FORM PTO - 1595 SHEETU.S. DEPARTMENT OF COMMERCE 1-31-92Patent and Trademark Office 102019270 To the Honorable Commissioner of Patents documents or copy thereof 1. Name of conveying party(ies): 2. Name and address of receiving party (ies): Ravi Subramanyam Malcolm Williams Name: Colgate-Palmolive Company Internal: Petros Gebreselassie Address: Xiaoyan Liu Angelo Zaccagnino Street: 300 Park Avenue James G. Masters 2 2502 City: State: New York Zip 100 3. Nature of conveyance: ■ Assignment Security Agreement ☐ Change of Name ☐ Other Execution Date: 1/2/01; 1/2/01; 1/3/01; 1/3/01; 1/3/01; 1/3/01 4. Application number (s) or patent number (s): Patent No. 09/753,854, Attorney Docket Number IR 6450-00 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning 6. Total Number of applications and patents involved: 1 document should be mailed: COLGATE-PALMOLIVE COMPANY Name: PATENT DEPARTMENT Internal Address: Street A Idress: 909 RIVER ROAD P.O. BOX 1343 City: PISCATAWAY State: NJ Zip: 08855-1343 7. Total Fee (37 CFR 3.41) \$40.00 Enclosed Authorized to be charged to deposit account 03-2455 8. Deposit account number: 03-2455 (If any additional fee is required, please charge to 09753854 03/15/2002 AAHMED1 00000145 032455 our Deposit Account No. 03-2455) 01 FC: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 true and correct and any attached copy is a true copy of the original document. Michael J. McGreal, Reg. No. 25,356 Attorney Docket No.: IR 6450-00 Total number of pages including cover sheet: CERTIFICATE OF MAILING I hereby certify that the paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Post Office to the Addresee" service under 37 CFR 1.10 addressed to the BOX ASSIGNMENTS, Commissioner for Patents, The U.S. Patent and Trademark Office, Washington, D.C. 20231 Via First-class mail on February 4, 2002. Maria V. Logatto (Signature of person mailing paper)

> PATENT REEL: 012669 FRAME: 0109

ASSIGNMENT

WHEREAS, we, Ravi Subramanyam, Malcolm Williams, Petros Gebreselassie, Xiaoyan Liu, Angelo Zaccagnino, James G. Masters (below referred to as ASSIGNORS, residing, respectively, as set forth hereinafter, have made an invention for which application for Letters Patent of the United States was filed in the United States Patent and Trademark Office as Application Serial No. 09/753,854 filed 1/3/01 naming the ASSIGNORS as an inventor, and entitled Dual Component Dentifrice for Reducing Mouth Odors; and

WHEREAS, Colgate-Palmolive Company, a corporation duly organized and existing under the laws of the State of Delaware, United States of America and having its principal office and place of business at 300 Park Avenue, New York, New York 10022, and offices and place of business at 909 River Road, Piscataway, New Jersey 08855 (below referred to as "ASSIGNEE"), is desirous of obtaining the entire right, title and interest in and to the aforesaid invention and patent application and corresponding patent rights worldwide;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS, by these presents do sell, assign and transfer to ASSIGNEE, the full and exclusive right, title and interest in and to the aforesaid invention, the aforesaid U.S. and all corresponding foreign patent applications, all divisional, continuation, continuation-in-part, reissue and reexamination applications of the aforesaid U.S. application, and all Letters Patent or comparable rights issuing thereon in the United States and in all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNORS hereby authorize and request the U.S. Commissioner of Patents and Trademarks and all foreign Patent Offices to issue all Letters Patent or comparable rights issuing on any application as aforesaid to ASSIGNEE, or to its successors, assigns or legal representatives;

ASSIGNORS hereby covenant that ASSIGNORS have full right to convey the entire interest herein assigned, and that ASSIGNORS have not executed, and will not execute, any agreement in conflict herewith;

ASSIGNORS agree to communicate to ASSIGNEE or to its successors, assigns or legal representatives any and all facts known to them or any of them respecting said invention, and without further remuneration to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and reexamination applications, make all rightful oaths and generally do all lawful acts to aid ASSIGNEE or its successors, assigns or legal representatives to obtain and enforce proper patent protection for said invention in all countries and to enhance or perfect ASSIGNEE's title in and to the invention and patent rights therein.

ASSIGNORS hereby authorize attorneys for ASSIGNEE to enter on this document any applicable serial numbers and filing dates after ASSIGNORS' execution of this document.

This Assignment is effective as of: January 3, 2001.

Page 1 of 3

IN TESTIMONY WHEREOF, I hereunto	set my hand and seal this 🗾 day of
	Krowy No
•	Xiaoyan Liu
Address:	320 Becker Street
	Highland Park, New Jersey 08904, USA
State of New Jersey County of Middlesex	
On this Bulday of January	2001, before me, a Notary Public in and
for the State and County aforesaid, personally app	2001, before me, a Notary Public in and beared the above signatory, known to me to be the
person of that name, who executed the foregoing in	strument in my presence.
MARIA V. LOGATTO Notary Public of New Jersey My Commission Expires 8/8/2005	NOTARY PUBLIC D
IN TESTIMONY WHEREOF, I hereunto	set my hand and seal this 😞 day of
Villmicon 2001.	. 7
	(aglo dange
Address:	Angelo Zaccagnino 72 Townsend Street
1.22.300	Milltown, New Jersey 08850, USA
State of New Jersey County of Middlesex	4 2001 Left and New Politicisms
for the State and County aforesaid, personally appresson of that name, who executed the foregoing ins	2001, before me, a Notary Public in and beared the above signatory, known to me to be the strument in my presence.
MARIA V. LOGATTO	
Notary Public of New Jersey	Marie C. Logetto
My Commission Expires 8/8/2005	NOTARY PUBLIC
IN TESTIMONY WHEREOF, I hereunto 2001.	set my hand and seal this day of
Address:	James G. Masters A Stephen Court Ringoes, New Jersey 08851, USA
State of New Jersey County of Middlesex	
On this 3cd day of	2001, before me, a Notary Public in and beared the above signatory, known to me to be the strument in my presence.
***	Skarin Cazella NOTARY PUBLIC

MARIA V. LOGATTO Notary Public of New Jersey My Commission Expires 8/8/2005

Page 3 of 3

PATENT REEL: 012669 FRAME: 0111

Assignment IR 6450-00 USSN 09/753,854

Ravi Subramanyam 18 Doyle Lane Belle Mead, New Jersey 08502, USA State of New Jersey County of Middlesex On this day of	January 200	1.	Rari Suhamongam
Address: 18 Doyle Lane Belle Mead, New Jersey 08502, USA State of New Jersey County of Middlesex On this day of 2001, before me, a Notary Public in and for the State and County aforesaid, personally appeared the above signatory, known to me to be the person of that name, who executed the foregoing instrument in my presence. MARIA V. LOGATTO Rectary Public of New Jersey W. Commission Expires 8/8/2005 NOTARY PUBLIC Notary Public of New Jersey County of Middlesex On this day of 2001, before me, a Notary Public in and for the State and County aforesaid, personally appeared the above signatory, known to me to be the person of that name, who executed the foregoing instrument in my presence. MARIA V. LOGATTO Notary Public of New Jersey Wy Commission Expires 8/8/2005 IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of 2001. Petros Gebresclassie 110 A Pleasant View Drive Piscataway, New Jersey 08854, USA State of New Jersey County of Middlesex On this day of 2001. On this day of 2001, before me, a Notary Public in and for the State and County aforesaid, personally appeared the above signatory, known to me to be the person of that name, who executed the foregoing instrument in my presence.			——————————————————————————————————————
Belle Mead, New Jersey 08502, USA State of New Jersey County of Middlesex On this day of 2001, before me, a Notary Public in and for the State and County aforesaid, personally appeared the above signatory, known to me to be the verson of that name, who executed the foregoing instrument in my presence. MARIA V. LOGATTO Maria V. LOGATTO Malcolm Williams Address: 224 Hillside Avenue Piscataway, New Jersey 08854, USA State of New Jersey County of Middlesex On this day of 2001, before me, a Notary Public in and for the State and County aforesid, personally appeared the above signatory, known to me to be the person of that name, who executed the foregoing instrument in my presence. MARIA V. LOGATTO Notary Public of New Jersey My Commission Expires 8/8/2005 IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of 2001. Petros Gebreselassie Address: 110 A Pleasant View Drive Piscataway, New Jersey 08854, USA State of New Jersey County of Middlesex On this day of 2001, before me, a Notary Public in an for the State and County aforesaid, personally appeared the above signatory, known to me to be the person of that name, who executed the foregoing instrument in my presence.		Address:	
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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of 2001. Malcolm Williams Address: 224 Hillside Avenue Piscataway, New Jersey 08854, USA State of New Jersey County of Middlesex On this day of 2001, before me, a Notary Public in and of the State and County aforesaid, personally appeared the above signatory, known to me to be the berson of that name, who executed the foregoing instrument in my presence. MARIA V. LOGATTO Notary Public of New Jersey My Commission Expires 8/8/2005 IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of 2001. Petros Gebreselassie Address: 110 A Pleasant View Drive Piscataway, New Jersey 08854, USA State of New Jersey County of Middlesex On this day of 2001, before me, a Notary Public in an for the State and County aforesaid, personally appeared the above signatory, known to me to be the person of that name, who executed the foregoing instrument in my presence.	erson of that name, who execu-	ted the foregoing in	nstrument in my presence.
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of 2001. Malcolm Williams Address: 224 Hillside Avenue Piscataway, New Jersey 08854, USA State of New Jersey County of Middlesex On this day of 2001, before me, a Notary Public in and one of that name, who executed the foregoing instrument in my presence. MARIA V. LOGATTO Notary Public of New Jersey My Commission Expires 8/8/2005 IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of 2001. Petros Gebreselassie Address: 110 A Pleasant View Drive Piscataway, New Jersey 08854, USA State of New Jersey County of Middlesex On this day of 2001, before me, a Notary Public in an offer the State and County aforesaid, personally appeared the above signatory, known to me to be the person of that name, who executed the foregoing instrument in my presence.	MARK	L LOGATTO	
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Address: 110 A Pleasant View Drive Piscataway, New Jersey 08854, USA State of New Jersey County of Middlesex On this May day of 2001, before me, a Notary Public in an for the State and County aforesaid, personally appeared the above signatory, known to me to be the person of that name, who executed the foregoing instrument in my presence.	On this A day of for the State and County afore person of that name, who execution MARIA \ Notary Public My Commission IN TESTIMONY WH	Ited the foregoing in the control of	NOTARY PUBLIC o set my hand and seal this 3 day of
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Maria 11 donato	On this day of	LOGATTO c of New Jersey n Expires 8/8/2005 EREOF, I hereunted. Address:	NOTARY PUBLIC o set my hand and seal this 3 day of Competers Gebreselassie 110 A Pleasant View Drive Piscataway, New Jersey 08854, USA 2001, before me, a Notary Public in and ppeared the above signatory, known to me to be the
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MARIA V. LOGATTO
Notary Public of New Jersey
My Commission Expires 8/8/2005

RECORDED: 02/25/2002

Page 2 of 3

PATENT

REEL: 012669 FRAME: 0112