503035950 10/27/2014 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
CHRISTOPHER M. WOLVERTON		Execution Date 11/27/2013

RECEIVING PARTY DATA

Name:	NORTHWESTERN UNIVERSITY
Street Address:	633 CLARK STREET
City:	EVANSTON
State/Country:	ILLINOIS
Postal Code:	60208

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14497286

CORRESPONDENCE DATA

Fax Number:	(608)661-3597		
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:	6086613590		

Email:	pporembski@bellmanning.com
Correspondent Name:	PHILIP A. POREMBSKI
Address Line 1:	2801 WEST BELTLINE HIGHWAY
Address Line 2:	STE. 210
Address Line 4:	MADISON, WISCONSIN 53713

ATTORNEY DOCKET NUMBER:	00100-0030-02	
NAME OF SUBMITTER:	PHILIP A. POREMBSKI	
SIGNATURE:	/Philip A. Porembski/	
DATE SIGNED:	10/27/2014	
Total Attachments: 2		
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ASSIGNMENT

WHEREAS, WE, Christopher M. Wolverton, James E. Saal (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: Magnesium Alloys having Long-Period Stacking Order Phases Scrial No.: 61/882,984 Filing Date: September 26, 2013

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 WHEREOF, ASSIGNORS have hereunto signed ASSIGNORS' names to this Assignment on the date indicated below.

1/27/13

22

CHRISTOPHER M. WOLVERTON

State of Illinois

County of Coole

On this 27^{H} day of 2000, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

QFEIÇIAL SEAL INOTARY owe baser Notary Public - State of Illinois My Commission Expires Jun 19, 2016

NOTARY PUBLIC My Commission Expires:

Page 1 of 2

PATENT REEL: 034043 FRAME: 0926

Assignment for Execution

U.S. Patent Application Title: Magnesium Alloys having Long-Period Stacking Order Phases Serial No.: 61/882,984 Filing Date: September 26, 2013

11-24-13 DATE JAMES E. SAAL

SS.

State of Illinois

County of Code

OFFICIAL SEAL

COMMIQUE BASER VOT A BUY Solid 1 State of Illinois My Commission Expires Jun 19, 2016

On this <u>21</u>St day of <u>NOVEM DEV</u>, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

PUBLIC My Commission Expires: fue

Page 2 of 2

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