08-21-2001 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 Patent and Trademark Office copy thereof. To the Assistant Commissioner of Pate ss of receiving party(ies): 1.Name of conveying party(ies): 101817683 Anna Vadimovna Noyes The Procter & Gamble Company John Cort Severns Name: Frederick Anthony Hartman James Charles Theophile Roger Bureker St. Laurent Internal Address: Attention: Chief Patent Counsel Arseni V. Radomyselski 6090 Center Hill Road Paul Amaat France Jeffrey John Scheibel Christiaan Arthur Jacques Kamiel Cincinnati, OH 45224 John Christopher Deak Additional name(s) & address(es) attached? ☐ Yes ☑ No Phillip Kyle Vinson Nabil Yaqub Sakkab Additional name(s) of conveying party(ies) attached: 3. Nature of conveyance: Assignment Merger Security Agreement П Change of name Other_ Execution Date: <u>June 5, 2001; June 12, 2001; June 14, 2001; June 15, 2001; June 5, 2001; June 5, 2001; June 12, 2001; June 13, 2001; June 14, 2001; June 15, 2001; June 15, 2001; June 16, 2001; June 16, 2001; June 17, 2001; June 18, 2001; June 18</u> 5, 2001; June 7, 2001; and July 11, 2001 4.Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s). 09/849,843 B. Patent No(s). Date Filed: May 4, 2001 P&G Case: 8120

5.Name and address of party to whom correspondence concerning	6.Total number of applications and patents involved: [1]
document should be mailed:	
Name: Central Docketing; Box 474	7. Total fee (37 CFR 3.41):\$40.00
Internal Address: THE PROCTER & GAMBLE COMPANY	☐ Enclosed
Street Address: Ivorydale Technical Center	☑ Authorized to be charged to deposit account
5299 Spring Grove Avenue	
Cincinnati, Ohio 45217	8. Deposit account number:
2001 AAHMED1 00000085 162480 09849843	16-2480 (Attach duplicate copy of this page if paying by deposit account)
581 40.00 CH / DO NOT USE THIS	SPACE
9.Statement and signature. To the best of my knowledge and belief, the foregoing information is copy of the original document. C. Brant Cook Name of Person Signing Total number of pages	August 8, 2001
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Additional numbers attached? ☐ Yes ☑ No

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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 a certain invention as set forth in a patent application (including industrial designs and utility models) entitled **METHOD FOR TREATING OR CLEANING FABRICS**, Attorney's Docket No. **8120** and filed in the **US** Patent Office as Number **09/849,843**, on **May 4, 2001** (the hereinafter named assignee being authorized to insert said Number and filing date when ascertained):

Anna Vadimovna Noyes of Hamilton, County of Butler, State of Ohio;
John Cort Severns of West Chester, County of Butler, State of Ohio;
Frederick Anthony Hartman of Cincinnati, County of Hamilton, State of Ohio;
James Charles Theophile Roger Burckett-St. Laurent of Lasne, Belgium;
Arseni V. Radomyselski of Hamilton, County of Butler, State of Ohio;
Paul Amaat France of West Chester, County of Butler, State of Ohio;
Jeffrey John Scheibel of Loveland, County of Clermont, State of Ohio;
Christiaan Arthur Jacques Kamiel Thoen of West Chester, County of Butler, State of Ohio;
John Christopher Deak of West Chester, County of Butler, State of Ohio;
Phillip Kyle Vinson of Fairfield, County of Butler, State of Ohio;
Nabil Yaqub Sakkab of Cincinnati, County of Hamilton, State of Ohio;

I/We made said invention set forth in said patent application while employed by, or otherwise under an obligation to assign said invention 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 Far East, Inc.; Procter & Gamble Hong Kong Ltd.; 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) Ltd.; Procter & Gamble (Guangzhou) Ltd.; Procter & Gamble de Mexico; and Procter & Gamble de Venezuela) and acknowledge my/our obligation at the time the invention was made to assign said invention 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, I/we assign to The Procter & Gamble Company, its legal representatives, successors and assigns, the entire right, title and interest (including the right to claim priority of the filing date of said patent application under international conventions) in said invention as set forth in said patent application, and in all patents of the United States and of any other country which may be issued for said invention, 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 applications, 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 the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention herein assigned and as set forth in U. S. Application Serial Number 09/849.893 (the hereinafter named assignee being authorized to insert said U.S. Serial Number when ascertained) 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 and the invention and the invention covered thereby.

The ASSIGNMENT of said invention is effective as of the earlier of 1) the date of execution shown below or 2) the filing date of said patent application.

Anna Vadimovna Noyes State of Ohio State of Ohio SS County of Hamilton On this 5 day of, 2001, before me personally appeared Anna Vadimovn Noyes, 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.	anavadmoing hoyes	06/05/2001
SS County of Hamilton On this 5 day of, 2001, before me personally appeared Anna Vadimovn Noves, to me known to be the person named in and who executed the above instrument, and acknowledged to		Date
On this 5 day of 1000, 2001, before me personally appeared Anna Vadimovn Noyes, to me known to be the person named in and who executed the above instrument, and acknowledged to		
Noyes, to me known to be the person named in and who executed the above instrument, and acknowledged in the that he/she executed the same for the uses and purposes therein set forth.	On this 5 day of June , 2	001, before me personally appeared Anna Vadimovna
	Noyes, to me known to be the person named in and we me that he/she executed the same for the uses and pure that he/she executed the same for the uses and pure the same for the same for the uses and pure the same for the same fo	tho executed the above instrument, and acknowledged to process therein set forth.

Notary Public/Witness

SARA A. KLEIN Notary Public, State of Ohio My Commission Expires April 11, 2005

PATENT

REEL: 012080 FRAME: 0357

John Cort Severns	12 June 2001 Date
State of Ohio } SS County of Hamilton }	
On this day of the derson named and who exto me that he/she executed the same for the descriptions	Motary Public/Witness
	Notary Public, State of Ohio Commission Expires Aug. 30, 2003
I rederick Anthony Hartman	14 June 01 Date
State of Ohio } SS County of Hamilton On this Hamilton day of Hartman, to me known to be the merson named in and who expenses to me known to be the merson named in and who expenses to me known to be the merson named in and who expenses to me known to be the merson named in and who expenses to me known to be the merson named in and who expenses to me known to be the merson named in and who expenses to merson named in an analysis to merson named in an	
On this day of d	coated the above metrament, and acknowledged
PARIAL SEA	Must M. Shiring Motary Public Witness
TE OF O	BRIDGET M. STROBL Notary Public, State of Otho My Commission Expires Aug. 30, 2003
James Charles Theophile Roger Burckett-St. Laurent	Date
Witness to the signature of inventor James Charles Theophile	Roger Burckett-St. Laurent, on this day of
	Witness

Codows.	6-5-01
Arseni V Radomyselski	Date
State of Ohio }	
County of Hamilton }	
On this 5 day of 10 day of	, 2001, before me personally appeared Arseni V. Radomyselski, in and who executed the above instrument, and acknowledged to me that is and purposes therein set forth. Sara A KLEIN Notary Public, State of Ohio My Commission Expires April 11, 2005
Paul Amaat France	6-5-01 Date
	Date
State of Ohio } State of Ohio } SS County of Hamilton }	
On this 5 day of 4 me known to be the person named in he/she executed the same for the uses	, 2001, before me personally appeared Paul Amaat France, to and who executed the above instrument, and acknowledged to me that and purpose therein set forth. Sara A Klein Notary Public. State of Ohio My Commission Expires April 11, 2005
State of Ohio	6/12/01 Date
On this day of to me known to be the person named he/she executed the same for the uses	

Michain Arthur Jacques Kamiel Thoen Christiaan Arthur Jacques Kamiel Thoen	6/12/01
Christiaan Arthur Jacques Kamiel Thoen	Date
State of Ohio } SS	
County of Hamilton }	
On this day of , 2001, being Jacques Kamiel Thoen, to me known to be the person named acknowledged to me that he/she executed the same for the use	
STATE OF OR	Notary Public/Witness BRIDGET M. STROBL Notary Public, State of Ohio My Commission Expires Aug. 30, 200.
John Christopher Deak	6/5/01 Date
State of Ohio }	
SS County of Hamilton }	
On this 5 day of, 2001, before to me known to be the person named in and who executed the he/she executed the same for the uses and purposes therein se	above instrument, and acknowledged to me that
Phillip Kyle Vinson	6/7/01 Date
State of Ohio }	
SS SOunty of Hamilton }	
On this	Notary Public/Witness BRIDGET M. STROBL State of Ohio
OF Other	My Commission Expires Aug. 30, 2003

Mabil Yaqub Sakkab	foldels	3 ///Date	101	
State of Ohio County of Hamilton	} ss }			Jan Landerson
me known to be the pe	day of, erson named in and who ime for the uses and purpo	, 2001, before me personally executed the above instrum oses therein set forth.	appeared Nabil Yaques ent, and acknowledged a	akkab to me that.

Notary Public/Witness

LESLIE S. PANG

Notary Public, State of Ohio

My Commission Expires Nov. 6, 2003

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 a certain invention as set forth in a patent application (including industrial designs and utility models) entitled **METHOD FOR TREATING OR CLEANING FABRICS**, Attorney's Docket No. **8120** and filed in the **US** Patent Office as Number **09/849,843**, on **May 4**, **2001** (the hereinafter named assignee being authorized to insert said Number and filing date when ascertained):

Anna Vadimovna Noyes of Hamilton, County of Butler, State of Ohio;
John Cort Severns of West Chester, County of Butler, State of Ohio;
Frederick Anthony Hartman of Cincinnati, County of Hamilton, State of Ohio;
James Charles Theophile Roger Burckett-St. Laurent of Lasne, Belgium;
Arseni V. Radomyselski of Hamilton, County of Butler, State of Ohio;
Paul Amaat France of West Chester, County of Butler, State of Ohio;
Jeffrey John Scheibel of Loveland, County of Clermont, State of Ohio;
Christiaan Arthur Jacques Kamiel Thoen of West Chester, County of Butler, State of Ohio;
John Christopher Deak of West Chester, County of Butler, State of Ohio;
Phillip Kyle Vinson of Fairfield, County of Butler, State of Ohio;
Nabil Yaqub Sakkab of Cincinnati, County of Hamilton, State of Ohio;

I/We made said invention set forth in said patent application while employed by, or otherwise under an obligation to assign said invention 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 Far East, Inc.; Procter & Gamble Hong Kong Ltd.; 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) Ltd.; Procter & Gamble (Guangzhou) Ltd.; Procter & Gamble de Mexico; and Procter & Gamble de Venezuela) and acknowledge my/our obligation at the time the invention was made to assign said invention 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, I/we assign to The Procter & Gamble Company, its legal representatives, successors and assigns, the entire right, title and interest (including the right to claim priority of the filing date of said patent application under international conventions) in said invention as set forth in said patent application, and in all patents of the United States and of any other country which may be issued for said invention, 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 applications, 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 the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention herein assigned and as set forth in U. S. Application Serial Number <u>09/849,893</u> (the hereinafter named assignee being authorized to insert said U.S. Serial Number when ascertained) 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 and the invention and the invention covered thereby.

The ASSIGNMENT of said invention is effective as of the earlier of 1) the date of execution shown below or 2) the filing date of said patent application.

Anna Vadimovna Noy	/es	Date
State of Ohio	} } SS	
County of Hamilton	} 33	•
Journey of Flammon	j	
On this	dav of	, 2001, before me personally appeared Anna Vadimovna
Noves, to me known	to be the person na	, 2001, before me personally appeared Anna Vadimovna med in and who executed the above instrument, and acknowledged to
Noves, to me known	to be the person na	, 2001, before me personally appeared Anna Vadimovna amed in and who executed the above instrument, and acknowledged to e uses and purposes therein set forth.
Noves, to me known	to be the person na	amed in and who executed the above instrument, and acknowledged to
Noves, to me known	to be the person na	amed in and who executed the above instrument, and acknowledged to

John Cort Severns	-	Date	
State of Ohio	}		
County of Hamilton	SS }		
Severns, to me known	day of n to be the person named in ar cuted the same for the uses and	, 2001, before me personally appeared J nd who executed the above instrument, and acknowled d purposes therein set forth.	lohn Cort owledged
		Notary Public/Witness	
Frederick Anthony Ha	rtman	Date	
State of Ohio County of Hamilton	} } SS		
Hartman, to me know	_ day of, 2 n to be the person named in ar cuted the same for the uses and	2001, before me personally appeared Frederick nd who executed the above instrument, and ackn d purposes therein set forth.	Anthony owledged
		Notary Public/Witness	
		Ham June 15- 2001	
James Charles Theop	hile Roger Burckett-St. Laurent	Date	
Witness to the signatu		Theophile Roger Burckett-St. Laurent, on this LSK.	day of
		Witness SALOBS Jaco	puline

Arseni V. Radomyselski	Date
State of Ohio } } SS County of Hamilton }	
On this day of to me known to be the person named in the/she executed the same for the uses	, 2001, before me personally appeared Arseni V. Radomyselski, n and who executed the above instrument, and acknowledged to me that and purposes therein set forth.
	Notary Public/Witness
Paul Amaat France	Date
State of Ohio } } SS County of Hamilton }	
On this day of me known to be the person named in ne/she executed the same for the uses	, 2001, before me personally appeared Paul Amaat France, to and who executed the above instrument, and acknowledged to me that and purposes therein set forth.
	Notary Public/Witness
Jeffrey John Scheibel	Date
State of Ohio } SS County of Hamilton }	
On this day of to me known to be the person named in the/she executed the same for the uses	, 2001, before me personally appeared Jeffrey John Scheibel, n and who executed the above instrument, and acknowledged to me that and purposes therein set forth.
	Notary Public/Witness

PATENT ----- REEL: 012080 FRAME: 0364

Christiaan Arthur Jacq	ues Kamiel Thoen	Date	
State of Ohio County of Hamilton	} } SS }		
On this Jacques Kamiel Thoe	n, to me known to be the		sonally appeared Christiaan Arthuexecuted the above instrument, anses therein set forth.
		No	otary Public/Witness
John Christopher Dea	 K	Date	
State of Ohio	}		a^{*}
County of Hamilton	} SS }		
	e person named in and who ame for the uses and purp	oses therein set forth.	ment, and acknowledged to me the
Phillip Kyle Vinson		Date	
State of Ohio	}		
County of Hamilton	} } SS }		
On this me known to be the p	day of person named in and who ame for the uses and purp	_, 2001, before me personal executed the above instruroses therein set forth.	ally appeared Phillip Kyle Vinson, ment, and acknowledged to me th
		No	otary Public/Witness

Nabil Yaqub Sakkab			Ī	Date				
State of Ohio County of Hamilton	} }							
County of Hamilton	}							
On this me known to be the he/she executed the	•	and who exec	uted the abo	ove instru	lly appeai ment, and	ed Nabil \ lacknowle	∕aqub Sał edged to i	kkab, to me tha
			-	N _t	otary Pub	ic/Witness	 5	

PATENT
RECORDED: 08/13/2001 REEL: 012080 FRAME: 0366