

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6502582

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JACQUELINE L. HARDING	01/02/2021
MELISSA D. KREBS	01/05/2021
RECEIVING PARTY DATA	
Name:	COLORADO SCHOOL OF MINES
Street Address:	1500 ILLINOIS STREET
City:	GOLDEN
State/Country:	COLORADO
Postal Code:	80401
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	15595310
Application Number:	62337179
Application Number:	62336006
CORRESPONDENCE DATA	
Fax Number:	
<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>	
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ATTORNEY DOCKET NUMBER:	4843-138
NAME OF SUBMITTER:	HIWOT M. COVELL
SIGNATURE:	/HIWOT M. COVELL/
DATE SIGNED:	01/19/2021
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, we, Jacqueline L. Harding of 17794 W. 14th Ave, Apt #8, Golden, CO 80401; and Melissa D. Krebs of 5907 S. Kenton Way, Englewood, CO 80111, have invented a certain new and useful invention entitled **"Deposition-Conversion Method for Tunable Calcium Phosphate Coatings on Substrates And Apparatus Prepared Thereof"** for which a non-provisional application for Letters Patent of the United States has been prepared and filed on May 15, 2017, receiving Serial No. 15/595,310 and further identified as Attorney File No. 4843-138; a provisional United States patent application has been prepared and filed on May 13, 2016, receiving Serial No. 62/336,006, and further identified as Attorney File No. 4843-138-PROV; and provisional United States patent application has been prepared and filed on May 16, 2016, receiving Serial No. 62/337,179 and further identified as Attorney File No. 4843-138-PROV-2;

NOW THEREFORE, be it known that we, the said inventors, 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, Colorado School of Mines having a place of business at 1500 Illinois Street, Golden, CO 80401, its successors, legal representatives, and assigns, the aforesaid patent applications, the invention(s) described therein and any modification and/or improvement(s) to the invention(s) thereof and all continuation, divisional, continuation-in-part, and reissue applications associated therewith; all corresponding patent applications in foreign countries; all applications pursuant to the Patent Cooperation Treaty; all applications for extension filed or to be filed for the invention(s), improvements and/or modifications; and all Letters Patent, Invention Registrations, Utility Models, Extensions, Reissues, and other patent rights obtained for the invention(s), improvements and/or modifications in the United States or any other country;

We also assign any right, title, and interest in and to the invention(s), improvements and/or modifications, which has not already been transferred to the assignee;

We warrant that we have made no assignment of the invention(s), application(s), and/or patent therefor to a party other than Colorado School of Mines, and we are under no obligation to make any assignment of the invention(s), including improvements and/or modifications to the invention(s), application(s), or patent(s) therefor to any other party; and

We further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

We have reviewed and understand the contents of the application(s), including the claims thereof, which may have been amended by a preliminary amendment filed with the application(s) or which are contemplated. We affirm that the above-identified inventions and applications were made or authorized to be made by us. We acknowledge the duty to disclose information

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which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. We hereby acknowledge that any willful false statement regarding inventorship of these applications is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent(s) solely in accordance with the terms of this Assignment, to Colorado School of Mines, its successors, legal representatives, and assigns, as the assignee of the entire right, title, and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

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Date: 1/5/21

By: Melissa D Krebs
Melissa D. Krebs

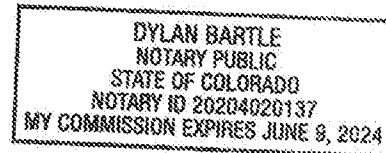
STATE OF Colorado)
) ss.
COUNTY OF Arapahoe)

Before me, a Notary Public in and for said County and State, personally appeared **Melissa D. Krebs**, 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 and considerations therein expressed.

Given under my hand and seal of office this 5th day of January, 2020. 2021

Dylan Bartle
Notary Public

My commission expires: June 9, 2024



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Date: 01/02/21

By: Jacqueline L. Harding
Jacqueline L. Harding

STATE OF Arizona)
) ss.
COUNTY OF Maricopa)

Before me, a Notary Public in and for said County and State, personally appeared **Jacqueline L. Harding**, 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 and considerations therein expressed.

Given under my hand and seal of office this 2 day of January, 2021

Justin Lafitaga
Notary Public

My commission expires: 09/07/2024

