

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6762279

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RACHEL A OLIVER	05/06/2021
TONGTONG ZHU	10/05/2020
YINGJUN LIU	10/05/2020
PETER GRIFFIN	10/14/2020
RECEIVING PARTY DATA	
Name:	CAMBRIDGE ENTERPRISE LIMITED
Street Address:	THE OLD SCHOOLS, TRINITY LANE
City:	CAMBRIDGE, CAMBRIDGESHIRE
State/Country:	UNITED KINGDOM
Postal Code:	CB2 1TN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16964706
CORRESPONDENCE DATA	
Fax Number:	(612)455-3801
<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>	
Phone:	612-455-3800
Email:	sfuruya@hsmll.com
Correspondent Name:	HAMRE, SCHUMANN, MUELLER & LARSON, P.C.
Address Line 1:	45 SOUTH SEVENTH STREET
Address Line 2:	SUITE 2700
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402
ATTORNEY DOCKET NUMBER:	20187.0034USWO
NAME OF SUBMITTER:	JAMES A. LARSON
SIGNATURE:	/James A. Larson/
DATE SIGNED:	06/15/2021
Total Attachments: 6	
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CONFIRMATORY ASSIGNMENT AND U.S. DECLARATION 37 C.F.R. 1.63

THIS ASSIGNMENT IS SUPPLEMENTAL to the Original Assignment (defined below) and

is made on6 May 2021..... by:

- (1) Rachel A Oliver of Department of Materials Science and Metallurgy, 27 Charles Babbage Road, Cambridge, Cambridgeshire, CB3 0FS, United Kingdom
- (2) Tongtong Zhu of Materials Science and Metallurgy, 27 Charles Babbage Road, Cambridge, Cambridgeshire, CB3 0FS, United Kingdom
- (3) Yingjun Liu of Materials Science and Metallurgy, 27 Charles Babbage Road, Cambridge, Cambridgeshire, CB3 0FS, United Kingdom; and
- (4) Peter Griffin of Materials Science and Metallurgy, 27 Charles Babbage Road, Cambridge, Cambridgeshire, CB3 0FS, United Kingdom

(the "Inventors");

BACKGROUND

- (A) The Inventors assigned their entire rights to the Patent, as defined below, in the Original Assignment
- (B) The Original Assignment needs to be memorialized formally in a written instrument for the purpose of prosecuting the Patents including without limitation in the United States Patent and Trademark Office.

1 Definitions

"Original Assignment" the assignment to CE dated 26 April 2018;

"Patents" "Patents" means the patent or patents for which application has been made together with the applications, all as set out in Schedule 1, and together with the inventions disclosed therein and improvements made thereto and any patents granted in the UK or overseas pursuant to the applications or to any applications which derive priority from, have equivalent claims to or are based on such applications, including any continuations, continuations in part, extensions, reissues, divisions and supplementary protection certificates;

"CE" Cambridge Enterprise Limited (Company No 01069886)

2 Assignment

2.1 In consideration of CE agreeing to prosecute the application for the Patents referred to in clause 3.1 below, the Inventors confirm the assignment to CE in the Original Assignment of all rights, title and interest they may have to:

- (a) the Patents;
- (b) apply for, prosecute and obtain protection throughout the world for any of the Patents and claim priority under the Paris Convention (or any other applicable conventions, treaties or arrangements) when filing further applications; and
- (c) take actions and proceedings as may be necessary and recover damages or otherwise in respect of any infringement of the rights assigned by this Confirmatory Assignment in respect of any infringements which occurred before the date of this Confirmatory Assignment.

CONFIRMATORY ASSIGNMENT AND U.S. DECLARATION 37 C.F.R. 1.63

- 2.2 CE may keep Schedule 1 updated to include all applications and grants within the scope of clause 2.1 as it may be necessary or desirable for patent prosecution.
- 3 **US Patent Prosecution (DECLARATION - 37 C.F.R. 1.63)**
- 3.1 The Inventors HEREBY REQUEST the US Commissioner of Patents and the relevant authorities in all countries of the world to issue any grants for the Patent, in the name of CE or its successors or assigns (either alone or jointly with any co-applicants).
- 3.2 As a below named inventor, I hereby declare that:
- (a) This declaration is directed to:
 - ☐ the attached application, or
 - ☒ United States application or PCT international application number
16/964,706 filed on 24 July 2020.
 - (b) The application was made or authorised to be made by me.
 - (c) I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
 - (d) I hereby acknowledge that any wilful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
- 4 **General**
- 4.1 This Confirmatory Assignment is subject to English law and the exclusive jurisdiction of the English courts.
- 4.2 This Confirmatory Assignment may consist of a number of copies, each signed by one or more parties. If so, the signed copies are treated as making up the one and the date on which the last counterpart is executed will be the date of the Confirmatory Assignment.

CONFIRMATORY ASSIGNMENT AND U.S. DECLARATION 37 C.F.R. 1.63

Signed by

Inventor Signature: <i>Rachel A Oliver</i>	Inventor Signature:
Inventor Name: Rachel A Oliver	Inventor Name: Tongtong Zhu
Date Signed by Inventor: <i>6/5/21</i>	Date Signed by Inventor:
Witness Signature: <i>[Signature]</i>	Witness Signature:
Date Signed by Witness: <i>6/5/21</i>	Date Signed by Witness
Witness Name: <i>Courteney French</i>	Witness Name:
Witness Occupation: <i>Research Fellow</i>	Witness Occupation:
Witness Address: <i>15 55 Thomson Avenue William Gates Building CB3 0FD CAMBRIDGE</i>	Witness Address:
Inventor Signature:	Inventor Signature:
Inventor Name: Yingjun Liu	Inventor Name: Peter Griffin
Date Signed by Inventor:	Date Signed by Inventor:
Witness Signature:	Witness Signature:
Date Signed by Witness:	Date Signed by Witness
Witness Name:	Witness Name:
Witness Occupation:	Witness Occupation:
Witness Address:	Witness Address:

CONFIRMATORY ASSIGNMENT AND U.S. DECLARATION 37 C.F.R. 1.63

Signed by

Inventor Signature:	Inventor Signature: <i>[Signature]</i>
Inventor Name: Rachel A Oliver	Inventor Name: Tongtong Zhu
Date Signed by Inventor:	Date Signed by Inventor: <i>5 Oct 2020</i>
Witness Signature:	Witness Signature: <i>[Signature]</i>
Date Signed by Witness:	Date Signed by Witness: <i>5.10.2020</i>
Witness Name:	Witness Name: MUHAMMAD ALI
Witness Occupation:	Witness Occupation: ENGINEER
Witness Address:	Witness Address: 81 LANCASTER GATE UPPER CAMBOURNE, CAMBRIDGESHIRE CB23 6AU, UNITED KINGDOM
Inventor Signature: <i>Li Yingjun</i>	Inventor Signature:
Inventor Name: Yingjun Liu	Inventor Name: Peter Griffin
Date Signed by Inventor: <i>05/10/2020</i>	Date Signed by Inventor:
Witness Signature: <i>Li Meng Ni</i>	Witness Signature:
Date Signed by Witness: <i>05/10/2020</i>	Date Signed by Witness:
Witness Name: <i>LI MENG NI</i>	Witness Name:
Witness Occupation: <i>Material Scientist</i>	Witness Occupation:
Witness Address: <i>2 Bailey House Rustat Avenue CB1 3PG Cambridge</i>	Witness Address:

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Signed by

Inventor Signature	Inventor Signature
Inventor Name: Rachel A Oliver	Inventor Name: Tongtong Zhu
Date Signed by Inventor	Date Signed by Inventor
Witness Signature	Witness Signature
Date Signed by Witness	Date Signed by Witness
Witness Name	Witness Name
Witness Occupation	Witness Occupation
Witness Address	Witness Address
Inventor Signature	Inventor Signature: 11/10/20 P. Griffin
Inventor Name: Yingjun Liu	Inventor Name: Peter Griffin
Date Signed by Inventor	Date Signed by Inventor: 14/10/20
Witness Signature	Witness Signature: Julia Spindel
Date Signed by Witness	Date Signed by Witness: 14/10/20
Witness Name	Witness Name: JULIA SPINDEL
Witness Occupation	Witness Occupation: POSTDOCTORAL RESEARCHER
Witness Address	Witness Address: 1 CAMPBELL STREET CAMBRIDGE CB1 3NE

CONFIRMATORY ASSIGNMENT AND U.S. DECLARATION 37 C.F.R. 1.63

Schedule 1

Part 1-the Priority and PCT Application(s)

Country/region	Application No.	Application Date	Title
United Kingdom	GB 1801337.5	26 January 2018	Method for Etching a Semiconductor Structure
PCT	PCT/GB2019/050213	25 January 2019	Method for Etching a Semiconductor Structure

Part 2- the National Application(s)

Country/region	Application No.	Application Date	Title
United States of America	US16/964,706	25 January 2019	Method for Etching a Semiconductor Structure