

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5730309

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FRANCESCO MICALI	08/10/2019
ARTURO DE RISI DE RISI	08/29/2019
MARCO MILANESE MILANESE	08/29/2019
RECEIVING PARTY DATA	
Name:	HT MATERIALS SCIENCE (IP) LIMITED
Street Address:	1 GRANT'S ROW,
Internal Address:	LOWER MOUNT STREET,
City:	DUBLIN 2
State/Country:	IRELAND
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16577292
CORRESPONDENCE DATA	
Fax Number:	(631)406-7146
<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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Correspondent Name:	SORELL LENNA & SCHMIDT, LLP
Address Line 1:	99 SMITHTOWN BYP.
Address Line 2:	2ND FL.
Address Line 4:	HAUPPAUGE, NEW YORK 11788
ATTORNEY DOCKET NUMBER:	1823-6
NAME OF SUBMITTER:	NICOLE ELISEO-PINO
SIGNATURE:	/Nicole Eliseo-Pinou/
DATE SIGNED:	09/20/2019
Total Attachments: 4	
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ASSIGNMENT

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE: HT MATERIALS SCIENCE (IP) LIMITED

**ADDRESS: 1 GRANT'S ROW,
LOWER MOUNT STREET,
DUBLIN 2
IRELAND**

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America, Italy, the European Union and all other countries worldwide, including all rights of priority, in and to the invention entitled:

TITLE: HEAT TRANSFER MIXTURE

invented by me (*if only one inventor is named below*) or us (*if more than one inventor is named below*) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an Attorney Docket No. _____, or is more particularly identified as:

X executed on even date herewith, or
____ Serial No. _____ filed in the U.S. Patent & Trademark Office on _____;
or
____ executed on _____,

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, or other related property rights in any and all foreign countries that have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents that have been or shall be issued on said inventions; said interest being the entire ownership of the patent when granted, to be held and enjoyed by said HT MATERIALS SCIENCE (IP) LIMITED, my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby agree that said Assignee may apply for and receive foreign Letters Patents or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successor, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible that said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request **all practitioners associated with Customer Number 109802**, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

AND I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

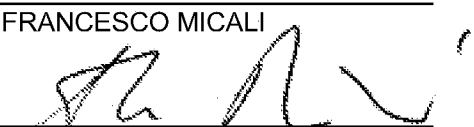
<u>INVENTOR(S)</u>	<u>Date Signed</u>
1)  FRANCESCO MICALI	10.08.2019
2) _____ ARTURO DE RISI	_____
3) _____ MARCO MILANESE	_____

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

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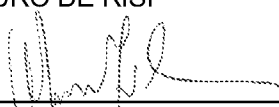
<u>INVENTOR(S)</u>	<u>Date Signed</u>
1) _____ FRANCESCO MICALI	_____
2) _____  ARTURO DE RISI	<u>29 AUG. 2019</u>
3) _____ MARCO MILANESE	_____

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3)  _____	<u>29 AUG 2019</u>