503152566 01/27/2015

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3199179

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
DAVID C. DUNAND	01/30/2014
DINC ERDENIZ	01/30/2014

RECEIVING PARTY DATA

Name:	NORTHWESTERN UNIVERSITY	
Street Address:	633 CLARK STREET	
City:	EVANSTON	
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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14592503	

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ATTORNEY DOCKET NUMBER:	16936-102695	
NAME OF SUBMITTER:	TIM TINGKANG XIA	
SIGNATURE:	/Tim Tingkang Xia/	
DATE SIGNED:	01/27/2015	

Total Attachments: 1

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PATENT REEL: 034819 FRAME: 0763 503152566

ASSIGNMENT

WHEREAS, WE, David C. Dunand, and Dinc Erdeniz (hereinafter collectively referred to as "ASSIGNORS") have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

U.S. Patent Application Title: Transient Liquid Phase Bonding of Nickel Based Alloys by Forming an Aluminum-Titanium Coating and Subsequent Heat Treatment

Serial No.: 61/925,432

Filing Date: January 9, 2014

WHEREAS, Northwestern University, an Illinois not-for-profit corporation, having a place of business at 633 Clark Street, Evanston, Illinois 60208, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNORS further agree that ASSIGNORS will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHER the date indicated below.	EOF, ASSIGNORS bave	hereunto signed ASSIGNOR	S' names to this Assignment on
me case mancated below.	<u> </u>	b.O.C	1/02/V + Cre
DAVID C. DUNAÑO	DATE	DINC ERDENIZ	DATE
State of <u>iCVINOID</u>	s.		
County of COV			
On this day of day of aforesaid, appeared, to me person instrument, and acknowledged the and purposes therein expressed.	any known to be the same at he or she executed said NOTARY	e person(s) whose name(s) are instrument as his or her free in the public	eris subscribed to the foregoing and voluntary act and for the uses
[NOTARY SEAL]	My Como	nission Expires: <u> () [7] </u>	
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PATENT REEL: 034819 FRAME: 0764

RECORDED: 01/27/2015