503064771 11/17/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3111373

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| RUSSELL BELL | 11/14/2014 |

RECEIVING PARTY DATA

| Name: | COORSTEK, INC. | |
|-----------------|------------------------------|--|
| Street Address: | 16000 TABLE MOUNTAIN PARKWAY | |
| City: | GOLDEN | |
| State/Country: | COLORADO | |
| Postal Code: | 80403 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 29507914 |

CORRESPONDENCE DATA

Fax Number: (303)292-1300

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: 303-292-1200

Email: cdonahue@foxrothschild.com **Correspondent Name:** FOX ROTHSCHILD LLP

Address Line 1: 1225 17TH STREET, SUITE 2200

Address Line 2: ATTN: MARK YASKANIN
Address Line 4: DENVER, COLORADO 80202

| ATTORNEY DOCKET NUMBER: | 109828.13100 |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | CAROL DONAHUE |
| SIGNATURE: | /Carol Donahue/ |
| DATE SIGNED: | 11/17/2014 |

Total Attachments: 1

source=13100_Assignment_Executed#page1.tif

PATENT REEL: 034190 FRAME: 0658

503064771

ASSIGNMENT

WHEREAS, I, Russell BELL of 907 Brockton Lane, Ventura, California 93001, have invented a certain new and useful invention entitled WIRE BONDING CERAMIC CAPILLARY for which an application for Letters Patent of the United States has been filed on October 31, 2014, receiving Application No. 29/507,914, and said application being further identified as Attorney File No. 109828.13100;

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, COORSTEK, INC., having a place of business at 16000 Table Mountain Parkway, Golden, Colorado 80403, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America, as well as all related provisional, non-provisional, continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions, Reexaminations, and/or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the said invention which has not already been transferred to the assignee, I warrant that I have made no assignment of the invention, application or patent therefor to a party other than COORSTEK, INC. and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee bereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to **COORSTEK**, **INC**, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: /// 14 / 14 By: Russell BELL

STATE OF Califyria) ss.
COUNTY OF Ventura)

Before me, a Notary Public in and for said County and State, personally appeared Russell Bell known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes therein expressed.

Given under my hand and seal of office this 19 day of Nagarita, 2014.

My Commission Expires: 30/1/1/19

LIGA MARIE CASTANEDA Commission # 2041885 Notary Public - California Vantura County My Comm. Expires Sep 19, 2017

ACTIVE 28042314

PATENT REEL: 034190 FRAME: 0659

RECORDED: 11/17/2014