## 505028137 07/31/2018

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5074887

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JAE WON KIM	07/25/2018
. AKASH	05/16/2018

#### **RECEIVING PARTY DATA**

Name:	JAMES R. GLIDEWELL DENTAL CERAMICS, INC.
Street Address:	4141 MACARTHUR BLVD.
City:	NEWPORT BEACH
State/Country:	CALIFORNIA
Postal Code:	92660

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15923565

#### **CORRESPONDENCE DATA**

**Fax Number:** (617)310-6001

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.

**Phone:** 6173106000

Email: bosipmail@gtlaw.com
Correspondent Name: ROMAN FAYERBERG

Address Line 1: GREENBERG TRAURIG, LLP

Address Line 2: ONE INTERNATIONAL PLACE, SUITE 2000

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	139593-016501/US	
NAME OF SUBMITTER:	ROMAN FAYERBERG	
SIGNATURE:	/Roman Fayerberg, Reg. No. 60,507/	
DATE SIGNED:	07/31/2018	

### **Total Attachments: 3**

source=016501Assignment#page1.tif source=016501Assignment#page2.tif source=016501Assignment#page3.tif

PATENT 505028137 REEL: 046509 FRAME: 0642

#### ASSIGNMENT

WHEREAS, I Jae Won Kim and Akash, the undersigned, have invented one or more inventions described in an application for Letters Patent of the United States entitled:

# Methods for Enhancing Optical and Strength Properties in Ceramic Bodies Having Applications in Dental Restorations

and identified by U.S. Patent Application No. 15/923,565 filed in the United States Patent and Trademark Office on March 16, 2018; and

WHEREAS, ASSIGNEE, James R. Glidewell Dental Ceramics, Inc., a corporation of California, having a principal place of business at 4141 MacArthur Blvd. Newport Beach, CA 92660, is desirous of obtaining the entire right, title and interest in, to and under the application;

NOW, THEREFORE, in consideration of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s), together with my entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such Letters Patent, and any right, title and interest I may have in provisional applications to which said application claims priority; said invention(s), applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; I hereby convey all of my rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE in its own name as assignee of my entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications;

AND, I do hereby covenant that no assignment, sale, agreement, charge, or other encumbrance, has been, or will be, entered into which would conflict with this assignment;

AND, I do hereby covenant and agree to do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns to obtain, maintain, and enforce proper patent protection for the invention(s) in all countries including assisting with the preparation of any application relating to the invention(s):

PATENT REEL: 046509 FRAME: 0643

(Seal)

AND, I hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

AND, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand on the date set forth below.

Date: 07/25/2018  Jae Won Kim
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.
State of California )
County of Orange ) ss.
Subscribed and sworn to (or affirmed) before me on this 25 day of July ,  20/8 by
Gary Michael Pritchand, Notary Public
proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me
Notary Public - California Orange County My Comm. Expires Sep 17, 2019  My Comm. Expires Sep 17, 2019

2

Attorney Docket No. 139593-016501/US Joint Assignment

AND, I hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

AND, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand on the date set forth below.

Date: 05/2018	Akash
Subscribed and sworn to (or affirmed)	before me on this 6 day of May.
20 <b>//</b> by	<b>,</b>
1 V 1 C U	
AMOR	
proved to me on the basis of satisfacto	ory evidence to be the person(s) who appeared before me.

**RECORDED: 07/31/2018** 

(Seal)

Notary Public - California Orange County

ly Comm. Expires Sep 17, 2019

My Commission Expires: 9//7/2019