506701137 06/07/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SIVA PHANI KUMAR YALAMANCHILI	05/28/2021

RECEIVING PARTY DATA

Name:	OERLIKON SURFACE SOLUTIONS AG, PFÄFFIKON
Street Address:	CHURERSTRASSE 120
City:	PFÄFFIKON
State/Country:	SWITZERLAND
Postal Code:	8808

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17288269

CORRESPONDENCE DATA

Fax Number: (650)327-3231

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.

6503273400 Phone: Email: baker@bozpat.com

Correspondent Name: BOZICEVIC, FIELD & FRANCIS LLP Address Line 1: 201 REDWOOD SHORES PARKWAY

Address Line 2: SUITE 200

Address Line 4: REDWOOD CITY, CALIFORNIA 94065

ATTORNEY DOCKET NUMBER:	BALS-090
NAME OF SUBMITTER:	BRET E. FIELD
SIGNATURE:	/Bret E. Field, Reg. No. 37,620/
DATE SIGNED:	06/07/2021

Total Attachments: 1

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REEL: 056455 FRAME: 0168 506701137

PATENT

ASSIGNMENT OF APPLICATION

Atty Docket No. BALS-090

THIS ASSIGNMENT, by Siva Phani Kumar Yalamanchili (hereinafter referred to as the assignor), residing in Sargans, Switzerland, witnesseth:

WHEREAS, the said assignor has invented certain new and useful improvements in:

"PVD Coatings with a HEA Ceramic Matrix with Controlled Precipitate Structure"

for which an application was filed on October 28, 2019, as PCT International Application No. PCT/EP2019/079396 designating the U.S.

WHEREAS, Oerlikon Surface Solutions AG, Pfäffikon, a corporation duly organized under and pursuant to the laws of Switzerland, and having its principal place of business at Churerstrasse 120, Pfäffikon 8808, Switzerland (hereinafter referred to as the assignee) is desirous of acquiring said assignor's right, title and interest in and to said invention and said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of said assignor's right title and interest in and to, as well as the right to claim priority of, the above-mentioned invention, application, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND the said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date 28 (1) (2)	Signature of Inventor 13 July WM	
	Siva Phani Kumar Yalamanchili	
Hereby accepted on behalf of the	assignee	
Signature of Authorized Representati	ve	,
Date	Name (print)	
Title and Company		

PATENT REEL: 056455 FRAME: 0169