

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HENRY JAMES SNAITH	03/04/2015
MICHAEL LEE	02/06/2015
TAKURO MURAKAMI	02/13/2015
RECEIVING PARTY DATA	
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Postal Code:	OX2 7SG
PROPERTY NUMBERS Total: 1	
Property Type	Number
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DATE SIGNED:	03/04/2015
Total Attachments: 5	
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ASSIGNMENT

WHEREAS, WE,

1. **Henry James Snaith**, a citizen of Great Britain, with a correspondence address of c/o University of Oxford, Department of Physics, Clarendon Laboratory, Parks Road, Oxford, Oxfordshire, Great Britain, OX1 3PU;
2. **Michael Lee**, a citizen of Great Britain, with a correspondence address of c/o University of Oxford, Department of Physics, Clarendon Laboratory, Parks Road, Oxford, Oxfordshire, Great Britain, OX1 3PU; and
3. **Takuro Murakami**, a citizen of Japan, with a correspondence address of 2-8-126-305, Namiki, Tsukuba, Ibaraki, Japan, 305-0044

(hereinafter referred to as ASSIGNORS), have made a discovery or invention entitled:

“OPTOELECTRONIC DEVICES WITH ORGANOMETAL PEROVSKITES WITH MIXED ANIONS,” for which application for Letters Patent of the United States was filed on November 14, 2014, under U.S. Serial Number 14/401,423, as a ‘371 application of PCT/GB2013/051306 filed May 20, 2013.

AND WHEREAS, **Isis Innovation Limited**, with a correspondence address of Ewert House, Ewert Place, Summertown, Oxford, Oxfordshire, Great Britain, OX2 7SG, (hereinafter referred to as ASSIGNEE) is desirous of obtaining our entire right, title and interest in, to and under the said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN

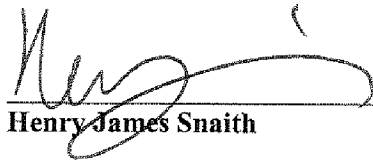
Be it known that for valuable consideration by ASSIGNEE to ASSIGNORS, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer jointly to ASSIGNEE, their successors, legal representatives and assigns, the full and exclusive right, title and interest to said discovery or invention, and any and all inventions described in the above-referenced application, in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted, and the right to claim priority from the above-referenced application under the Patent Laws of the United States, the International Convention, or any other international agreement or domestic laws of any and all foreign countries.

AND WE HEREBY authorize and request the Director of the United States Patent and Trademark Office, and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention, and any and all inventions described in the above-referenced application, to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, their successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;

AND WE HEREBY further covenant and agree that the ASSIGNEE, their successors, legal representatives, or assigns, may apply for foreign Letters Patent on said discovery or invention, and any and all inventions described in the above-referenced application, and claim the benefits of the International Convention, and that we will, at any time, when called upon to do so by the ASSIGNEE, their successors, legal representatives, or assigns, communicate to the ASSIGNEE, their successors, legal representatives, or assigns, as the case may be, any facts known to us respecting said discovery or invention, and any and all inventions described in the above-referenced application, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, and any and all inventions described in the above-referenced application, the said applications and the said Letters Patent in the ASSIGNEE, their successors, legal representatives and assigns, and that if reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, their successors, legal representatives, or assigns, we will, at any time, when called up to do so by the ASSIGNEE, their successors, legal representatives, or assigns sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, their successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery, and any and all inventions described in the above-referenced application, in all countries, and without further compensation but at the expense of the ASSIGNEE, their successors, legal representatives and assigns.

IN TESTIMONY WHEREOF, We sign below with the date opposite our respective signatures.


Henry James Snaith

Date 04/03/15

Michael Lee

Date _____

Takuro Murakami

Date _____

IN TESTIMONY WHEREOF, We sign below with the date opposite our respective signatures.

Henry James Snaith

Date _____



Michael Lee

Date 6-2-2015

Takuro Murakami

Date _____

IN TESTIMONY WHEREOF, We sign below with the date opposite our respective signatures.

Henry James Snaith

Date _____

Michael Lee

Date _____

村上 拓郎

Takuro Murakami

Date 13th, Feb. 2015