	MRD				
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To the Honorable	Commissioner of Pate	ents		inal documents or copy thereof.	
1.Name of convey		<u>ents</u>		ess of receiving party(ies):	
Annel	Joseph Curro ke M. Kaminski	101166	716	The Procter & Gamble Company	
Georg	ele Ann Mansfield ge Christopher Dobrir in Zhang	s) attached: □ Yes ⊠ No	Internal Add	ress: <u>Attention: General Counsel - Patents</u>	
		es) attached: ☐ Yes ☑ No	10:27	6090 Center Hill Avenue	
3. Nature of conve	yance:			Cincinnati, OH 45224-1792	
⊠ Assignm	nent 🗆	Merger	Additional name(s) & address(es) attached? □ Yes ☒ No	
☐ Security	Agreement	Change of name			
☐ Other					
Execution Date: May 24, 1999, May 25, 1999					
4.Application num	ber(s) or patent numb	per(s):			
If this document is being filed together with a new application, the execution date of the application is:					
A. Patent Application No(s). 09/318,046 B. Patent No(s). Date Filed: May 25, 1999 P&G Case: 7166					
		Additional numbers	attached? □ Yes ⊠	No	
5.Name and addre	ess of party to whom	correspondence concerning	6.Total number of a	oplications and patents involved: [1]	
document should	be mailed:				
Name:	Roddy M. Bullock		7. Total fee (37 CF	R 3.41):\$40.00	
Internal Address:	THE PROCTER & C	GAMBLE COMPANY	☐ Enclosed		
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> **PATENT REEL: 010287 FRAME: 0289**

ASSIGNMENT

We made such invention set forth in said patent application and set forth in whole or in part in said provisional patent application while employed by The Procter & Gamble Company, and acknowledge our obligation at the time the invention was made to assign said invention to The Procter & Gamble Company. Pursuant to said obligations, 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 and the filing date of said provisional patent application under international conventions, in said invention as set forth in said patent application and as set forth in whole or in part in said provisional patent application, and in all patents of the United States and of any foreign country which may be issued for said invention, as fully and completely as the same would have been held by us had this assignment not been made. The entire right, title and interest shall vest irrevocably in The Procter & Gamble Company. We further agree, upon request, to execute or assent to foreign 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.

And we request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said 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 covered thereby.

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

JØHN JOSEPH CURRO

ANNEKA M. KAMINSKI

MICHELE ANN MANSFIELD

GEORGE CHRISTOPHER DÖBRIN

PATENT REEL: 010287 FRAME: 0290

STATE OF OHIO } } SS				
COUNTY OF HAMILTON }				
On this day of JOHN J. CURRO to me known to be the person name				
and acknowledged to me that he executed the same for the	e uses and purposes therein set forth.			
	Hathlen a moore			
and the state of t	KATHLEEN A. MOORE			
	Notary Public, State of Ohio			
STATE OF OHIO } SS	My Commission Expires Nov. 27, 2003			
COUNTY OF HAMILTON }				
On this day of how, ANNEKA M. KAMINSKI to me known to be the pe instrument, and acknowledged to me that she executed the forth.	rson named in and who executed the above			
STATE OF OHIO }	Notary Public, State of Ohio			
	My Commission Expires Nov. 27, 2003			
COUNTY OF HAMILTON } SS	my dominission Expires Nov. 27, 2003			
On this And day of 1999, before me personally appeared MICHELE ANN MANSFIELD to me known to be the person named in and who executed the above instrument, and acknowledged to me that she executed the same for the uses and purposes therein set forth.				
	Hathler a. moca			
	KATHETH A. MOORE			

PATENT REEL: 010287 FRAME: 0291

Flotany Foren State of Con-

STATE OF OHIO } } SS	s.
COUNTY OF HAMILTON }	
On this $\frac{25+}{}$ day o	of May, 1999, before me personally appeared RIN to me known to be the person named in and who executed the
GEORGE CHRISTOPHER DOBI	RIN 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.	
	Hathlen a moon
A COLLEGE CONTRACTOR	KATHLEEN A. MOORE
STATE OF OHIO }	Notary Public, State of Ohio My Commission Expires Nov. 27, 2003
STATE OF OHIO } COUNTY OF HAMILTON }	S
On this 21th day of	f Muy, 1999, before me personally appeared known to be the person named in and who executed the above
JIANBIN (NMN) ZHANG to me I	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.	
	Hathler a macie

RECORDED: 10/04/1999

PATENT REEL: 010287 FRAME: 0292

KATHLEEN A. MOORE Notary Public, State of Onic My Commission Francisco