505315394 02/06/2019 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5362175

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
STEPHEN M. GROSS		01/25/2019
WILLIAM A. MCHALE		01/25/2019
MARK A. LATTA		01/25/2019

RECEIVING PARTY DATA

Name:	PREMIER DENTAL PRODUCTS COMPANY	
Street Address:	1710 ROMANO DRIVE	
City:	PLYMOUTH MEETING	
State/Country:	PENNSYLVANIA	
Postal Code:	19462	

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	62055127
Application Number:	15513526
PCT Number:	US2015051931

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sentusing a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Email:patents@vos-ip.com, kevin@vos-ip.com

Correspondent Name:KEVIN DAUGAddress Line 1:1600 MARKET STREET, SUITE 2600Address Line 4:PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	PRE01.0001.100
NAME OF SUBMITTER:	KEVIN DAUG
SIGNATURE:	/Kevin Daug/
DATE SIGNED:	02/06/2019

Total Attachments: 5

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> PATENT REEL: 048249 FRAME: 0097

ASSIGNMENT

WHEREAS, we, Stephen M. Gross of Omaha, Nebraska, USA, William A. McHale of Collegeville, Pennsylvania, USA and Mark A. Latta of Omaha, Nebraska, USA, hereinafter referred to as the assignors, are co-inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States Patent Office, identified as U.S. Provisional Patent Application No. 62/055,127, filed September 25, 2014 and International Patent Application No. PCT/US2015/051931, filed September 24, 2015 and U.S. Utility Patent Application No. 15/513,526, filed March 22, 2017 entitled "BONDABLE MICROCAPSULES AND SURFACE FUNCTIONALIZED FILLERS".

WHEREAS, Premier Dental Products Company, hereinafter referred to as the assignce, of 1710 Romano Drive, Plymouth Meeting, Pennsylvania 19462, USA is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said applications, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries.

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said joint assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, our entire right, title and interest in and to said inventions or improvements and said applications and any and all continuations, divisions and renewals of and substitutes for said applications, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey our entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said applications and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said applications and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

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BONDABLE MICROCAPSULES AND SURFACE FUNCTIONALIZED FILLERS PATENT DOCKET No.: PRE01.0001.100

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent on applications as aforesaid, to issue to said assignee, as assignee of our entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the applications aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

This assignment is effective as of September 25, 2014.

IN WITNESS WHEREOF, we have hereunto set our hands.

Dated:	1/25	110	l

Stephen M. Gross

State of Nebraska >

County of Donalas
On this 2474 day of Ja

On this <u>254</u> day of <u>January</u>, <u>2019</u> before me, the undersigned, a Notary Public for the state, personally appeared **Stephen M. Gross**, personally known to me/proven to me on the basis of satisfactory evidence to be the person who subscribed the foregoing Assignment and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

GENERAL NUTARY-State of Nebraska MARYBETH E. GODDARD My Comm. Exp. June 22, 2021

Manybett & Loddad Signature of Notary

BONDABLE MICROCAPSULES AND SURFACE FUNCTIONALIZED FILLERS PATENT DOCKET No.: PRE01.0001.100

Dated: 01-25-2019	William A. McHale
State of	
County of Montgoner	
On this day of	before me, the undersigned,
a Notary Public for the state, personally ap me/proven to me on the basis of satisfacto foregoing Assignment and acknowledged	opeared William A. McHale, personally known to ry evidence to be the person who subscribed the to me that he executed the same in his authorized
which the person acted, executed the Assignation	Assignment the person, or the entity on behalf of gnment.

	Signature of Notary
Dated:	Mark A. Latta
State of	(7763.B.N. 7.8. 8.828.666
County of	
a Notary Public for the state, personally app me/proven to me on the basis of satisfactory foregoing Assignment and acknowledged to	before me, the undersigned, becared Mark A. Latta, personally known to y evidence to be the person who subscribed the o me that he executed the same in his authorized ssignment the person, or the entity on behalf of nment.

Signature of Notary

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BONDABLE MICROCAPSULES AND SURFACE FUNCTIONALIZED FILLERS PATENT DOCKET No.: PRE01.0001.100

Dated:

William A. McHale

State of _____

County of _____

On this _____ day of _____ before me, the undersigned, a Notary Public for the state, personally appeared William A. McHale, personally known to me/proven to me on the basis of satisfactory evidence to be the person who subscribed the foregoing Assignment and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

Signature of Notary

Mark A. Latta

Dated: <u>1/25/2019</u> State of <u>Nebraskas</u> County of <u>Douglas</u>

On this <u>2574</u> day of <u>Lanuary</u> <u>2619</u> before me, the undersigned, a Notary Public for the state, personally appeared Mark A. Latta, personally known to me/proven to me on the basis of satisfactory evidence to be the person who subscribed the foregoing Assignment and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

GENERAL NUTARY-State of Nebraska MARYSETH & GODDARD My Comm. Exp. June 22, 2021

Manfberth & Sadard Signature of Notary

PATENT REEL: 048249 FRAME: 0101

BONDABLE MICROCAPSULES AND SURFACE FUNCTIONALIZED FILLERSPATENTDOCKET No.:PRE01.0001.100

This assignment is accepted on behalf of Premier Dental Products Company by:

Dated:

Print Name

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Print Title

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PATENT REEL: 048249 FRAME: 0102

RECORDED: 02/06/2019