P&G HC PATENT DIV.

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Frank Delmar Macaulay Judd Dylan Olson David James Ermons John Paul Boros  Additional name(s) of conveying party(ies) attached:   Yes   No    Nature of conveyance:	(Rev. 10/02)				
Frank Delmar Macaulay Judd Dylan Olson David James Ermons John Paul Boros  Additional name(s) of conveying party(ies) attached:   Yes   No    Nature of conveyance:	To the Honorab	le Commissioner of F	Patents and Tradomorks: Classes		
Frank Definar Macaulay Judd Dylan Olson David James Errmons Jourd James Errmons John Paul Boros  Additional name(s) of conveying party(ies) attached:   Yes   No  Nature of conveyance:	1.Name of conv	eying party(ies):	cterits and frademarks. Please	record the attached original do 2.Name and address of r	cuments or copy thereof.
David James Emmons John Paul Boros John Paul Boros Additional name(s) of conveying party(ies) attached:    Yes    No    Nature of conveyance:    Security Agreement    Merger    Additional name(s) & address(es) attached?    Yes    Internal Address:    Additional name(s) & address(es) attached?    Yes    Internal Address(es)					·
Additional name(s) of conveying party(ies) attached: □ Yes 図 No  Additional name(s) of conveying party(ies) attached: □ Yes 図 No  A Nature of conveyance:  Security Agreement □ Change of name □ Other_  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). 297190.619  B. Patent No(s).  Security Agreement □ Change of name □ Other_  Additional numbers attached? □ Yes 図 No  Name and address of party to whom correspondence concerning  Security Agreement □ Change of name □ Other Deathers of party to whom correspondence concerning  Additional numbers attached? □ Yes 図 No  Security Agreement □ Change of name □ Other Agreement □ Change of name □ Other Deathers of party to whom correspondence concerning □ Additional numbers attached? □ Yes 図 No  Security Agreement □ Change of name □ Other Deathers of Deathers of the application is: □ Other Deathers of Deathers of Deathers of Change of Change of No  Security Additional name(s) & additional name(				Name;	The Procter & Gamble Company
Assignment   Merger   Additional name(e) & addreas(es) attached?   Yes ID No				Internal Address:	Attention: Chief Patent Counsel
Additional name(s) & address(es) attached?   Yes © No    Other	Additional name	(s) of conveying part	/(ies) attached: □ Yes 区 No		6090 Center Hill Road
Security Agreement	<ol><li>Nature of con</li></ol>	veyance:			Clncinnati, OH 45224
Continuation (Center - Box 151)    Other	⊠ Assigr	nment 🗆	i Merger	Additional name(s) & add	ress(es) attached? 口Yes 図 No
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), 29/160,619 Date Filed: April 25, 203 Condifimation No.; 2074 P&G Gase: D833  Additional numbers attached? □ Yes ☑ No  Name and address of party to whom correspondence concerning pourent should be malled:  The PROCTER & GAMBLE COMPANY Feet Address:  Intellectual Property Division Winton Hill Technical Center - Box 151 5110 Center Hill Avenue Cincinnati, QH 45224  DO NOT USE THIS SPACE  Statement and signature.  To the bast of my knowledge and belief, the foregging information is true and correct and any attached copy is a true copy of the original document.  Lori Deatherage Name of Person Signing  Name of Person Signing  B. Patent No(s).  Chatal number of applications and patents involved: [1]  7. Total fee (37 CFR 3.41):	☐ Securi	ity Agreement 🗆	Change of name		
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), 29/180,619 Date Filed: April 25, 2003 Confirmation No.: 2074 P&G Case: D833  Additional numbers attached? □ Yes ☑ No  Name and address of party to whom correspondence concerning occurrent should be malled:  7. Total fee (37 CFR 3.41):	☐ Other_				
If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No(s), 29/180,619 Date Filed: April 25, 2003 Confirmation No.: 2074 P&G Case: D333  Additional numbers attached? □ Yes ☒ No  Name and address of party to whom correspondence concerning ocument should be malled:  ame: CENTRAL DOCKETING THE PROCTER & GAMBLE COMPANY terest Address: Intellectual Property Division Winton Hill Technical Center - Box 161 6110 Center Hill Avenue Cincinnati, QH 45224  DO NOT USE THIS SPACE  Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Lori Deatherage Name of Person Signing  Name of Person Signing  Additional numbers attached? □ Yes ☒ No  6. Total number of applications and patents Involved: [1]  7. Total fee (37 CFR 3.41);	Execution Date:	07/22/2003; 07/24/2	003	_	
A Patent Application No(s). 29/180,619 Date Filed: April 25, 2003 Confirmation No.; 2074 P&G Case: D833  Additional numbers attached? □ Yes ☑ No  Name and address of party to whom correspondence concerning occurrent should be mailed:  ame: CENTRAL DOCKETING THE PROCTER & GAMBLE COMPANY reet Address: Intellectual Property Division Winton Hill Technical Center – Box 161 Si110 Center Hill Avenue Cincinnati, QH 45224  DO NOT USE THIS SPACE  Statement and signature. To the bast of my knowledge and belief, the foregging information is true and correct and any attached copy is a true copy of the original document. Lori Deatherage Name of Person Signing  Name of Person Signing  Additional numbers attached? □ Yes ☑ No  6. Total number of applications and patents involved: [1]  7. Total fee (37 CFR 3.41):	4.Application nur	nber(s) or patent nun	nber(s):		. , , , , , , , , , , , , , , , , , , ,
A Patent Application No(s). 29/180,619 Date Filed: April 25, 2003 Confirmation No.; 2074 P&G Case: D833  Additional numbers attached? □ Yes ☑ No  Name and address of party to whom correspondence concerning occurrent should be mailed:  ame: CENTRAL DOCKETING THE PROCTER & GAMBLE COMPANY reet Address: Intellectual Property Division Winton Hill Technical Center – Box 161 Si110 Center Hill Avenue Cincinnati, QH 45224  DO NOT USE THIS SPACE  Statement and signature. To the bast of my knowledge and belief, the foregging information is true and correct and any attached copy is a true copy of the original document. Lori Deatherage Name of Person Signing  Name of Person Signing  Additional numbers attached? □ Yes ☑ No  6. Total number of applications and patents involved: [1]  7. Total fee (37 CFR 3.41):	If this docur	nent is being filed tog	pether with a new application, the	execution date of the annlication	on is:
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Name and address of party to whom correspondence concerning cournent should be malled:  ame: CENTRAL DOCKETING 7. Total fee (37 CFR 3.41);	Date File Confirm	ed: April 25, 2003 ation No.; 2074	100(0.10	в. Patent No(s).	
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ternal Address: The PROCTER & GAMBLE COMPANY  reet Address: Intellectual Property Division  Winton Hill Technical Center – Box 161  6110 Center Hill Avenue  Cincinnati, QH 45224  DO NOT USE THIS SPACE  Statement and signature.  To the bast of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Lori Deatherage  Name of Person Signing  Name of Person Signing  Tetal fee (37 CFR 3.41):\$40.00  Authorized to be charged to deposit account  S. Deposit account number:  (Attach duplicate copy of this page if paying by deposit account)  July 29, 2003  Date			•	The second secon	o and paterns involved. [1]
ternal Address: The PROCTER & GAMBLE COMPANY  reet Address: Intellectual Property Division  Winton Hill Technical Center – Box 161  6110 Center Hill Avenue  Cincinnati, QH 45224  DO NOT USE THIS SPACE  Statement and signature.  To the bast of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Lori Deatherage  Name of Person Signing  Name of Person Signing  Tetal fee (37 CFR 3.41):\$40.00  Authorized to be charged to deposit account  S. Deposit account number:  (Attach duplicate copy of this page if paying by deposit account)  July 29, 2003  Date	lame:	CENTRAL DOCKE	TING		<del></del>
Authorized to be charged to deposit account  Winton Hill Technical Center – Box 161 6110 Center Hill Avenue Cincinnati, OH 45224  BY Authorized to be charged to deposit account  8. Deposit account number:  (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Lori Deatherage  Name of Person Signing  Signature  Date				7. Total fee (37 CFR 3.41);	\$40.00
Winton Hill Technical Center – Box 161 6110 Center Hill Avenue 8. Deposit account number: Cincinnati, OH 45224 16-2480  (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  Statement and signature. To the bast of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Lori Deatherace  Name of Person Signing Signature  Date			<u></u>	☐ Enclosed	
6110 Center Hill Avenue  Cincinnati, QH 45224  DO NOT USE THIS SPACE  Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Lori Deatherage  Name of Person Signing  Signature  Signature  Statement and signature.  July 29, 2003  Date	Street Address:	Intellectual Propert	<u>v Divis</u> ion	☑ Authorized to be cha	rged to deposit account
Cincinnati, QH 45224  (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Lori Deatherage  Name of Person Signing  Signature  16-2480  Date		Winton Hill Technic	al Center - Box 161		
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document,  Lori Deatherage  Name of Person Signing  Signature  Date	-		<u> </u>		
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> PATENT REEL: 013838 FRAME: 0253

## 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 Fluidic Cartridge End Piece, Attorney's Docket No. D833 and filed in the United States Patent Office as Number 29/180,619, on April 25, 2003 (the hereinafter named assignee being authorized to insert said Number and filing date when ascertained):

Frank Delmar Macaulay of 689 Balbriggan Court, Cincinnati, OH 45255; Judd Dylan Olson of 5637 Glen Avenue, Minnetonka, MN 55345; David James Emmons of 670 Windmere Curve, Plymouth, MN 55441; John Paul Boros of 801 Robert Avenue North, Maple Lake, MN 55358;

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.; P&G Northeast Asia Pte Ltd; Max Factor K.K.; P&G K.K.; Procter & Gamble Asia Pte. Limited; Procter & Gamble de Mexico; Procter & Gamble de Venezuela; PUR Water Purification Products, inc.; and P&G-Clairol, Inc.) and acknowledge my/our obligation at the time the invention was made to assign said invention to The Procter & Gamble Company or one of its Affiliates. Pursuant to above-said obligation, I/we assign to PUR Water Purification Products, Inc., 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 PUR Water Purification Products, Inc. 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 PUR Water Purification Products, Inc., their 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 29/180,619 (the hereinafter named Assignees being authorized to insert said U.S. Serial Number when ascertained) to PUR Water Purification Products, Inc., 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 the first-filed of said patent application(s).

Harra Velevar Macanel

Frank Delmar Macaulay

State of CAL

County of

, 2003, before me personally appeared Frank Delmar Macaulay, to me known to be the On this \_\_\_\_\_\_\_day of \_\_\_\_\_\_\_\_ 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.

Notary Public/Witness

APRIL L. LANE Notary Public, State of Ohio My Commission Expires 06-07-05

**PATENT** REEL: 013838 FRAME: 0254

Attorney Docket Number D833 Page 2 of

Judd Dyan Olson	7-/24/ 87 Date
State of Primary Star } State of Primary Star } SS County of Hernepin	
On this 24 day of 2003, before me personally named in and who executed the above instrument, and acknowledged to me to set forth.	y appeared Judd Dylan Olson, to me known to be the persor that he executed the same for the uses and purposes therein
PAULA M. WOLK NOTARY PUBLIC - MINNESOTA My Commission Expires Jen. 31, 2005	Notary Publik Witness
David James Emmons	7/24/03 Date
State of France Softe } ss	
On this 21 day of person named in and who executed the above instrument, and acknowledged therein set forth.	Iv appeared David James Emmons, to me known to be the to me that he executed the same for the uses and purposes
PAULA M. WOLK NOTARY PUBLIC - MINNESOTA My Commission Expires Jan. 31, 2005	Notary Public/Witness
John Paul Boros	7-24-0_3 Date
State of Minnesota } ss County of Herneyin }	
On this 4 day of 2003, before me personally named in and who executed the above instrument, and acknowledged to me the set forth.	appeared John Paul Boros, to me known to be the person at he executed the same for the uses and purposes therein

PAULA M. WOLK NOTARY PUBLIC - MINNESOTA My Commission Expires 181. 31, 2005

**RECORDED: 07/29/2003**