

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	PATRICK MORSE	01/21/2019
RECEIVING PARTY DATA		
Name:	ARIZONA THIN FILM RESEARCH, LLC	
Street Address:	5181 N. SILVERBELL ROAD	
City:	TUCSON	
State/Country:	ARIZONA	
Postal Code:	85745	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16769661
CORRESPONDENCE DATA		
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<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:	64000.00100	
NAME OF SUBMITTER:	DAMON L. BOYD	
SIGNATURE:	/Damon L. Boyd/	
DATE SIGNED:	06/04/2020	
Total Attachments: 2		
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ASSIGNMENT

UTILITY PATENT

WHEREAS, the undersigned inventor (hereinafter “ASSIGNOR”) of the address indicated below, has invented subject matter disclosed and/or claimed in United States Patent Application No. 62/595,247, filed on December 6, 2017 and PCT Application No. PCT/IB2018/059678, filed on December 5, 2018, both entitled SYSTEMS AND METHODS FOR ADDITIVE MANUFACTURING FOR THE DEPOSITION OF METAL AND CERAMIC MATERIALS;

AND WHEREAS, Arizona Thin Film Research, LLC (hereinafter “ASSIGNEE”), an Arizona limited liability company having its principal place of business at 5181 N. Silverbell Road, Tucson, Arizona, 85745, is desirous of acquiring an interest therein,

AND WHEREAS, a “formal application,” as referred to herein, shall mean any provisional, non-provisional, (design or utility) continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT or other patent application or like document,

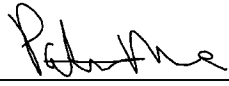
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the aforesaid Invention, including the above-referenced patent application, to the Invention as described in the aforesaid applications or any related priority applications, and to all formal applications which may be filed based in whole or in part on one or more of the aforesaid applications, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue any Letter Patents to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND HEREBY AGREE to transfer, upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, a like interest in and to any improvements and formal applications based thereon, growing out of or relating to the Invention; and, without further remuneration, to provide all reasonable assistance and execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, to preserve and/or acquire ASSIGNEE’s full protection and title in and to the Invention hereby transferred and any improvements therein,

AND AGREEING, FURTHERMORE, in the event that the Application Number and/or filing date is not available when this Assignment is executed, I hereby authorize and request any attorney associated with Law Offices of Damon L. Boyd, PLLC, Customer No. 129115, to insert in this assignment, the filing date, and/or the application number of said application and/or any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document,

AND AGREEING, FURTHERMORE, upon request of ASSIGNEE, to execute any and all papers desired by ASSIGNEE for the filing, prosecuting and granting of the formal application based on any inventions or improvements therein, and the perfecting of title thereto in ASSIGNEE.

EXECUTED as of the date(s) written below by ASSIGNOR:

INVENTOR'S NAME	ADDRESS	SIGNATURE	DATE
Patrick Morse	5181 N. Silverbell Rd. Tucson, AZ 85745	 _____	1-21-2019 _____

**LAW OFFICES OF
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