

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6847254

|   |   |
|---|---|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                                |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                                    |
| <b>CONVEYING PARTY DATA</b>   |   |
|   |   |
| <b>Name</b>   | <b>Execution Date</b>                         |
| STEVEN E. MILLER  | 03/04/2015                                    |
| LAURENCE DU-THUMM   | 02/26/2015                                    |
| HANS STETTLER   | 03/02/2015                                    |
| <b>RECEIVING PARTY DATA</b>   |   |
| <b>Name:</b>  | COLGATE-PALMOLIVE COMPANY                     |
| <b>Street Address:</b>  | 300 PARK AVENUE                               |
| <b>Internal Address:</b>  | 909 RIVER ROAD, PISCATAWAY, NEW JERSEY, 08854 |
| <b>City:</b>  | NEW YORK                                      |
| <b>State/Country:</b>   | NEW YORK                                      |
| <b>Postal Code:</b>   | 10022   |
| <b>PROPERTY NUMBERS Total: 1</b>  |   |
|   |   |
| <b>Property Type</b>  | <b>Number</b>                                 |
| <b>Application Number:</b>  | 17008282                                      |
| <b>CORRESPONDENCE DATA</b>  |   |
| <b>Fax Number:</b>  | (608)662-1276                                 |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |   |
| <b>Phone:</b>   | 6086621277                                    |
| <b>Email:</b>   | taholt@casimirjones.com                       |
| <b>Correspondent Name:</b>  | TANYA ARENSON                                 |
| <b>Address Line 1:</b>  | 2275 DEMING WAY, SUITE 310                    |
| <b>Address Line 4:</b>  | MIDDLETON, WISCONSIN 53562                    |
| <b>ATTORNEY DOCKET NUMBER:</b>  | UM-33796.303                                  |
| <b>NAME OF SUBMITTER:</b>   | TANYA A. ARENSON                              |
| <b>SIGNATURE:</b>   | /Tanya A. Arenson/                            |
| <b>DATE SIGNED:</b>   | 08/04/2021                                    |
| <b>Total Attachments: 3</b>   |   |
| source=33796US2PCT_Assignment-MILLER-DUTHUMM-SETTLER-Executed-All#page1.tif   |   |
| source=33796US2PCT_Assignment-MILLER-DUTHUMM-SETTLER-Executed-All#page2.tif   |   |
| source=33796US2PCT_Assignment-MILLER-DUTHUMM-SETTLER-Executed-All#page3.tif   |   |

**ASSIGNMENT**

WHEREAS, WE, Steven E. MILLER, Laurence DU-THUMM, and Hans STETTLER (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. 62/008,994, filed June 6, 2014, naming the ASSIGNOR(S) as inventor(s), and entitled COMPOSITIONS AND METHODS FOR CHARACTERIZING AND DIAGNOSING PERIODONTAL DISEASE; 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 United States 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 United States 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: June 6, 2014.  
(date of filing)

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 4<sup>th</sup> day of March 2015

Steven E. Miller  
Steven E. MILLER

Address: 66 Sycamore Lane  
Skillman, New Jersey 08558

State of New Jersey  
County of Middlesex

On this 4<sup>th</sup> day of March 2015, 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.

Erika McDougald  
NOTARY PUBLIC



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 26 day of February 2015.

Laurence Du-Thumm  
Laurence DU-THUMM

Address: 16 Woodfield Court  
Princeton, New Jersey 08540

State of New Jersey  
County of Middlesex

On this 26<sup>th</sup> day of February 2015, 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.

Erika McDougald  
NOTARY PUBLIC



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2nd day of March 2015.

  
\_\_\_\_\_  
Hans STETTLER

**Address: Sennheimerstrasse 15  
Basel 4054  
SWITZERLAND**

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