

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PETER P. EDWARDS	09/17/2010
MARTIN OWEN JONES	09/22/2010
MALEK MOSHARI AL-MAMOURI	09/17/2010
JOHN STUART ABELL	09/20/2010
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<b>Postal Code:</b>	OX2 7SG
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14484208
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	BRIAN A. DONAHUE
<b>SIGNATURE:</b>	/BRIAN A. DONAHUE/
<b>DATE SIGNED:</b>	06/15/2015
<b>Total Attachments: 3</b>	

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**PATENT**

**REEL: 035839 FRAME: 0671**

USA

J A Kemp Ref: N.103815B

# ASSIGNMENT OF PATENT APPLICATION

(Inventors)

- (1) Peter F. EDWARDS a citizen of United Kingdom of:  
Inorganic Chemistry Laboratory South Parks Road Oxford OX1 3QR United Kingdom
- (2) Martin Owen JONES a citizen of United Kingdom of:  
Inorganic Chemistry Laboratory South Parks Road Oxford OX1 3QR United Kingdom
- (3) Malek Moshari AL-MAMOURI a citizen of United Kingdom of:  
School of Chemistry and Chemical Engineering Queens University Belfast BT9 1NN  
United Kingdom
- (4) John Stuart ABELL a citizen of United Kingdom of:  
Metallurgy and Materials The University of Birmingham Edgbaston Birmingham B15 2TT  
United Kingdom

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (5)

ISIS INNOVATION LIMITED

(Address) (6) of

Ewert House Ewert Place Summertown Oxford OX2 7SG United Kingdom

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries) (7)

in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(Title) (8)

TRANSPARENT CONDUCTING OXIDES

(Case No) 25150-20095.00

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

(9) on \_\_\_\_\_ or has already filed in

(10) U.S. appin Serial Number 12920,083

filed on

February 26, 2009 (Int'l)

(11) The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made

1) The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

2) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of valid United States patent to the Assignee.

3) The undersigned hereby authorize(s) and request(s) the Communication of Patents to issue any and all Letters patent of the United States resulting from said application or any division or divisions or continuing thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

4) The undersigned hereby grant(s) the firm of Morrison & Foerster LLP the power to insert on this assignment any further identification which may be necessary to desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

PPE Date 17/9/10 Signature of Inventor P.F Edwards (1)  
MOS Date 22/9/10 Signature of Inventor Martin Jones (2)  
Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_ (3)  
Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_ (4)

Witnessed by

Witness [Signature] Date 17/9/10  
Witness [Signature] Date 22/9/10

Lind

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(10) U.S. appln Serial Number 12/920,093 filed on February 26, 2009 (Int'l)

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Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_ (1)

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_ (2)

Date 17/9/2010 Signature of Inventor M. AL-MAMOURI (3)

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_ (4)

Witnessed by

Witness [Signature] Date 17/9/2010

Witness \_\_\_\_\_ Date \_\_\_\_\_

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JSA

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31.1.11

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Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_ (2)

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_ (3)

Date 20.9.10 Signature of Inventor J.S. Abell (4)

Witnessed by

Witness [Signature] Date 21.9.10

Witness \_\_\_\_\_ Date \_\_\_\_\_

PATENT