PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4983797

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GRAHAM GASKIN	05/17/2018
STEPHEN JOHN HILLIER	05/17/2018

RECEIVING PARTY DATA

Name:	THE JAMES HUTTON INSTITUTE
Street Address:	INVERGOWRIE
Internal Address:	TAYSIDE
City:	DUNDEE
State/Country:	UNITED KINGDOM
Postal Code:	DD2 5DA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15760462

CORRESPONDENCE DATA

Fax Number: (414)223-5000

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: 4149785559

Email: jere.polmatier@huschblackwell.com

Correspondent Name: JERE L. POLMATIER

Address Line 1: HUSCH BLACKWELL LLP

Address Line 2: 555 EAST WELLS STREET, SUITE 1900

Address Line 4: MILWAUKEE, WISCONSIN 53202

ATTORNEY DOCKET NUMBER:	MRG-40413
NAME OF SUBMITTER:	JERE L. POLMATIER
SIGNATURE:	/jlp/
DATE SIGNED:	05/30/2018

Total Attachments: 3

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PATENT 504937051 REEL: 045938 FRAME: 0610

IP Portal 18-May-2018 Our Ref: P173402.US.01

PATENT

Attorney Docket No. MRG-40413

For: [X] U.S. and/or [X] Foreign-Rights
For: [X] U.S. Application-or [] U.S. Provisional Application
For: [X] U.S. Patent For: [] PCT Application
By: [X] Inventor or [] Present-Owner

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

For good and valuable consideration	on, the receipt of which is hereby acknowledged,
ASSIGNORS:	
Graham Gaskin Stephen John Hillier	
hereby sell, assign, and transfer to	
ASSIGNEE:	
The James Hutton Institute Inventor(s) or person(s) or entity(ies) who own the invention	Invergowrie, Dundee Tayside DD2 5DA United Kingdom Address
and the successors, assigns, and legal representation of the following)	esentatives of the ASSIGNEE
[X] the entire right, title, and in	terest
[] an undivided per	reent (%) interest
for the United States and its territorial poss	sessions,
(check the following box, if foreign rights are also	to be assigned)
[X] and in all foreign countries,	
including all rights to claim priority, in and that are disclosed in the invention, entitled	d to the invention, including any and all improvements :
ATOM	ISER ASSEMBLY
and which is found in (37 C.F.R. § 3.21)	
(a) [] U.S. patent applicate	ion executed on even date herewith
MH29157253-)	

PATENT REEL: 045938 FRAME: 0611

	(b)	[]	U.S. patent application executed on
	(c)	[]	U.S. provisional application number filed
		[X]	To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
	(d)	[X]	U.S. application no. 15/760403 filed on March 15, 8018.
	(e)	()	International application nofiled on
	(f)	[]	U.S. patent noissued
		[]	A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
chec	k (g), if f	oreign app	olication(s) is (are) also being assigned)
		F 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	

(g) [X] and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, any and all Letters Patent to be obtained for said invention by the above application, or any continuation, division, renewal, or substitute thereof, and, as to any and all Letters Patent, to any and all reissues or re-examinations thereof.

ASSIGNORS hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

MIL-29157253-1

IN WITNESS WHEREOF, we have hereunto set hand and seal on the dates indicated below.

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: 17/5/18

Date: 17th May 2018

MIL-29157253-1