

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7805386

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	12/23/2022

CONVEYING PARTY DATA

Name	Execution Date
IH IP HOLDINGS LIMITED	02/15/2023

RECEIVING PARTY DATA

Name:	IHJ HOLDINGS LTD.
Street Address:	DON STREET
Internal Address:	WHITELEY CHAMBERS
City:	ST. HELIER, JERSEY
State/Country:	JERSEY
Postal Code:	JE2 4TR

PROPERTY NUMBERS Total: 13

Property Type	Number
Application Number:	16498095
Patent Number:	10053362
Patent Number:	10385468
Patent Number:	11008666
Patent Number:	10295520
Application Number:	16783497
Patent Number:	10522018
Patent Number:	10381123
Patent Number:	10902964
Patent Number:	10559831
Patent Number:	11563217
Application Number:	18157260
Patent Number:	10767273

CORRESPONDENCE DATA

Fax Number: (919)882-8195

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: 9193482194

Email: docket@nkpatentlaw.com
Correspondent Name: NK PATENT LAW
Address Line 1: 4101 LAKE BOONE TRAIL
Address Line 2: SUITE 218
Address Line 4: RALEIGH, NORTH CAROLINA 27607

ATTORNEY DOCKET NUMBER: 438/MISC

NAME OF SUBMITTER: SANDRA HESS

SIGNATURE: /Sandra Hess/

DATE SIGNED: 02/20/2023

Total Attachments: 3

source=438-misc-20230215-Assignment-IH IP-to-IHJ-signed#page1.tif

source=438-misc-20230215-Assignment-IH IP-to-IHJ-signed#page2.tif

source=438-misc-20230215-Assignment-IH IP-to-IHJ-signed#page3.tif

ASSIGNMENT OF RIGHTS

WHEREAS, the undersigned, **IH IP Holdings Limited**, a Jersey corporation and having a place of business at 44 Esplanade, St. Helier, Jersey JE4 9WG, Jersey (hereinafter "Assignor"), is the applicant/assignor of the application(s) identified in Table I.

AND, WHEREAS, the undersigned, **IHJ Holdings Ltd.**, a Jersey corporation and having a place of business at Whiteley Chambers, Don Street, St. Helier, Jersey, JE2 4TR, Jersey (hereinafter "Assignee"), has acquired an interest in the application(s) identified in Table I by and through an agreement between Assignor and Assignee having an effective date of December 23, 2022.

However, in the avoidance of doubt and as confirmation of the already acquired interest by Assignee, NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has assigned and by these presents does hereby sell, assign, transfer, and convey unto the Assignee, its successors and assigns, its entire right, title, and interest in and to the invention and application, including the right to sue for past infringements and any other prior occurring rights, provided any such rights exist, and in and to any and all domestic and foreign patent applications filed on the invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America, and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with its right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. Assignor further assigns to Assignee the right to claim entitlement and/or priority to any applications that entitlement or priority may be claimed for this or any later filed application, including the assignment of any provisionals or other priority documents to which the inventions claim priority to. The assignment of the right to claim entitlement and/or priority is executed *nunc pro tunc* and is considered effective as of the filing date of the earliest application to which priority and/or entitlement is claimed.

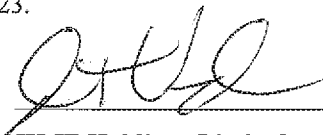
Assignor hereby requests that said Letters Patent be issued in accordance with this assignment.

Assignor further covenants and agrees that, at the time of the execution and delivery of these presents, Assignor possesses full title to the invention and application above-mentioned, and that it has the unencumbered right and authority to make this assignment.

438/misc

Assignor further covenants and agrees, and likewise binds its heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this 15th day of February 2023.



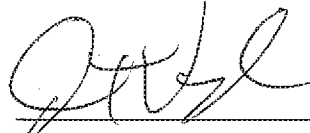
IH IP Holdings Limited

Name: J.T. Vaughn

Title: Board Director

(Assignor)

Executed this 15th day of February 2023.



IHJ Holdings Ltd.

Name: J.T. Vaughn

Title: Board Director

(Assignee)

438/misc

TABLE I

AttorneyRef	Country	Title	FilingDate	ApplicationNum	IssueDate	PatentNum
438/103 UTIL	United States	SYSTEMS AND METHODS FOR GENERATING HEAT FROM REACTIONS BETWEEN HYDROGEN ISOTOPES AND METAL CATALYSTS	9/26/2019	16/498,095		
438/12 CN	China	METHOD OF PLATING A METALLIC SUBSTRATE TO ACHIEVE A DESIRED SURFACE COARSENESS	5/13/2019	201780070572.9		
438/15 UTIL	United States	Gas-Loading and Packaging Method and Apparatus	6/6/2017	15/615,137	8/21/2018	10053362
438/16 AU	Australia	Exothermic Reaction Analysis by Pre-Reaction Sample Retention	5/16/2018	2016401691	2/4/2021	2016401691
438/16 IN	India	Exothermic Reaction Analysis by Pre-Reaction Sample Retention	5/23/2018	201817019334	9/28/2020	347895
438/23 UTIL	United States	PLASMA FREQUENCY TRIGGER	6/6/2017	15/615,167	8/20/2019	10385468
438/23/2 UTIL	United States	PLASMA FREQUENCY TRIGGER	3/27/2019	16/365,950	5/18/2021	11008666
438/25 UTIL	United States	Methods and Apparatus for Testing Fuel Materials for Exothermic Reactions	6/8/2017	15/617,347	5/21/2019	10295520
438/32/2 UTIL	United States	METHODS AND APPARATUS FOR TRIGGERING EXOTHERMIC REACTIONS USING AC OR DC ELECTROMAGNETICS	2/5/2020	16/783,497		
438/46 UTIL	United States	ENERGY PRODUCTION SYSTEM WITH INTELLIGENT INTRUSION DETECTION	10/25/2017	15/793,929	12/31/2019	10522018
438/71 UTIL	United States	Nuclear Excitation Transfer via Phonon-Nuclear Coupling	10/2/2017	15/723,116	8/13/2019	10381123
438/71/2 UTIL	United States	Nuclear Excitation Transfer via Phonon-Nuclear Coupling	8/7/2019	16/533,917	1/26/2021	10902964
438/97 UTIL	United States	EXOTHERMICALLY RESPONSIVE CATHODES AND METHODS OF PRODUCTION THEREOF	3/22/2019	16/361,790	2/11/2020	10559831
438/97/2 UTIL	United States	EXOTHERMICALLY RESPONSIVE CATHODES AND METHODS OF PRODUCTION THEREOF	2/11/2020	16/787,491	1/24/2023	11563217
438/97/3 UTIL	United States	EXOTHERMICALLY RESPONSIVE CATHODES AND METHODS OF PRODUCTION THEREOF	1/20/2023	18/157,260		
438/98 UTIL	United States	METHODS FOR ENHANCED ELECTROLYTIC LOADING OF HYDROGEN	3/22/2019	16/361,825	9/8/2020	10767273