PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Lynette Zaidel	12/16/2011
Steven Miller	12/16/2011
Guy Carpenter	03/06/2012
Gordon Proctor	03/06/2012
David Bartlett	03/06/2012
Rebecca Moazzez	03/06/2012

RECEIVING PARTY DATA

Name:	Colgate-Palmolive Company
Street Address:	300 Park Avenue
City:	New York
State/Country:	NEW YORK
Postal Code:	10022

PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US2011066078

CORRESPONDENCE DATA

Fax Number: (732)878-7853 Phone: 732-878-6341

Email: patent_mail@colpal.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Colgate-Palmolive Company

909 River Road

Piscataway, NEW JERSEY 08855

ATTORNEY DOCKET NUMBER:	9446-00-WO-OC
-------------------------	---------------

REEL: 027828 FRAME: 0050

Address Line 1:

Address Line 4:

501846348

PATENT

NAME OF SUBMITTER:	Nikhil A. Heble	
Total Attachments: 11		
source=9446-00-OC_Executed_Assignment#page1.tif		
source=9446-00-OC_Executed_Assignmen	#page2.tif	
source=9446-00-OC_Executed_Assignment#page3.tif		
source=9446-00-OC_Executed_Assignment#page4.tif		
source=9446-00-OC_Executed_Assignment#page5.tif		
source=9446-00-OC_Executed_Assignment#page6.tif		
source=9446-00-OC_Executed_Assignment#page7.tif		
source=9446-00-OC_Executed_Assignment#page8.tif		
source=9446-00-OC_Executed_Assignment#page9.tif		
source=9446-00-OC_Executed_Assignment#page10.tif		
source=9446-00-OC_Executed_Assignment#page11.tif		

PATENT REEL: 027828 FRAME: 0051

ASSIGNMENT

WHEREAS, WE, Lynette Zaidel, Steven Miller, Guy Carpenter, Gordon Proctor, David Bartlett and Rebecca Moazzez (below referred to as ASSIGNORS), residing, respectively, as set forth hereinafter, have made an invention for which application for Letters Patent was filed in the United States Patent and Trademark Office as International Receiving Office for International Application No. PCT/US2011/66078, filed December 20, 2011, naming the ASSIGNOR(S) as inventor(s), and entitled DIAGNOSTIC METHOD FOR DIETARY EROSION; 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 08854 (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, ASSIGNOR(S), 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 International Patent Application and all corresponding foreign patent applications, all divisional, continuation, continuation-in-part, reissue, reexamination, and any additional United States Patent applications which claim priority to the aforesaid International application, and all Letters Patent or comparable rights issuing thereon in the United States and in all foreign countries, together with the right(s) 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 ASSIGNOR(S) hereby authorize and request the United States 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;

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

ASSIGNOR(S) 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.

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

This Assignment is effective as of: December 20, 2011. (date of filing)

PATEN(Sheet 1 of 5)
REEL: 027828 FRAME: 0052

		eunto set i	my hand and seal this/(a day of
<u>December</u> 201	<u></u>		Yhmute Tanda	0 25/10
		***************************************	Lynette Zaidel	
EMILY R. RI NOTARY PUBLIC OF My Commission Exp	NEW JERSEY	Address:	510 Cranford Avenue Cranford, New Jersey 070 United States of America	
State of New Jewy County of Middlesex On this 6th day and for the State and Coun be the person of that name,	ty aforesaid, per	ne foregoir	peared the above signator	
KERRY E. MO NOTARY PUBLIC OF My Commission Exp	NEW JERSEY			
IN TESTIMONY V December 20/	VHEREOF, I her <u>/</u> .	reunto set i	my hand and seal this	6 day of
		Address:	66 Sycamore Lane Skillman, New Jersey 085 United States of America	58
State of New Server County of Middless On this day and for the State and Coun be the person of that name,	· -	sonally app	·	y, known to me to
	KERRY E. MON1 DTARY PUBLIC OF NE y Commission Expire	EW JERSEY	OTARY PUBLIC	

(Sheet 2 of 5)

PATENT REEL: 027828 FRAME: 0053

	Guy Carpenter
State of	Address: c/o King's College Dental Institute Guy's & St Thomas' Hospital Great Maze Pond, London, SE1 9RT United Kingdom
County of	
On this day of and for the State and County aforesa be the person of that name, who exec	20, before me, a Notary Public is said, personally appeared the above signatory, known to me to ecuted the foregoing instrument in my presence.
	NOTARY PUBLIC
IN TESTIMONY WHEREC	OF, I hereunto set my hand and seal this day of
IN TESTIMONY WHEREC	OF, I hereunto set my hand and seal this day of Gordon Proctor
IN TESTIMONY WHEREC	
State of County of	Gordon Proctor Address: c/o King's College Dental Institute Guy's & St Thomas' Hospital Great Maze Pond, London, SE1 9RT United Kingdom
State of County of On this day of and for the State and County aforesa	Gordon Proctor Address: c/o King's College Dental Institute Guy's & St Thomas' Hospital Great Maze Pond, London, SE1 9RT

	David Davidsta
	David Bartlett
	Address: c/o King's College Dental Institute Guy's & St Thomas' Hospital Great Maze Pond, London, SE1 9RT United Kingdom
State of County of	
On this day of and for the State and County aforesaid,	20, before me, a Notary Public in personally appeared the above signatory, known to me to ed the foregoing instrument in my presence.
	NOTARY PUBLIC
IN TESTIMONY WHEREOF, I 20	hereunto set my hand and seal this day of
	hereunto set my hand and seal this day of Rebecca Moazzez

(Sheet 4 of 5)
PATENT
REEL: 027828 FRAME: 0055

On this _____ day of _____ 20__, 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.

NOTARY PUBLIC

(Sheet 5 of 5) **PATENT**

REEL: 027828 FRAME: 0056

Attorney Docket No.: 9446-00-OC

ASSIGNMENT

WHEREAS, WE, Lynette Zaidel, Steven Miller, Guy Carpenter, Gordon Proctor, David Bartlett and Rebecca Moazzez (below referred to as ASSIGNORS), residing, respectively, as set forth hereinafter, have made an invention for which application for Letters Patent was filed in the United States Patent and Trademark Office as International Receiving Office for International Application No. PCT/US2011/66078, filed December 20, 2011, naming the ASSIGNOR(S) as inventor(s), and entitled DIAGNOSTIC METHOD FOR DIETARY EROSION; 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 08854 (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, ASSIGNOR(S), 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 International Patent Application and all corresponding foreign patent applications, all divisional, continuation, continuation-in-part, reissue, reexamination, and any additional United States Patent applications which claim priority to the aforesaid International application, and all Letters Patent or comparable rights issuing thereon in the United States and in all foreign countries, together with the right(s) 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 ASSIGNOR(S) hereby authorize and request the United States 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;

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

ASSIGNOR(S) 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.

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

This Assignment is effective as of: December 20, 2011. (date of filing)

PATEN(Sheet 1 of 5)
REEL: 027828 FRAME: 0057

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of Lynette Zaidel Address: 510 Cranford Avenue Cranford, New Jersey 07016 United States of America State of County of On this _____ day of _____ 20__, 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. **NOTARY PUBLIC** IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____20 . Steven Miller Address: 66 Sycamore Lane Skillman, New Jersey 08558 United States of America State of County of On this _____ day of _____ 20__, 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.

NOTARY PUBLIC

(Sheet 2 of 5)

PATENT REEL: 027828 FRAME: 0058

Attorney Docket No.: 9446-00-OC

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of
North 2012. Some Composition
Guy Carpenter
Address: c/o King's College Dental Institute Guy's & St Thomas' Hospital Great Maze Pond, London, SE1 9RT United Kingdom CTTY OF LONDON SS CTTY OF LONDON
On this O6 day of 2012, before me, a Notary Public in and for the State and Country aforesaid, personally appeared the above signatory, known to me to be the person of that name, who executed the foregoing instrument in my presence.
NOTARY PUBLIC Notary Public London, England (Christopher G. Higgins) My Commission expires at Death SAVILLE ACC. Notarine One Carry Long Carry Long Int. 144 (0)20 7920 0000
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this
SS CITY OF LONDON Country of On this O6 day of March and for the State and Country aforesaid, personally appeared the above signatory, known to me to be the person of that name, who executed the foregoing instrument in my presence. NOTARY PUBLIC Notary Public London, England (Christopher G. Higgins) My Commission expires at Death SNILLE & CO. One Charge Inc. Notary Public London, England (Christopher G. Higgins) My Commission expires at Death (Sheet 3 of 5)

PATENT REEL: 027828 FRAME: 0059

March	STIMONY WHEREOF, I he20_1.2 .	reunto set my hand and seal this day of David Bartlett
State of	KINGDOM OF ENGLANI CITY OF LONDON	Address: c/o King's College Dental Institute Guy's & St Thomas' Hospital Great Maze Pond, London, SE1 9RT United Kingdom
and for the Stat	te and Califfy aforesaid, per f that name, who executed the	2012, before me, a Notary Public in sonally appeared the above signatory, known to me to me foregoing instrument in my presence. NOTARY PUBLIC Notary Public London, England (Christopher G. Higgins) My Commission expires at Death SAVILLE & CO Notario CEVY SARE London ECVY SA
IN TEST	TIMONY WHEREOF, I her 20 <u>12</u> .	Rebecca Moazzez Address: c/o King's College Dental Institute Guy's & St Thomas' Hospital Great Maze Pond, London, SE1 9RT United Kingdom
County of	KINGDOM OF ENGLAN	P}ss

(Sheet 4 of 5)

On this <u>06</u> day of <u>March</u> 2012, before me, a Notary Public in and for the State and Country aforesaid, personally appeared the above signatory, known to me to be the person of that name, who executed the foregoing instrument in my presence.

NOTARY PUBLIC

Notary Public London, England (Christopher G. Higgins) My Commission expires at Death

SAVILLE & CO. Notarres One Carey Lane London EC2V 8AE Tet: +44 (0)20 7920 0000

(Sheet 5 of 5)

APOSTILLE

(Hague Convention of 5 October 1961 / Convention de La Haye du 5 octobre 1961)

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

- Country: United Kingdom of Great Britain and Northern Ireland Pays: Royaume-Uni de Grande-Bretagne et d'Irlande du Nord This public document / Le présent acte public
- Has been signed by Christopher Gerard Higgins a été signé par
- Acting in the capacity of Notary Public agissant en qualité de
- Bears the seal/stamp of The Said Notary Public est revêtu du sceau/timbre de
- at London/à Londres

Certified/Attesté

- 6. the/le 06 March 2012
- by Her Majesty's Principal Secretary of State for Foreign and Commonwealth Affairs / par le Secrétaire d'Etat Principal de Sa Majesté aux Affaires Etrangères et du Commonwealth.
- Number/sous No

J166553

Stamp timbre

10. Signature: C Lawless



For the Secretary of State / Pour le Secrétaire d'Etat

If this document is to be used in a country which is not party to the Hague Convention of 5th October 1961, it should be presented to the consular section of the mission representing that country.

An apostille or legalisation certificate only confirms that the signature, seal or stamp on the document is genuine. It does not mean that the content of the document is correct or that the Foreign &

> **PATENT** REEL: 027828 FRAME: 0062

RECORDED: 03/08/2012