PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Andrew James Fletcher	07/29/2009

RECEIVING PARTY DATA

Name:	Johnson Matthey Public Limited Company		
Street Address:	40-42 Hatton Garden		
City:	London		
State/Country:	UNITED KINGDOM		
Postal Code:	EC1N 8EE		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	11629809	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: JMYT-380US

NAME OF SUBMITTER: Christopher R. Lewis

Total Attachments: 2

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OP \$40.00 116

PATENT REEL: 023648 FRAME: 0460

ASSIGNMENT - Patent Application			Docket Number: JMYT-380US		
Whereas, the Assignor, comprising the following named inventors:					
ASSIGNOR(s)/ INVENTOR(s)	1. And	irew James Fletcher	2.	2.	
	3,		4.	4.	
	5.		6.		
made, along with Julia Margaret Rowe and Jonathan David Brereton Sharman of Johnson Matthey Public Limited Company; and George Thomas Quayle, Julian Andrew Siodlak and Nigel Julian Walker of Technical Fibre Products Limited, an invention entitled: GAS DIFFUSION SUBSTRATE					
for which an applic		Letters Patent of the United States	t		
is executed concurrently herewith was filed in the U.S. Patent and Trademark Office on <u>07/03/2008</u> , as U.S. Patent Application Serial No.: <u>11/629,809</u>					
ASSIGNEE (Full Name and Address) Johnson Matthey Public Limited Company (a British body corporate) 40-42 Hatton Garden London EC1N 8EE United Kingdom					

is desirous of acquiring Assignor's 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, Assignor's 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 (as co-owner along with Technical Fibre Products Limited), 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.

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ASSIGNMENT - Patent Application

Docket Number: JMYT-380US

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.

	Typed or	Printed Name	Signature	Date
	1. Andrew Jan	nes Fletcher	129	29 Juy 09
2. 3. SIGNATURE 4. 5.			* Witness to Assignor #1	29 July 09
	2.			
			* Witness to Assignor #2	
	3.			 :
			* Witness to Assignor #3	
	4.			·
			* Witness to Assignor #4	
	5.			<u> </u>
			* Witness to Assignor #5	
	6.			· · · · · · · · · · · · · · · · · · ·
			* Witness to Assignor #6	
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Application for I	United States Letter	rs Patent:		
Serial No.:		11/629,809		
Filed:		07/03/2008		
Attorney Docket Number:		JMYT-380US		
Total Number of Assignment Pages		s 2	Witness signature recommended, ma	andatory for some countries

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PATENT REEL: 023648 FRAME: 0462

RECORDED: 12/14/2009