PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ricky Ah-Man WOO	01/05/2011
Steven Anthony Horenziak	01/04/2011
Rhonda Jean Jackson	01/12/2011
Zaiyou Liu	01/11/2011
Michael-Vincent Nario Malanyaon	01/05/2011
Jason John Olchovy	01/04/2011
Christine Marie Readnour	01/11/2011

RECEIVING PARTY DATA

Name:	The Procter & Gamble Company
Street Address:	1 Procter & Gamble Plaza
Internal Address:	Attention: Chief Patent Counsel
City:	Cincinnati
State/Country:	ОНІО
Postal Code:	45202

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12969639

CORRESPONDENCE DATA

(513)945-6868 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

513-983-7592 Phone: Email: mitchell.em@pg.com

Correspondent Name: The Procter & Gamble Company

Address Line 1: 299 East Sixth Street Address Line 2: Central Docketing-4th floor Address Line 4: Cincinnati, OHIO 45202

REEL: 025688 FRAME: 0196

PATENT

ATTORNEY DOCKET NUMBER:	11949
NAME OF SUBMITTER:	Amy I Ahn-Roll
Total Attachments: 16 source=11949ASGNsigned#page1.tif source=11949ASGNsigned#page2.tif source=11949ASGNsigned#page3.tif source=11949ASGNsigned#page4.tif source=11949ASGNsigned#page5.tif source=11949ASGNsigned#page6.tif source=11949ASGNsigned#page7.tif source=11949ASGNsigned#page8.tif source=11949ASGNsigned#page9.tif source=11949ASGNsigned#page10.tif source=11949ASGNsigned#page11.tif source=11949ASGNsigned#page12.tif source=11949ASGNsigned#page13.tif source=11949ASGNsigned#page14.tif source=11949ASGNsigned#page15.tif source=11949ASGNsigned#page15.tif source=11949ASGNsigned#page16.tif	

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 DISHWASHING DETERGENT COMPOSITION HAVING A MALODOR CONTROL COMPONENT AND METHODS OF CLEANING DISHWARE, Attorney's Docket No. 11949 and filed in the United States Patent Office as Number 12/969,639, on December 16, 2010. (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.)

Ricky Ah-Man Woo of 6940 Van Gordon Road, Hamilton, Ohio 45011 USA; Steven Anthony Horenziak of 8000 Elbrecht Drive, Cincinnati, Ohio 45242 USA; Rhonda Jean Jackson of 5945 Rhode Island Avenue, Cincinnati, Ohio 45237 USA; Zaiyou Liu of 8040 Stonebarn Drive, West Chester, Ohio 45069 USA; Michael-Vincent Nario Malanyaon of 6915 Hunting Horn Court, Indian Springs, Ohio, 45011; USA Jason John Olchovy of 8372 Misty Shore Drive, West Chester, Ohio 45069 USA;

Jason John Olchovy of 8372 Misty Shore Drive, West Chester, Ohio 45069 USA; Christine Marie Readnour of 41 Sunnymede Drive, Fort Mitchell Kentucky, 41017 USA.

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

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: July Signed:	~T~ ≤ 2011
Ricky Ah-Man Woo	Jon & 2011 Date
acknowledged to me that he/she executed the	2010, before me personally appeared Ricky Ah-Man med in and who executed the above instrument, and a same for the uses and purposes therein set forth. I make knowledge that knowingly making false statements herein Notary Public/Witness
Signed: Steven Anthony Horenziak	 Date
State of Ohio } SS County of Hamilton }	a Desc.
On this day of Horenziak, to me known to be the person acknowledged to me that he/she executed the	, 2010, before me personally appeared Steven Anthony named in and who executed the above instrument, and same for the uses and purposes therein set forth. I make nowledge that knowingly making false statements herein
	Notary Public/Witness

Signed:	
Rhonda Jean Jackson	Date
State of Ohio }	
State of Ohio } SS County of Hamilton }	
county of Hamilton)	
On this day of, 20 ackson, to me known to be the person named in acknowledged to me that he/she executed the same for his statement conscientiously and with the knowledged punishable by law.	and who executed the above instrument, if the uses and purposes therein set forth. In
	Notary Public/Witness
igned:	
aiyou Liu	Date
tate of Ohio } } SS	
ounty of Hamilton }	
On this day of, 2010 e known to be the person named in and who execute that he/she executed the same for the uses and pronscientiously and with the knowledge that knowled	ted the above instrument, and acknowledged uposes therein set forth. I make this statem
ounty of Hamilton }	ted the above instrument, and acknowledged uposes therein set forth. I make this statem
On this day of, 2010 e. known to be the person named in and who execute that he/she executed the same for the uses and pronscientiously and with the knowledge that known inishable by law.	ted the above instrument, and acknowledged urposes therein set forth. I make this statem ingly making false statements herein may Notary Public/Witness
On this day of, 2010 e known to be the person named in and who execute that he/she executed the same for the uses and processentiously and with the knowledge that knowled	ted the above instrument, and acknowledged urposes therein set forth. I make this statem ingly making false statements herein may Notary Public/Witness
On this day of, 2010 e known to be the person named in and who execute that he/she executed the same for the uses and pronscientiously and with the knowledge that known inishable by law.	ted the above instrument, and acknowledged urposes therein set forth. I make this statem ingly making false statements herein may Notary Public/Witness
On this day of, 2010 e known to be the person named in and who execute that he/she executed the same for the uses and proceed in the same for the use of the uses and proceed in the use of	ted the above instrument, and acknowledged urposes therein set forth. I make this statem ingly making false statements herein may Notary Public/Witness

Notary Public/Witness

Signed:			
Jason John Olchovy	1000		Date
State of Ohio	} }		
County of Hamilton	•		
Olchovy, to me kno acknowledged to me	own to be the that he/she ex tentiously and	person named in and ecuted the same for the u	efore me personally appeared Jason John who executed the above instrument, and uses and purposes therein set forth. I make knowingly making false statements herein
		-	Notary Public/Witness
Signed:			
Christine Marie Read	inour	-	Date
State of Ohio	} } SS		
County of Hamilton	}		
Readnour, to me kno acknowledged to me	own to be the that he/she ex entiously and	person named in and vecuted the same for the us	e me personally appeared Christine Marie who executed the above instrument, and ses and purposes therein set forth. I make knowingly making false statements herein
			Notary Public/Witness

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 DISHWASHING DETERGENT COMPOSITION HAVING A MALODOR CONTROL COMPONENT AND METHODS OF CLEANING DISHWARE, Attorney's Docket No. 11949 and filed in the United States Patent Office as Number 12/969,639, on December 16, 2010. (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.)

Ricky Ah-Man Woo of 6940 Van Gordon Road, Hamilton, Ohio 45011 USA; Steven Anthony Horenziak of 8000 Elbrecht Drive, Cincinnati, Ohio 45242 USA; Rhonda Jean Jackson of 5945 Rhode Island Avenue, Cincinnati, Ohio 45237 USA; Zaiyou Liu of 8040 Stonebarn Drive, West Chester, Ohio 45069 USA; Michael-Vincent Nario Malanyaon of 6915 Hunting Horn Court, Indian Springs, Ohio, 45011; USA Jason John Olchovy of 8372 Misty Shore Drive, West Chester, Ohio 45069 USA; Christine Marie Readnour of 41 Sunnymede Drive, Fort Mitchell Kentucky, 41017 USA.

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

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).

Ricky Ah-Man Woo	Date
State of Ohio } SS	
County of Hamilton }	
Woo, to me known to be the acknowledged to me that he/she e	, 2010, before me personally appeared Ricky Ah-M person named in and who executed the above instrument, a secuted the same for the uses and purposes therein set forth. I may with the knowledge that knowingly making false statements here
	Notary Public/Witness
Signed: Steven Anthony Horenziak	Date
State of Ohio } } SS	
County of Hamilton }	
Horenziak, to me known to be t acknowledged to me that he/she e	, 2010, before me personally appeared Steven Anthone person named in and who executed the above instrument, at tecuted the same for the uses and purposes therein set forth. I may with the knowledge that knowingly making false statements here
may be pumshable by law.	

Signed:	
Rhonda Jean Jackson	Date
State of Ohio } } SS	
County of Hamilton }	
On this day of, 201 Jackson, to me known to be the person named in acknowledged to me that he/she executed the same fo this statement conscientiously and with the knowledge may be punishable by law.	r the uses and purposes therein set forth. I make
	Notary Public/Witness
Signed:	1./11/2011 Date
Zaiyou Liu Y	Date
State of Ohio } SS	
County of Hamilton }	
On this day of d	Ingly making false statements herein may be Notary Public/WitnexTRICIA A. DRANE Notary Public, State of Ohio
	My Commission Expires 05-18-2013
Signed: Michael-Vincent Nario Malanyaon	Date
State of Ohio } SS County of Hamilton }	Date
On this day of, 20 Vincent Nario Malanyaon, to me known to be the prinstrument, and acknowledged to me that he/she execuset forth. I make this statement conscientiously and we statements herein may be punishable by law.	uted the same for the uses and purposes therein

Notary Public/Witness

Signed:	
Jason John Olchovy	Date
State of Ohio } } SS	
County of Hamilton }	
On this day of, 2010 Olchovy, to me known to be the person named in a acknowledged to me that he/she executed the same for this statement conscientiously and with the knowledge to may be punishable by law.	nd who executed the above instrument, and he uses and purposes therein set forth. I make
	Notary Public/Witness
Signed: Warie Readnour	
State of Ohio } SS	
County of Hamilton }	
On this // day of /2010, to Readnour, to me known to be the person named in a acknowledged to me that he/she executed the same for this statement conscientiously and with the knowledge to may be punishable by law.	nd who executed the above instrument, and he uses and purposes therein set forth. I make
	Notary Public/Witness

PATRICIA A. DRANE Notary Public, State of Ohio My Commission Expires 05-18-2013

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 DISHWASHING DETERGENT COMPOSITION HAVING A MALODOR CONTROL COMPONENT AND METHODS OF CLEANING DISHWARE, Attorney's Docket No. 11949 and filed in the United States Patent Office as Number 12/969,639, on December 16, 2010. (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.)

Ricky Ah-Man Woo of 6940 Van Gordon Road, Hamilton, Ohio 45011 USA; Steven Anthony Horenziak of 8000 Elbrecht Drive, Cincinnati, Ohio 45242 USA; Rhonda Jean Jackson of 5945 Rhode Island Avenue, Cincinnati, Ohio 45237 USA; Zaiyou Liu of 8040 Stonebarn Drive, West Chester, Ohio 45069 USA; Michael-Vincent Nario Malanyaon of 6915 Hunting Horn Court, Indian Springs, Ohio, 45011; USA Jason John Olchovy of 8372 Misty Shore Drive, West Chester, Ohio 45069 USA;

Jason John Olchovy of 8372 Misty Shore Drive, West Chester, Ohio 45069 USA; Christine Marie Readnour of 41 Sunnymede Drive, Fort Mitchell Kentucky, 41017 USA.

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

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:	
Ricky Ah-Man Woo	Date
State of Ohio } } SS	
County of Hamilton }	
On this day of, 20 Woo, to me known to be the person named in acknowledged to me that he/she executed the same this statement conscientiously and with the knowle may be punishable by law.	for the uses and purposes therein set forth. I m
	Notary Public/Witness
Signed: Steven Anthony Horenziak	 Date
State of Ohio }	
} SS County of Hamilton }	
On this day of, 20 Horenziak, to me known to be the person named acknowledged to me that he/she executed the same this statement conscientiously and with the knowled may be punishable by law.	for the uses and purposes therein set forth. I m
	Notary Public/Witness

Signed: Junden Rehan Rhonda Jean Jackson	//12/11 Date
State of Ohio }	
<pre>} SS County of Hamilton }</pre>	
On this 2 day of 2010, be Jackson, to me known to be the person hamed in and acknowledged to me that he/she executed the same for the this statement conscientiously and with the knowledge that may be punishable by law.	uses and purposes therein set forth. I make
Signed:	
Zaiyou Liu	Date
State of Ohio } SS	
County of Hamilton }	
On this day of, 2010, before known to be the person named in and who executed the me that he/she executed the same for the uses and purpos conscientiously and with the knowledge that knowingly punishable by law.	ne above instrument, and acknowledged to es therein set forth. I make this statement
	Notary Public/Witness
Signed: Michael-Vincent Nario Malanyaon	Date
State of Ohio }	244
} SS County of Hamilton }	
On this day of, 2010, Vincent Nario Malanyaon, to me known to be the person instrument, and acknowledged to me that he/she executed the set forth. I make this statement conscientiously and with the statements herein may be punishable by law.	n named in and who executed the above the same for the uses and purposes therein

Notary Public/Witness

Signed:		
Jason John Olchovy		Date
State of Ohio	} } SS	
County of Hamilton	}	
Olchovy, to me kno acknowledged to me	own to be the that he/she exe ientiously and v	, 2010, before me personally appeared Jason John named in and who executed the above instrument, and the same for the uses and purposes therein set forth. I make he knowledge that knowingly making false statements herein
		Notary Public/Witness
Signed:		
Christine Marie Read	lnour	Date
State of Ohio	} } SS	
County of Hamilton	}	
Readnour, to me knoacknowledged to me	own to be the that he/she exe entiously and w	, 2010, before me personally appeared Christine Marie on named in and who executed the above instrument, and the same for the uses and purposes therein set forth. I make ne knowledge that knowingly making false statements herein
		Notary Public/Witness

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 DISHWASHING DETERGENT COMPOSITION HAVING A MALODOR CONTROL COMPONENT AND METHODS OF CLEANING DISHWARE, Attorney's Docket No. 11949 and filed in the United States Patent Office as Number 12/969,639, on December 16, 2010. (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.)

Ricky Ah-Man Woo of 6940 Van Gordon Road, Hamilton, Ohio 45011 USA; Steven Anthony Horenziak of 8000 Elbrecht Drive, Cincinnati, Ohio 45242 USA; Rhonda Jean Jackson of 5945 Rhode Island Avenue, Cincinnati, Ohio 45237 USA; Zaiyou Liu of 8040 Stonebarn Drive, West Chester, Ohio 45069 USA; Michael-Vincent Nario Malanyaon of 6915 Hunting Horn Court, Indian Springs, Ohio, 45011; USA Jason John Olchovy of 8372 Misty Shore Drive, West Chester, Ohio 45069 USA;

Christine Marie Readnour of 41 Sunnymede Drive, Fort Mitchell Kentucky, 41017 USA.

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

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:	
Ricky Ah-Man Woo	Date
State of Ohio } } SS	
County of Hamilton }	
acknowledged to me that he/she executed the same	010, before me personally appeared Ricky Ah-Man n and who executed the above instrument, and a for the uses and purposes therein set forth. I make edge that knowingly making false statements herein
	Notary Public/Witness
Signed: St. Chr. Horenziak Steven Anthony Horenziak	SAN 1/4/2010 Date
State of Ohio } } SS	
County of Hamilton }	
Horenziak, to me known to/be the person named acknowledged to me that he/she executed the same this statement conscientiously and with the knowle	for the uses and purposes therein set forth. I make
may be punishable by law.	Patra adrane
	Notary Public/Witness

PATRICIA A. DRANE Notary Public, State of Ohlo My Commission Expires 05-18-2013

Date me personally appeared Rhonda executed the above instrument, and purposes therein set forth. It wingly making false statements havingly making false statements having Public/Witness Date Date personally appeared Zaiyou Live instrument, and acknowledge
executed the above instrument, and purposes therein set forth. It wingly making false statements havingly making false statements having Public/Witness Date Date
executed the above instrument, and purposes therein set forth. It wingly making false statements havingly making false statements having Public/Witness Date Date
executed the above instrument, and purposes therein set forth. It wingly making false statements havingly making false statements having Public/Witness Date Date
executed the above instrument, and purposes therein set forth. It wingly making false statements havingly making false statements having Public/Witness Date Date
Date Date personally appeared Zaiyou Li
e personally appeared Zaiyou Li
e personally appeared Zaiyou Li
e personally appeared Zaiyou Li
e personally appeared Zaiyou Li
e personally appeared Zaiyou Li
e personally appeared Zaiyou Li
e personally appeared Zaiyou Li
rein set forth. I make this stater ng false statements herein may
Notary Public/Witness
Date

Notary Public/Witness State of Ohio County of Hamilton On this 4 day of January, 2010, before me personally appeared Jason John Olchovy, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she 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/Witnes Notary Public, State of Ohio My Commission Expires 05-18-2013 Signed: Christine Marie Readnour Date State of Ohio } SS County of Hamilton } On this _____ day of _____, 2010, before me personally appeared Christine Marie Readnour, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she 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.

RECORDED: 01/25/2011

PATENT REEL: 025688 FRAME: 0213

Notary Public/Witness