506965444 11/08/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7012282

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN UNSWORTH	10/15/2021

RECEIVING PARTY DATA

Name:	ARQ IP LIMITED	
Street Address:	64 NEW CAVENDISH STREET	
City:	LONDON	
State/Country:	UNITED KINGDOM	
Postal Code:	W1G 8TB	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17609561

CORRESPONDENCE DATA

Fax Number: (937)449-6405

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: 937-449-6400

Email: adam.fardy@dinsmore.com
Correspondent Name: DINSMORE & SHOHL LLP
Address Line 1: FIFTH THIRD CENTER

Address Line 2: 1 SOUTH MAIN STREET, SUITE 1300

Address Line 4: DAYTON, OHIO 45402

ATTORNEY DOCKET NUMBER: AAV0004PA/109352-17	
NAME OF SUBMITTER:	ADAM J. FARDY
SIGNATURE:	/Adam J. Fardy/
DATE SIGNED:	11/08/2021

Total Attachments: 4

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PATENT 506965444 REEL: 058047 FRAME: 0857

ASSIGNMENT

WHEREAS, I, John Unsworth of Wrexham, United Kingdom, hereinafter called the ASSIGNOR, invented certain new and useful PROCESSES FOR UTILISATION OF PURIFIED COAL TO UPGRADE REFINERY PROCESS COMPONENTS IN THE MANUFACTURE OF PETROLEUM COKE, for which the ASSIGNOR executed an application for a United Kingdom Patent and for which said application for the United Kingdom was filed on May 24, 2019, under

☐ Patent Application No. GB1907378.2

WHEREAS, the ASSIGNOR hereby does authorize and request the attorney(s) and/or agent(s) recording the present assignment, to insert above the filing date and application number of said application, when known;

WHEREAS, Arq IP Limited, a corporation of the United Kingdom, with a place of business at 64 New Cavendish Street, London, GB W1G 8TB, hereinafter called the ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

AND, WHEREAS, it is the intent of the ASSIGNOR to assign all rights to the above referenced application to the ASSIGNEE, including, but not limited to, all substantive rights in the above-referenced application as well as the right to claim priority, the right to be granted a patent in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, ASSIGNOR hereby does sell, assign and transfer unto said ASSIGNEE, its successors and assigns, the entire right, title and interest, including the right to claim priority in and to said application, the inventions therein disclosed, and any improvements thereon, and in any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, and in and to any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof;

ASSIGNOR hereby does authorize and request the Patent Office Officials in the United States and its territorial possessions, and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, to issue, when granted, any Letters Patent thereon, and any and all divisions, continuations, substitutions, renewals, recxaminations, extensions and reissues thereof, to said ASSIGNEE, its successors and assigns, as the assignee of the entire right title and interest in and to the same, for the sole use and behalf of the ASSIGNEE and the ASSIGNEE's successors and assigns, to the full end of the term for which the Letters Patent may be granted, including the term of any and all divisions, continuations,

substitutions, renewals, re-examinations, extensions and reissues thereof, as fully and entirely as the same would have been held by the ASSIGNOR had this assignment not been made;

ASSIGNOR hereby does authorize said ASSIGNEE, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof; and

ASSIGNOR hereby does agree that, upon request, ASSIGNOR will sign all papers, and make all rightful oaths, and do all acts which said ASSIGNEE, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States application or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof.

[Remainder left intentionally blank]

ASSIGNOR:

IN WITNESS WHEREOF, the ASSIGNOR have hereunto set his hand and seal.

Inventor 1: John Unsworth	
Signed:	John F. Unsworth
Date:	15 Oct 2021
Witness:	
Signed:	
Printed Name:	SINON ROCERS
Title:	PARALEGAL - KELTIE LLP

ASSIGNEE hereby accepts and receives this ${\bf ASSIGNMENT}_{>}$

Assignee: Arq IP Limited	
Signed:	<u> </u>
Print Name and Title:	VENEAT SIVA CPO
Date:	20-0G08ER-2021
Witness:	Δ
Signed:	<u>A/</u>
Printed Name:	Sinon Rocess
Title:	PARALEGAL - KELTIE LLP

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RECORDED: 11/08/2021

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PATENT REEL: 058047 FRAME: 0861