3065 Old Oxford Road; Hamilton, OH, 45013  
Robert L. MAHAFFEY of 204 Bruton Place; Spartanburg, SC, 29302  
Xiaoyong Michael HONG of 320 Ascot Ridge Lane; Greer, SC, 29650  
Eduardo (NMN) TORRES of 145 Lewis Burnett Drive; Boiling Springs, SC, 29316  
Dominick J. VALENTI of 204 Pelham Falls Drive; Greenville, SC, 29651

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I/We request and authorize the Commissioner of Patents and Trademarks and/or appropriately empowered officials of foreign countries to issue any and all Patent(s) and/or letters patent(s) which may be granted for said invention(s) herein assigned and as set forth in U. S. Application Serial Number \_\_\_\_\_ to The Procter & Gamble Company, its legal representatives, successors or assigns, as the sole owner of the entire right, title, and interest in said Patent(s).

This GLOBAL GENERAL ASSIGNMENT is effective as of the earlier of 1) the date of execution shown below, or 2) the filing date of the first-filed of said patent application(s).

Signed: \_\_\_\_\_  
Gregory Scot MIRACLE

\_\_\_\_\_  
Date

State of                    }  
                                  }  
County of                 } SS  
                                  }

On this \_\_\_\_\_ day of \_\_\_\_\_, 2012, before me personally appeared Gregory Scot MIRACLE, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth. I make this statement conscientiously and with the knowledge that knowingly making false statements herein may be punishable by law.

\_\_\_\_\_  
Notary Public printed name

\_\_\_\_\_  
Notary Public signature

*Robert L. Mahaffey*  
Signed: \_\_\_\_\_  
Robert L. MAHAFFEY

*January 25, 2012*  
\_\_\_\_\_  
Date

State of *S.C.*            }  
                                  }  
County of *Sptbg*        } SS  
                                  }

On this *25<sup>th</sup>* day of *January*, 2012, before me personally appeared Robert L. MAHAFFEY, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth. I make this statement conscientiously and with the knowledge that knowingly making false statements herein may be punishable by law.

*MARY L. Smith*  
\_\_\_\_\_  
Notary Public printed name

*Mary L. Smith*  
\_\_\_\_\_  
Notary Public signature  
MY COMMISSION EXPIRES APRIL 3, 2017

Signed: Xiaoyong Hong  
Xiaoyong Michael HONG

1-30-2012  
Date

State of S.C. }  
County of Spthg } SS

On this 30<sup>th</sup> day of JANUARY, 2012, before me personally appeared Xiaoyong Michael HONG, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth. I make this statement conscientiously and with the knowledge that knowingly making false statements herein may be punishable by law.

MARY L. Smith  
Notary Public printed name

Mary L. Smith  
Notary Public signature  
MY COMMISSION EXPIRES APRIL 3, 2017

Signed: Eduardo  
Eduardo (NMN) TORRES

1-17-2012  
Date

State of S.C. }  
County of Spthg } SS

On this 17<sup>th</sup> day of JANUARY, 2012, before me personally appeared Eduardo (NMN) TORRES, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth. I make this statement conscientiously and with the knowledge that knowingly making false statements herein may be punishable by law.

MARY L. Smith  
Notary Public printed name

Mary L. Smith  
Notary Public signature  
MY COMMISSION EXPIRES APRIL 3, 2017



Signed: *Dominick J. Valenti*  
Dominick J. VALENTI

*Jan 18, 2012*  
Date

State of *S.C.* }  
County of *Sptbg* } SS

On this *18<sup>th</sup>* day of *January*, 2012, before me personally appeared Dominick J. VALENTI, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth. I make this statement conscientiously and with the knowledge that knowingly making false statements herein may be punishable by law.

*MARY L. Smith*  
Notary Public printed name

*Mary L. Smith*  
Notary Public signature  
MY COMMISSION EXPIRES APRIL 3, 2017