# 506884078 09/23/2021

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6930899

SUBMISSION TYPE:					
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DA	ATA				
			Name	Execution Da	te
JOHN MAURICE CAMPBELL PLANE				07/26/2021	
HU LI				07/23/2021	
ALEXANDER JAMES				09/01/2021	
RECEIVING PARTY DA	TA				
Name:	UNIVE	RSIT	Y OF LEEDS		
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City:	LEEDS	LEEDS			
State/Country:	UNITE	UNITED KINGDOM			
Postal Code:	LS2 9J	IT			
PROPERTY NUMBERS	Total: 1				
Property Type			Number		
Application Number:		1742	1910		
CORRESPONDENCE D	ΑΤΑ				
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ATTORNEY DOCKET NUMBER:		59819.02200			
NAME OF SUBMITTER:		JOHN H. PLATT			
SIGNATURE:		/John H. Platt/			
DATE SIGNED:		09/23/2021			
Total Attachments: 4					
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#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#### COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET

First Named Inventor:	John Maurice Campbell Plane	Docket No.:	59819.02200
Serial No.:	To be assigned	Filing Date:	Filed Herewith
Tide:	CATALYTIC CONVERTER	Confirmation No.:	To be assigned

Pursuant to 35 U.S.C. 115(e), Applicant herewith submits for recordation a combined declaration and assignment.

#### Declaration

As the below named inventor, I hereby declare that:

The captioned application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I acknowledge that a person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than (5) years, or both.

#### Assignment

The undersigned inventor ("ASSIGNOR") has invented the subject matter disclosed and/or claimed in the captioned patent application ("Inventions");

UNIVERSITY OF LEEDS (hereinafter "ASSIGNEE"), organized and existing under and by virtue of the laws of Great Britain, having a business address of c/o School of Chemistry, Faculty of Engineering and Physical Sciences, Leeds, Yorkshire LS2 93T, is desirous of acquiring an interest therein;.

The undersigned ASSIGNOR hereby confirms that ASSIGNOR is an owner, a co-owner, an employee, a past employee, or a contractor of ASSIGNEE and that ASSIGNOR developed the Inventions on within the scope of ASSIGNOR's duties to ASSIGNEE and thereby ASSIGNOR recognizes that the ASSIGNEE owns the Inventions. Nonetheless, to comport with Patent Office procedures, ASSIGNOR memorializes that relationship in the form of this assignment.

4828-0502-6801

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR agrees to, and does hereby irrevocably assign unto ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to the Inventions, as described and/or claimed in the aforesaid application, including any provisional, non-provisional, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT, or other patent application or like document, or any other application which claims priority to said application, in all countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, all rights pursuant to 35 U.S.C. § 154, any copyright and any other right to sue and recover for, and the right to profits and damages due or accrued arising out of or in connection with any and all past, present or future infringements or dilutions, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNOR, without further remuneration, hereby transfers and agrees to transfer to ASSIGNEE, its successors, assigns and legal representatives a like interest in and to any improvements, related new matter, and derivative works, and applications based thereon, growing out of or relating to the Inventions or subject matter, and to provide all reasonable assistance and execute any papers, if accurate, desired by ASSIGNEE, its successors, assigns and legal representatives, to preserve, acquire and/or perfect ASSIGNEE'S full rights, title and interest in and to the invention(s) and subject matter and any improvements and to file any of the aforementioned applications, or to further memorialize ASSIGNEE'S prior agreement to do so.

In the event that the Application Number and/or filing date is not available when this Assignment is executed, I hereby authorize and request any attorney associated with Snell & Wilmer L.L.P., Customer No. 20322, to insert in this assignment the filing date and/or the application number of said application and/or any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

INVENTOR'S LEGAL NAME	signature 🔨 🋆	DATE
John Maurice Campbell Plane	ASS	26 July 2021
Hu Li		
Alexander James		

EXECUTED as of the date(s) written below by DECLARANT/ASSIGNOR:

SNELL & WILMER L.L.P., 400 East Van Buren, Phoenix, Arizona 85004-2202, (p) (602) 382-6000, (f) (602) 382-6070

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR agrees to, and does hereby irrevocably assign unto ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to the Inventions, as described and/or claimed in the aforesaid application, including any provisional, non-provisional, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT, or other patent application or like document, or any other application which claims priority to said application, in all countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, all rights pursuant to 35 U.S.C. § 154, any copyright and any other right to sue and recover for, and the right to profits and damages due or accrued arising out of or in connection with any and all past, present or future infringements or dilutions, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives.

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## EXECUTED as of the date(s) written below by DECLARANT/ASSIGNOR:

INVENTOR'S LEGAL NAME	SIGNATURE	DATE
John Maurice Campbell Plane		
Hu Li	lither	23/67/2021
Alexander James		

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4878-0507-6801

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INVENTOR'S LEGAL NAME	SIGNATURE	DATE
John Maurice Campbell Plane		
- Hu Li	2	
Alexander James	acut	01/09/204

**EXECUTED** as of the date(s) written below by DECLARANT/ASSIGNOR:

SNELL & WILMER L.L.P., 400 East Van Buren, Phoenix, Arizona 85004-2202, (p) (602) 382-6000, (f) (602) 382-6070

1828-0502-6801

**RECORDED: 09/23/2021**