504106553 11/22/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

Version v1.1 EPAS ID: PAT4153222

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVEN PROKOPIAK	11/14/2016
ELLEN S. TORMEY	11/19/2016
OSCAR KHASELEV	11/08/2016
MICHAEL T. MARCZI	11/08/2016
BAWA SINGH	11/21/2016

RECEIVING PARTY DATA

Name:	ALPHA METALS, INC.
Street Address:	109 CORPORATE BOULEVARD
City:	SOUTH PLAINFIELD
State/Country:	NEW JERSEY
Postal Code:	07080

PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US2015031614

CORRESPONDENCE DATA

Fax Number: (203)784-3199

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: 203-575-2629

Email: Ifreed@carmodylaw.com

Correspondent Name: CARMODY TORRANCE SANDAK & HENNESSEY LLP

Address Line 1: 195 CHURCH STREET

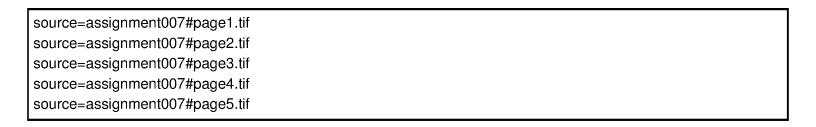
Address Line 2: P.O. BOX 1950

Address Line 4: NEW HAVEN, CONNECTICUT 06509-1950

ATTORNEY DOCKET NUMBER:	31183-A2004-7025A
NAME OF SUBMITTER:	LINDA M. FREED
SIGNATURE:	/Linda M. Freed/
DATE SIGNED:	11/22/2016

Total Attachments: 5

PATENT 504106553 REEL: 040398 FRAME: 0467



ASSIGNMENT

WHEREAS, we,

STEVEN PROKOPIAK, 19 Mount Blanc Lane, Toms River, New Jersey 08753, U.S.; ELLEN S. TORMEY, 8 Jeffrey Lanc, Princeton Junction, New Jersey 08550, U.S.; OSCAR KHASELEV, 51 Potomac Road, Monmouth Junction, New Jersey 08852, U.S., MICHAEL T. MARCZI, 10 Winding Way, Chester, New Jersey 07930, U.S.; and BAWA SINGH, 18 Clydesdale Court, Marlton, New Jersey 08053, U.S., having made an invention entitled JETTABLE INKS FOR SOLAR CELL AND SEMICONDUCTOR FABRICATION, Attorney Docket No. 31183-A2004-7025A, an application for which an international application was filed on May 19, 2015 as International Application No. PCT/US2015/031614 claiming the benefit of U.S. Provisional application Serial No. 62/000,706, filed May 20, 2014, and for which a patent of The United States of America is being executed concurrently herewith; or

We hereby authorize and request our attorney, Jennifer A. Calcagni, of Carmody Torrance Sandak & Hennessey LLP, 195 Church Street, P.O. Box 1950, New Haven, Connecticut 06509-1950 to insert the filing date and application number of said application when known in the spaces provided below:

Filing Date:

November 22, 2016

U.S. Serial Application No.:

15/312,799

NOW, THEREFORE, for good and valuable consideration, receipt of which is acknowledged, we have agreed to assign and transfer and do hereby assign and transfer unto Alpha Metals, Inc., having an office and place of business at 109 Corporate Boulevard, South Plainfield, New Jersey 07080, its successors and assigns, the entire right, title and interest in and to the said invention and all of the foregoing applications, and in and to any divisions, continuations or continuations-in-part, of said application, and in and to any and all patents and reissues and extensions thereof, of The United States of America and countries foreign thereto (including the right to apply for patents in foreign countries in its own name and to claim any priority rights for such foreign

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ASSIGNMENT Docket No. 31183-A2004-7025A

applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted on any of the foregoing to be held and enjoyed as fully and exclusively as they would have been by us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors and administrators to execute and deliver without further consideration any further applications, assignments and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the said Alpha Metals, Inc., its successors, assigns, and nominees, fully to secure its interest as aforesaid and to obtain or maintain patents in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all patents which may be granted upon any of the said applications, to the said Alpha Metals, Inc.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the date indicated hereinafter.

11/14/2016

SIGNED IN THE PRESENCE OF WITNESSES:

(1) PORA VARGAS
Print Name:

Date: 1 | 14 | 16

(2) NORA Mesa Print Name: Date: 11 14/14

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ELLEN S. TORMEY	Date
SIGNED IN THE PRESENCE OF WITNESSES:	
(1)Print Name:	(2) Print Name:
Date:	Date:
Ollisely-	Date 11/8/11/6
OSCĀR KHASELEV	Date / '
SIGNED IN THE PRESENCE OF WITNESSE	S:
(1) DeBEA VARGAS Print Name:	(2) NORA MESA. Print Name:
Date: 11/9/16	Date: 11/8/16
Malth	11/8/16 Date
MICHAEL T. MAREZI	Date / /
SIGNED IN THE PRESENCE OF WITNESSES	S:
(1) Libra VARGAS Print Name:	(2) NORA Mesa Print Name:
Date: 11 8/145	Date: 11/8/14

(N5279619)

alen Tonn	
ELLEN S. TORMEY	Date
SIGNED IN THE PRESENCE OF WITN	vesses:
(1) Michael Torney Print Name:	(2) David Tormey Print Name:
Date: /// 9 (/(,	Date: 1//19/16
OSCAR KHASELEV	Date
SIGNED IN THE PRESENCE OF WITN	ESSES:
(1) Print Name:	(2) Print Name:
	A Intervalie.
Date:	Date:
•	
MICHAEL T. MARCZI	. Date
	
SIGNED IN THE PRESENCE OF WITN	ESSES:
(1)	(2) Print Name:
Print Name:	Print Name:
Date:	Date:

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ASSIGNMENT Docket No. 31183-A2004-7025A Page 4 of 4

Paper Smy	11/21/2016
BAWA SINGH	Date
SIGNED IN THE PRESENCE OF WITNESSES	S:
(1) DEBRA VAOGAS Print Name:	(2) Class Naman Print Name:
Date: 1121 2016	Date: 11/21/16

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PATENT REEL: 040398 FRAME: 0473

RECORDED: 11/22/2016