

05-16-2001

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To the Honorable Commissioner of Patents and Trademarks. Please record this document as original documents or copy thereof

<p>1. Name of conveying party(ies): <u>1) Martyn Vincent Twigg</u> <u>2) Ian Carmichael Wishart</u> <i>03/29/01</i></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Correction of Assignment Recordation (previously recorded at Reel _____, Frame _____). <input type="checkbox"/> Other</p> <p>Execution Dates: <u>1) March 15, 2001</u> <u>2) March 16, 2001</u></p>	<p>2. Name and address of receiving party(ies): Name: <u>Johnson Matthey Public Limited</u> Internal Address: _____ Street Address: <u>2-4 Cockspur Street, Trafalgar Square</u> City: <u>London</u> State: <u>United Kingdom</u> ZIP: <u>SW1Y 5BQ</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <u>March 15, 2001 and March 16, 2001</u></p> <p><i>09/806118</i></p> <p>A. Patent Application Number(s) _____ B. Patent Number(s) _____</p> <p>Additional number(s) attached? <input type="checkbox"/> YES <input type="checkbox"/> NO</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Christopher R. Lewis</u> Internal Address: <u>Ratner & Prestia</u> Street Address: <u>Suite 301, One Westlakes, Berwyn,</u> <u>P.O. Box 980</u> City: <u>Valley Forge</u> State: <u>PA</u> ZIP: <u>19482-0980</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>18-0350</u> (Attach duplicate copy of this page if paying by deposit account.)</p>

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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 *Ch R Lewis* March 29, 2001
 Name of Person Signing Signature Date
36,201
 Registration. No.

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

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Mail documents to be recorded with required cover sheet information to:

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Box Assignments

Washington, D.C. 20231

ASSIGNMENT

WHEREAS, we, **Martyn Vincent Twigg and Ian Carmichael Wishart**, of 108 Ermine Street, Caxton, Cambridge CB3 8PQ, United Kingdom and Bagpuize House, Baker Street, Aston Tirrold, Oxfordshire OX11 9DD, United Kingdom, respectively (hereinafter referred to as "**ASSIGNOR**"), have made an invention entitled **SYSTEM AND METHOD FOR PURIFYING EXHAUST GASES**, for which, on even date herewith, the **ASSIGNOR** executed an application for United States Letters Patent;

WHEREAS, the **ASSIGNEE, Johnson Matthey Public Limited Company**, a corporation organized and existing under and by virtue of the laws of the United Kingdom, and having a place of business at 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 One Dollar (\$1.00) and of other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the **ASSIGNEE** the **ASSIGNOR'S** entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said patent application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that **ASSIGNOR** shall be legally bound, upon request and at the expense of the **ASSIGNEE** or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned 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 and do such other acts as may be necessary and 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.

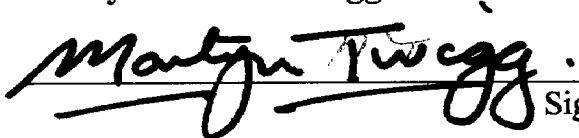
Because **ASSIGNOR** includes more than one person, these obligations shall apply to those persons both individually and collectively.

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.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

ASSIGNOR #1:

Martyn Vincent Twigg

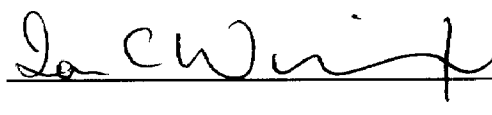
 Signature

Date: 15 March 2001

Witness as to ASSIGNOR #1: (Optional) _____

ASSIGNOR #2:

Ian Carmichael Wishart

 Signature

Date: 16 March 2001

Witness as to ASSIGNOR #2: (Optional) _____