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Carsten Rohr
Keith W.J. Barnham
Nicholas Ekins-Daukes
James P. Connolly
Ian M. Ballard
Massimo Mazzer



2. Name and address of receiving party(ies):

IMPERIAL COLLEGE OF SCIENCE,
TECHNOLOGY AND MEDICINE
a corporation of United Kingdom
Sheffield Building, Exhibition Road
London, United Kingdom SW7 2AZ

Additional conveying party(ies)

NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

(1) January 11, 2002, (2) January 11, 2002,
(3) January 11, 2002, (4) January 11, 2002,
(5) January 11, 2002, (6) January 8, 2002

Additional name(s) & address(es) attached? **NO**

4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is:

A. Patent Application Number(s):

12/078,315

B. Patent Number(s):

Additional numbers attached? **NO**

5. Name and address of party to whom correspondence concerning document should be mailed:

Alan I. Cantor
FOLEY & LARDNER LLP
3000 K Street, NW, Suite 500
Washington, DC 20007

6. Total number of applications/patents involved: **1**7. Total fee (37 C.F.R. § 3.41): **\$40.00**

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Alan I. Cantor

9/9/08

Name of person signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **3**

ASSIGNMENT OF U.S. PATENT APPLICATIONCarsten ROHRKeith W. J. BARNHAM**(Inventors)** Nicholas EKINS-DAUKESJames P. CONNOLLYIan M. BALLARDMassimo MAZZER

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) IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE, a corporation of United Kingdom**(Address)** Sheffield Building, Exhibition Road, London, United Kingdom SW7 2AZ

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(Title) PHOTOVOLTAIC DEVICE

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 on

Unknown 09/95, 297 or has already filed U.S. appln. Serial No.on September 19, 2001.

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

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.

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

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications 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.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

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

Date	<u>11/01/02</u>	Signature of inventor	<u>James P. Campbell</u> *
Date	<u>11-1-02</u>	Signature of inventor	<u>K. W. L. Bar</u> *
Date	<u>11-1-02</u>	Signature of inventor	<u>N. Ekins - Davis</u> *
Date	<u>11-1-02</u>	Signature of inventor	<u>James P. Campbell</u> *
Date	<u>11-1-02</u>	Signature of inventor	<u>in Doc</u> *
Date	<u>08/01/2002</u>	Signature of inventor	<u>Ugo Vanni</u> **
Witnessed by:	* <u>[Signature]</u>	Date	<u>11/1/02</u>
Witnessed by:	** <u>[Signature]</u>	Date	<u>08/01/2002</u>

This is to authorise Dr Massimo Mazzer of CNR-IME to sign the present Assignment
 The Director of CNR-IME
 Prof. Lorenzo Vasanelli
 witnessed by Dr Rocco Massimo Rizzo **
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[Signature]
11/1/02