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 10/468340 PATENT ONLY

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ET U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner

102679740

Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

1. Graeme Bradford, Legal Representative of Antony Chesney (Deceased)
2. William Patrick Hems

Additional name(s) of conveying party(ies) attached? ☐ YES ☐ NO

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

Name: Johnson Matthey Public Limited Company

Internal Address:

Street Address: 2-4 Cockspur Street
 Trafalgar Square

City: London

State:

Zip: SW1Y 5BQ

Country: United Kingdom

Additional name(s) & address(es) attached? ☐ YES ☒ NO

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
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☐ Other

Execution Dates: 1) 9/15/03 and 2) 9/19/03

4. Application number(s) or patent number(s): 10/468340

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

A. Patent Application Number(s) 10/468,340

B. Patent Number(s) _____

Additional number(s) attached? ☐ YES ☒ NO

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

Name: Christopher R. Lewis
 Internal Address: RatnerPrestia

☒ Street Address: Suite 301
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 1007 Orange Street
 Suite 1100, P.O. Box 1596
 Wilmington State: DE
 19899

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 18-0350
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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Christopher R. Lewis
 Name of Person Signing

36,201
 Registration No.

Signature

January 12, 2004
 Date

Total Number of Pages including cover sheet, attachments and documents: 3

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01/15/2004

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ASSIGNMENT - Patent ApplicationDocket Number: **JMYS-106US**

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/ INVENTOR(s)	1. Graeme Bradford, Legal Representative of Antony Chesney (Deceased)	2. William Patrick Hems
	3.	4.
	5.	6.

made an invention entitled: **CATALYSTS**for which an application for Letters Patent of the United States:
(Select one of the following):

- ☒ is executed concurrently herewith
☐ was filed in the U.S. Patent and Trademark Office on ____,
as U.S. Patent Application Serial No.:

ASSIGNEE

(Full Name and Address)

Johnson Matthey Public Limited Company
(a British body corporate)
2-4 Cockspur Street, Trafalgar Square
London SW1Y 5BQ
United Kingdom

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

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

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

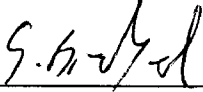
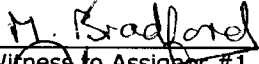
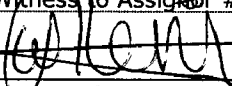

ASSIGNMENT - Patent ApplicationDocket Number: **JMYS-106US**

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

SIGNATURE

Typed or Printed Name	Signature	Date
1. Graeme Bradford, Legal Representative of Antony Chesney (Deceased)		15.09.03
	 * Witness to Assignor #1	15-9-03
2. William Patrick Hems	  * Witness to Assignor #2	19 September 2003 19 September 2003
3.	 * Witness to Assignor #3	
4.	 * Witness to Assignor #4	
5.	 * Witness to Assignor #5	
6.	 * Witness to Assignor #6	

Application for United States Letters Patent:

Serial No.: 10/468,340

Filed: August 18, 2003

Attorney Docket Number: **JMYS-106US**Total Number of Assignment Pages **2**

* Witness signature recommended, mandatory for some countries