

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
<b>CONVEYING PARTY DATA</b>																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>BASF SE</td> <td>12/12/2012</td> </tr> <tr> <td>Stefano SCIALLA</td> <td>08/25/2012</td> </tr> <tr> <td>Michael Stanford SHOWELL</td> <td>09/06/2012</td> </tr> <tr> <td>Frank HULSKOTTER</td> <td>08/29/2012</td> </tr> <tr> <td>Anju Deepali Massey BROOKER</td> <td>09/26/2012</td> </tr> <tr> <td>Phan Shean LIM</td> <td>09/26/2012</td> </tr> <tr> <td>Melissa CUTHBERTSON</td> <td>11/23/2012</td> </tr> <tr> <td>Glenn Steven WARD</td> <td>11/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	BASF SE	12/12/2012	Stefano SCIALLA	08/25/2012	Michael Stanford SHOWELL	09/06/2012	Frank HULSKOTTER	08/29/2012	Anju Deepali Massey BROOKER	09/26/2012	Phan Shean LIM	09/26/2012	Melissa CUTHBERTSON	11/23/2012	Glenn Steven WARD	11/23/2012
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<b>RECEIVING PARTY DATA</b>																			
<table border="1"> <tr> <td>Name:</td> <td>The Procter &amp; Gamble Company</td> </tr> <tr> <td>Street Address:</td> <td>Attention: Chief Patent Counsel</td> </tr> <tr> <td>Internal Address:</td> <td>One Procter &amp; Gamble Plaza</td> </tr> <tr> <td>City:</td> <td>Cincinnati</td> </tr> <tr> <td>State/Country:</td> <td>OHIO</td> </tr> <tr> <td>Postal Code:</td> <td>45202</td> </tr> </table>		Name:	The Procter & Gamble Company	Street Address:	Attention: Chief Patent Counsel	Internal Address:	One Procter & Gamble Plaza	City:	Cincinnati	State/Country:	OHIO	Postal Code:	45202						
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<b>PROPERTY NUMBERS Total: 1</b>																			
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13874791</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13874791														
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<b>CORRESPONDENCE DATA</b>																			
Fax Number:	5139456868																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
Phone:	5139837598																		
Email:	meenach.sa@pg.com																		
Correspondent Name:	The Procter & Gamble Company																		
Address Line 1:	299 East Sixth Street																		
Address Line 2:	Central Docketing- 4th Floor																		

CH \$40.00 13874791

Address Line 4: Cincinnati, OHIO 45202

ATTORNEY DOCKET NUMBER: CM3740QL

NAME OF SUBMITTER: Tiffany M. Zerby

Signature: /Tiffany M. Zerby/

Date: 05/02/2013

**Total Attachments: 26**

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**Assignment Agreement**

BASF SE, Carl-Bosch-Straße 38, 67056 Ludwigshafen, Germany („BASF“)

hereby assigns its share of the invention relating to

“Detergent composition”, filed with the European Patent Office on 11<sup>th</sup> May 2012 (application number: 12167780.1), hereinafter also being referred to as “the invention”,

having been transferred from the inventor, Rainer Dobraua, to BASF in accordance with his employment contract,

to the Procter & Gamble Company, General Offices, One Procter & Gamble Plaza, Cincinnati, OH 45202 USA (“P&G”)

including the right to file applications for industrial rights, e.g., patents and utility models,

notwithstanding any agreements between P&G and BASF concerning the right to use the invention.

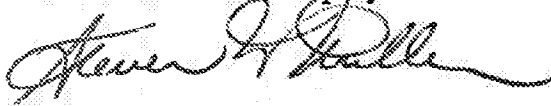
The inventor will be mentioned in respective industrial rights according to the legal provisions. If necessary, the inventor and BASF will support P&G in acquiring and enforcing the respective industrial rights.

P&G herewith accepts the assignment of the invention.

The costs will be dealt with in accordance to the Agreement between P&G and BASF dated from the 13<sup>th</sup> of January, 2008.

Cincinnati,

The Procter & Gamble Company



**Steven W. Miller**  
Assistant Secretary

Ludwigshafen-am-Rhein,

BASF SE



ppa. Wallon  
Vice President

REN



ppa. Bieller  
Vice President  
Global Intellectual  
Property

2012\_12\_12

**PATENT**  
**REEL: 030331 FRAME: 0920**

## 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 DETERGENT COMPOSITION, Attorney's Docket No. CM3740FQL and filed in the European Patent Office as Number as Serial Number 12167780.1, on 11<sup>th</sup> May 2012. (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.)

Stefano **SCIALLA** of Via Rastrelli 81, 00128 Roma, Italy;

Michael Stanford **SHOWELL** of Rue des Chartreux 38, 1000 Brussels, Belgium;

Frank **HULSKOTTER** of Im Nonnengarten 41, Bad Dürkheim, D-67098 Germany;

Anju Deepali Massey **BROOKER** of 3 Flaxby Close, Gosforth Newcastle upon Tyne NE3 5LP United Kingdom;

Phan Shean **LIM** of #09-08, Hillview Regency, 26 Bukit Batok East, Avenue 2, 659920 Singapore;

Melissa **CUTHBERTSON** of 27 Hunters Court, Wallsend, Newcastle upon Tyne NE28 7NZ United Kingdom

Glenn Steven **WARD** of 3 Willerby Drive, Gosforth, Newcastle upon Tyne, NE3 5LL United Kingdom

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

**PATENT**

**REEL: 030331 FRAME: 0921**

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: \_\_\_\_\_  
Stefano SCIALLA

\_\_\_\_\_  
Date

State of            }  
                          } SS  
County of         }

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Stefano SCIALLA, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness printed name

Signed: \_\_\_\_\_  
Michael Stanford SHOWELL

\_\_\_\_\_  
Date

State of            }  
                          } SS  
County of         }

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Michael Stanford SHOWELL, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

Signed: Frank Hulskotter  
Frank HULSKOTTER

Lucasgraben, August 29<sup>th</sup> 2012  
Date

State of            }  
                          } SS  
County of         }



Signed: \_\_\_\_\_  
Melissa CUTHBERTSON

\_\_\_\_\_  
Date

State of            )  
                          ) SS  
County of         )

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Melissa CUTHBERTSON, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

Signed: \_\_\_\_\_  
Glenn Steven WARD

\_\_\_\_\_  
Date

State of            )  
                          ) SS  
County of         )

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Glenn Steven WARD, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature



## G L O B A L   G E N E R A L   A S S I G N M E N T

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 DETERGENT COMPOSITION, Attorney's Docket No. CM3740FQL and filed in the European Patent Office as Number as Serial Number 12167780.1, on 11<sup>th</sup> May 2012. (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.)

Stefano **SCIALLA** of Via Rastrelli 81, 00128 Roma, Italy;

Michael Stanford **SHOWELL** of Rue des Chartreux 38, 1000 Brussels, Belgium;

Frank **HULSKOTTER** of Im Nonnengarten 41, Bad Dürkheim, D-67098 Germany;

Anju Deepali Massey **BROOKER** of 3 Flaxby Close, Gosforth Newcastle upon Tyne NE3 5LP United Kingdom;

Phan Shean **LIM** of #09-08, Hillview Regency, 26 Bukit Batok East, Avenue 2, 659920 Singapore;

Melissa **CUTHBERTSON** of 27 Hunters Court, Wallsend, Newcastle upon Tyne NE28 7NZ United Kingdom

Glenn Steven **WARD** of 3 Willerby Drive, Gosforth, Newcastle upon Tyne, NE3 5LL United Kingdom

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

**PATENT**

**REEL: 030331 FRAME: 0926**

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: \_\_\_\_\_  
Stefano SCIALLA

\_\_\_\_\_  
Date

State of            }  
                          }  
County of         } SS  
                          }

On this \_\_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Stefano SCIALLA, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness printed name

Signed: Michael Stanford Showell  
Michael Stanford SHOWELL

Sept 6 2012  
Date

State of            }  
                          }  
County of         } SS  
                          }

On this 6 day of Sept, 2012, before me personally appeared Michael Stanford SHOWELL, 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.

RICHARD CARPENTER  
Notary Public/Witness printed name

Richard Carpenter  
Notary Public/Witness signature

Signed: \_\_\_\_\_  
Frank HULSKOTTER

9/6/12  
Date

State of            }  
                          }  
County of         } SS  
                          }

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Frank **HULSKOTTER**, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

Signed: \_\_\_\_\_  
Anju Deepali Massey **BROOKER**

\_\_\_\_\_  
Date

State of            )  
                          ) SS  
County of         )

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Anju Deepali Massey **BROOKER**, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

Signed: \_\_\_\_\_  
Phan Shean **LIM**

\_\_\_\_\_  
Date

State of            )  
                          ) SS  
County of         )

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Phan Shean **LIM**, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

Signed: \_\_\_\_\_

Melissa CUTHBERTSON

\_\_\_\_\_

Date

State of                    }  
                                  } SS

County of                 }

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Melissa CUTHBERTSON, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

Signed: \_\_\_\_\_

Glenn Steven WARD

\_\_\_\_\_

Date

State of                    }  
                                  } SS

County of                 }

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Glenn Steven WARD, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness 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 DETERGENT COMPOSITION, Attorney's Docket No. CM3740FQL and filed in the European Patent Office as Number as Serial Number 12167780.1, on 11<sup>th</sup> May 2012. (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.)

Stefano **SCIALLA** of Via Rastrelli 81, 00128 Roma, Italy;  
Michael Stanford **SHOWELL** of Rue des Chartreux 38, 1000 Brussels, Belgium;  
Frank **HULSKOTTER** of Im Nonnengarten 41, Bad Dürkheim, D-67098 Germany;  
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Melissa **CUTHBERTSON** of 27 Hunters Court, Wallsend, Newcastle upon Tyne NE28 7NZ United Kingdom  
Glenn Steven **WARD** of 3 Willerby Drive, Gosforth, Newcastle upon Tyne, NE3 5LL United Kingdom

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

**PATENT**

**REEL: 030331 FRAME: 0931**

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: Stefano Scialla  
Stefano SCIALLA

August 20th, 2012  
Date

State of }  
                  } SS  
County of }

On this 20th day of August, 2012, before me personally appeared Stefano SCIALLA, 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.

GIULIANO MARRA  
Notary Public/Witness printed name

Giuliano Marra  
Notary Public/Witness printed name

Signed: \_\_\_\_\_  
Michael Stanford SHOWELL

\_\_\_\_\_  
Date

State of }  
                  } SS  
County of }

On this \_\_\_\_\_ day of \_\_\_\_\_, 201\_\_\_\_, before me personally appeared Michael Stanford SHOWELL, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

Signed: \_\_\_\_\_  
Frank HULSKOTTER

\_\_\_\_\_  
Date

State of }  
                  } SS  
County of }



On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Frank **HULSKOTTER**, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

Signed: \_\_\_\_\_  
Anju Deepali Massey **BROOKER**

\_\_\_\_\_  
Date

State of            }  
                          } SS  
County of         }

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Anju Deepali Massey **BROOKER**, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

Signed: \_\_\_\_\_  
Phan Shean **LIM**

\_\_\_\_\_  
Date

State of            }  
                          } SS  
County of         }

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Phan Shean **LIM**, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

Signed: \_\_\_\_\_  
Melissa CUTHBERTSON

\_\_\_\_\_  
Date

State of                    }  
                                  } SS  
County of                 }

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Melissa CUTHBERTSON, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

Signed: \_\_\_\_\_  
Glenn Steven WARD

\_\_\_\_\_  
Date

State of                    }  
                                  } SS  
County of                 }

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Glenn Steven WARD, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

**G L O B A L   G E N E R A L   A S S I G N M E N T**

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 **DETERGENT COMPOSITION**, Attorney's Docket No. CM3740FQL and filed in the European Patent Office as Number as Serial Number 12167780.1, on 11<sup>th</sup> May 2012. (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.)

**Stefano SCIALLA** of Via Rastrelli 81, 00128 Roma, Italy;  
**Michael Stanford SHOWELL** of Rue des Chartreux 38, 1000 Brussels, Belgium;  
**Frank HULSKOTTER** of Im Nonnengarten 41, Bad Dürkheim, D-67098 Germany;  
**Anju Deepali Massey BROOKER** of 3 Flaxby Close, Gosforth Newcastle upon Tyne NE3 5LP United Kingdom;  
**Phan Shean LIM** of #09-08, Hillview Regency, 26 Bukit Batok East, Avenue 2, 659920 Singapore;  
**Melissa CUTHBERTSON** of 27 Hunters Court, Wallsend, Newcastle upon Tyne NE28 7NZ United Kingdom  
**Glenn Steven WARD** of 3 Willerby Drive, Gosforth, Newcastle upon Tyne, NE3 5LL United Kingdom

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-Ciariol, 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: \_\_\_\_\_  
Stefano SCIALLA

\_\_\_\_\_  
Date

State of            )  
                      ) SS  
County of         )

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Stefano SCIALLA, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness printed name

Signed: \_\_\_\_\_  
Michael Stanford SHOWELL

\_\_\_\_\_  
Date

State of            )  
                      ) SS  
County of         )

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Michael Stanford SHOWELL, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

Signed: \_\_\_\_\_  
Frank HULSKOTTER

\_\_\_\_\_  
Date

State of            )  
                      ) SS  
County of         )

On this \_\_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Frank **HULSKOTTER**, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

Signed:

Anju Deepali Massey **BROOKER**

\_\_\_\_\_  
Date

State of                    )  
                                  ) SS  
County of                 )

On this \_\_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Anju Deepali Massey **BROOKER**, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

Signed: PHAN SHEAN LIM  
Phan Shean **LIM**

26 SEPTEMBER 2012  
Date

State of                    )  
                                  ) SS  
County of                 )

On this 26<sup>th</sup> day of September, 2012, before me personally appeared Phan Shean **LIM**, 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.

YOGESH SURADKAR  
Notary Public/Witness printed name

  
Notary Public/Witness signature

Signed: \_\_\_\_\_

Melissa CUTHBERTSON

\_\_\_\_\_  
Date

State of            )  
                          ) SS  
County of         )

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Melissa CUTHBERTSON, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

Signed: \_\_\_\_\_

Glenn Steven WARD

\_\_\_\_\_  
Date

State of            )  
                          ) SS  
County of         )

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Glenn Steven WARD, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness 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 DETERGENT COMPOSITION, Attorney's Docket No. CM3740FQL and filed in the European Patent Office as Number as Serial Number 12167780.1, on 11<sup>th</sup> May 2012. (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.)

Stefano **SCIALLA** of Via Rastrelli 81, 00128 Roma, Italy;  
Michael Stanford **SHOWELL** of Rue des Chartreux 38, 1000 Brussels, Belgium;  
Frank **HULSKOTTER** of Im Nonnengarten 41, Bad Dürkheim, D-67098 Germany;  
Anju Deepali Massey **BROOKER** of 3 Flaxby Close, Gosforth Newcastle upon Tyne NE3 5LP United Kingdom;  
Phan Shean **LIM** of #09-08, Hillview Regency, 26 Bukit Batok East, Avenue 2, 659920 Singapore;  
Melissa **CUTHBERTSON** of 27 Hunters Court, Wallsend, Newcastle upon Tyne NE28 7NZ United Kingdom  
Glenn Steven **WARD** of 3 Willerby Drive, Gosforth, Newcastle upon Tyne, NE3 5LL United Kingdom

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: \_\_\_\_\_  
Stefano SCIALLA

\_\_\_\_\_  
Date

State of            )  
                      ) SS  
County of         )

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Stefano SCIALLA, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness printed name

Signed: \_\_\_\_\_  
Michael Stanford SHOWELL

\_\_\_\_\_  
Date

State of            )  
                      ) SS  
County of         )

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Michael Stanford SHOWELL, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

Signed: \_\_\_\_\_  
Frank HULSKOTTER

\_\_\_\_\_  
Date

State of            )  
                      ) SS  
County of         )

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Frank HULSKOTTER, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

Signed: Anju Deepali Massey-Brooker  
Anju Deepali Massey **BROOKER**

26<sup>th</sup> September 2012  
Date

State of                    }  
                                  } SS  
County of                 }

On this 26<sup>m</sup> day of September, 2012, before me personally appeared Anju Deepali Massey **BROOKER**, 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.

Susan Massey  
Notary Public/Witness printed name

S. Massey  
Notary Public/Witness signature

Signed: \_\_\_\_\_  
Phan Shean **LIM**

\_\_\_\_\_  
Date

State of                    }  
                                  } SS  
County of                 }

On this \_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me personally appeared Phan Shean LIM, 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/Witness printed name

\_\_\_\_\_  
Notary Public/Witness signature

Signed: Melissa Cuthbertson  
Melissa CUTHBERTSON

23rd November 2012  
Date

State of )  
                  ) SS  
County of )

On this 23<sup>rd</sup> day of November, 2012, before me personally appeared Melissa CUTHBERTSON, 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.

Glenn Ward  
Notary Public/Witness printed name

G Ward  
Notary Public/Witness signature

Signed: Glenn Steven Ward  
Glenn Steven WARD

23<sup>rd</sup> Nov 2012  
Date

State of )  
                  ) SS  
County of )

On this 23<sup>rd</sup> day of NOVEMBER, 2012, before me personally appeared Glenn Steven WARD, 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.

Susan Miller  
Notary Public/Witness printed name

S. Miller  
Notary Public/Witness signature