

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7156136

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANDREA CARLO FERRARI	01/14/2022
LUIGI OCCHIPINTI	10/01/2021
ALFONSO RUOCCO	10/01/2021
RECEIVING PARTY DATA	
Name:	CAMBRIDGE ENTERPRISE LIMITED
Street Address:	THE OLD SCHOOLS
Internal Address:	TRINITY LANE
City:	CAMBRIDGE
State/Country:	UNITED KINGDOM
Postal Code:	CB2 1TN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17280791
CORRESPONDENCE DATA	
Fax Number:	
<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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ATTORNEY DOCKET NUMBER:	PC928696US
NAME OF SUBMITTER:	JANAE ALLABASTRO
SIGNATURE:	/Janae Allabastro/
DATE SIGNED:	02/02/2022
Total Attachments: 5	
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PATENT

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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 on14 January 2022..... by:

- (1) Andrea Carlo Ferrari of C/O Cambridge Graphene Centre, The University of Cambridge, 9 JJ Thomson Avenue, Cambridge, Cambridgeshire, CB3 0FA, United Kingdom
- (2) Luigi Occhipinti of C/O Cambridge Graphene Centre, The University of Cambridge, 9 JJ Thomson Avenue, Cambridge, Cambridgeshire, CB3 0FA, United Kingdom; and
- (3) Alfonso Ruocco of C/O Cambridge Graphene Centre, The University of Cambridge, 9 JJ Thomson Avenue, Cambridge, Cambridgeshire, CB3 0FA, 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 15 August 2019 (A14183);

"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

PCT/GB2019/052759 filed on 30 September 2019.

(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.


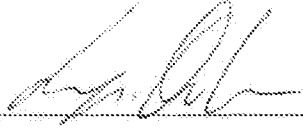
(d) I hereby acknowledge that any wilful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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: 	Inventor Signature: 
Inventor Name: Andrea Carlo Ferrari	Inventor Name: Luigi Occhipinti
Date Signed by Inventor: 14/01/2022	Date Signed by Inventor: 1/10/2021

Inventor Signature:
Inventor Name: Alfonso Ruocco
Date Signed by Inventor:

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

Signed by

Inventor Signature:	Inventor Signature:
Inventor Name: Andrea Carlo Ferrari	Inventor Name: Luigi Occhipinti
Date Signed by Inventor:	Date Signed by Inventor:

 Inventor Signature:
Inventor Name: Alfonso Ruocco
Date Signed by Inventor: 01/10/2021

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 1815647.7	30 September 2018	Photodetector
PCT	PCT/GB2019/052759	30 September 2019	Photodetector

Part 2- the National Application(s)

Country/region	Application No.	Application Date	Title
China	201980075348.8	30 September 2019	Photodetector
Europe	19780329.9	30 September 2019	Photodetector
Japan	2021-517465	30 September 2019	Photodetector
Republic of Korea (South)	10-2021-7011745	30 September 2019	Photodetector
United States of America	US 17/280791	30 September 2019	Photodetector