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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ORVILLE B. GUYER	08/15/2018
KIM M. DELGADO	08/10/2018
MITCHELL A. PATTERSON	08/14/2018
FLAVIA C. DUNCAN	08/15/2018
DANIEL D. CYGAL	08/15/2018
GARY D. HAYNES	08/15/2018

RECEIVING PARTY DATA

Name:	HA-INTERNATIONAL, LLC
Street Address:	630 OAKMONT LANE
City:	WESTMONT
State/Country:	ILLINOIS
Postal Code:	60559

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	62557291
Application Number:	16039200
PCT Number:	US1842752

CORRESPONDENCE DATA

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Address Line 4: CHICAGO, ILLINOIS 60601

ATTORNEY DOCKET NUMBER: 40650/320293 NAME OF SUBMITTER: ADAM J. FROMM SIGNATURE: /Adam J. Fromm/

PAIENI **REEL: 046700 FRAME: 0066** 505063050

DATE SIGNED:	08/24/2018
Total Attachments: 7	
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PATENT REEL: 046700 FRAME: 0067

WHEREAS, we, Orville B. GUYER, Kim M. DELGADO, Mitchell A. PATTERSON, Flavia C. DUNCAN, Daniel D. CYGAL, and Gary D. HAYNES ("Assignors"), are the owners of a certain new and useful invention for COMPOSITIONS AND METHODS FOR REFRACTORY COATINGS WITH ESTER CARRIERS ("Invention"), for which United States Provisional Patent Application Number 62/534,082 was filed in the United States Patent and Trademark Office ("USPTO") on July 18, 2017, United States Provisional Patent Application Number 62/557,291 was filed in the USPTO on September 12, 2017, United States Utility Application Number 16/039,200 was filed in the USPTO on July 18, 2018 and Patent Cooperation Treaty Application Number PCT/US18/42752 was filed in the United States Receiving Office of the World Intellectual Property Organization on July 18, 2018 (the "Applications");

WHEREAS, **HA-INTERNATIONAL**, **LLC**, a Delaware limited liability company having its principal office and place of business at 630 Oakmont Lane, Westmont, Illinois 60559, United States of America ("Assignee"), together with any successors, legal representatives, or assigns thereof desires to acquire all rights, title, and interest in and to the Invention, the Applications, and in, to and under all Letters Patent which may be obtained for the Invention, as herewith more fully set forth.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of good and valuable consideration paid to Assignors by Assignee, the receipt and sufficiency of which is hereby acknowledged, Assignors hereby sell, assign, transfer, and set over to and unto Assignee, its successors and assigns, for within and throughout the United States and the territories thereof, and all foreign countries, the entire right, title, and interest in and to the Invention, and in, to and under the Applications, and all Letters Patent of the United States and foreign countries (including all priority rights that Assignor may have or acquire under any International Convention or treaty) that may be granted for the Invention and improvements, including divisions, continuations, continuations-in-part, reissues, and prolongations of such applications and Letters Patent issued thereto, to have and to hold for the sole and exclusive use and benefit of Assignee, its successors and assigns, to the full end of the term or terms for which any and all of the Letters Patents for the Invention may issue.

Additionally, Assignors do hereby covenant and agree, for themselves, their heirs, and their legal representatives, that Assignors will assist Assignee in the: (i) prosecution of the Applications; (ii) making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the Invention; (iii) vesting in the Assignee like exclusive title in and to all such other patent applications and Letters Patent; (iv) prosecution of any derivation proceeding which may arise involving the Invention, or any application, or Letters Patent herein contemplated; and (v) execution and delivery to the Assignee any and all additional papers that may be requested by the Assignee to fully carry out the terms of this Patent Assignment.

Patent Assignment, Including US Utility Application No. 16/039,200

Legal name of inventor: Orville B. GUYER
Mailing Address:
709 East Park Street Emmett, ID 83617
Inventor's signature: Dille B Date: 8-15-18
STATE OF Minois COUNTY OF Kane
This 15th day of August, 2018, before me personally came the above named Orvilu B. Guyer to me personally known as the individual who executed the foregoing Patent Assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth. **This 15th day of August, 2018, before me personally came the above named to me personally known as the individual who executed the foregoing Patent Assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth. **Notation Public** Notation Public**
OFFICIAL SEAL LINDA M HAY NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES: 09/25/18

Legal name of inventor: Kim M. DELGADO
Mailing Address:
3722 Kershaw Avenue Toledo, OH 43613
Inventor's signature: <u>Kim in Delgado</u> Date: <u>08-10-18</u>
V
STATE OF Tilinois
COUNTY OF Kave.
This 10 th day of August, 2018, before me personally came the above named to me personally known as the individual who executed the foregoing Patent Assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.
Linde M. Hay Notary Public
Notary Public
(Notarial Seal)
NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:09/25/18

Legal name of inventor: Mitchell A. PATTERSON
Mailing Address:
138 Turtle Street Shorewood, IL 60404
Inventor's signature: Miles Market Bate: 8/14/18
COUNTY OF Kave
COUNTY OF Ka Ne
This day of August, 2018, before me personally came the above named witchell A. Patterson to me personally known as the individual who executed the foregoing Patent Assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.
Linde M. Hay Notary Public
Notary Public
(Notarial Seal)
OFFICIAL SEAL LINDA M HAY NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:09/25/18
And April 1997

REEL: 046700 FRAME: 0071

Legal name of inventor: Flavia C. DUNCAN
Mailing Address:
17619 Crystal Lake Drive Homer Glen, IL 60491
Inventor's signature: Plana Councam Date: 8/15/2018
STATE OF <u>Slino is</u>) COUNTY OF <u>Kane</u>
This 15th day of August, 2018, before me personally came the above named plavice C. Duncan to me personally known as the individual who executed the foregoing Patent Assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.
Lind, M. Hay Notary Public
(Notarial Seal)
OFFICIAL SEAL LINDA M HAY NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:09/25/18

REEL: 046700 FRAME: 0072

Legal name of inventor: Daniel D. CYGAL
Mailing Address:
12868 Marian Drive Lemont, IL 60439 Inventor's signature: Date: 8-15-2018
STATE OF Silino is COUNTY OF Kane
This 15th day of August, 2018, before me personally came the above named Danie D. Cygol to me personally known as the individual who executed the foregoing Patent Assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.
Linda M. Hay Notary Public
Notary Public
(Notarial Seal)
OFFICIAL SEAL LINDA M HAY NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:09/25/18

Legal name of inventor: Gary D. HAYNES
Mailing Address:
16 W. 630 57th Street Clarendon Hills, IL 60514 Inventor's signature: Date: 8-15-2018
STATE OF Stinois COUNTY OF Kane
This 15th day of August, 2018, before me personally came the above named Gary D. Haynes to me personally known as the individual who executed the foregoing Patent Assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.
Linds M. Hay Notary Public
(Notarial Seal) OFFICIAL SEAL LINDA M HAY NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:09/25/18

Patent Assignment, Including US Utility Application No. 16/039,200

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PATENT REEL: 046700 FRAME: 0074