U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

R

101516217

ET

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

1 N						
I. Name of conveying party(ies):	2. Name and address of receiving party(ies):					
1) Dirk ADERHOLD; 1) Alan George HAYNES;	Name: Johnson Matthey Public Limited Company					
3) Michael Leonard William SPENCER; and	Internal Address: 2-4 Cockspur Street					
4) Duncan John William WINTERBORN	Street Address: <u>Trafalgar Squre</u>					
	City: London State: United Kingdom ZIP: SW1Y 5BQ					
Additional name(s) of conveying party(ies) attached?	Additional name(s) & address(es) attached? YES NO					
2 Nature of Community						
3. Nature of Conveyance: Assignment						
Execution Date: 1), 2), 3) 17 Oct. 2000; 4) 18 Oct. 2000						
4. Application number(s) or patent number(s):						
If this document is being filed together with a new applica	ation, the execution date of the application is:					
A. Patent Application Number(s) 09/646,064	B. Patent Number(s)					
(b) <u>0370 10,001</u>	D. I dient (dinoci(s)					
Additional number(s) attached? YES NO						
	6. Total number of applications and patents involved: 1					
5.Name and address of party to whom correspondence concerning document should be mailed: Name: Paul F. Prestia	and parons involved. I					
Internal Address: Ratner & Prestia	7. Total fee (37 CFR 3.41): \$ 40.00					
1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	· · · · · · · · · · · · · · · · · · ·					
Street Address: Suite 301, One Westlakes, Berwyn,	Enclosed					
P.O. Box 980	Authorized to be charged to deposit account					
City: Valley Forge State: PA ZIP: 19482-0980	-					
Chy. vaney roige State. PA ZIP. 19482-0980	8. Deposit account number: 18-0350					
	(Attach duplicate copy of this page if paying by deposit account.)					
	E THIS SPACE					
9 Statement and signature.						
To the best of my knowledge and belief, the foregoing inform	mation is true and correct and any attached copy is a true copy of					
The second secon						
Christoher R. Lewis	11 00 000 1					
Name of Person Signing Signature	2200000000000000000000000000000000000					
36,201	- acc					
Registration. No.						
	ver sheet attachments and document: 2					
Total number of pages including cover sheet, attachments, and document: 3 OMB No. 0651-0011 (exp. 4/94)						
Do not detach this portion						
Mail documents to be recorded with required cover sheet information to:						
Commissioner of Patents and Trademarks						
	signments					
Washington, D.C. 20231						
··· ··································						

ASSIGNMENT

WHEREAS, we, Dirk ADERHOLD; Alan George HAYNES; Michael Leonard William SPENCER; and Duncan John William WINTERBORN, of Royston, Herts, United Kingdom; Royston, Herts, United Kingdom; Baldock, Herts, United Kingdom; and Milton, Cambridge, United Kingdom, respectively, (hereinafter referred to as "ASSIGNOR") have made an invention entitled MONOLITH COATING APPARATUS AND METHOD THEREFOR, for which the ASSIGNOR executed an application for United States Letters Patent under Application Number 09/646,064;

WHEREAS, the ASSIGNEE, JOHNSON MATTHEY PUBLIC
LIMITED COMPANY, 2-4 Cockspur Street, Trafalgar Square, London SW1Y 5BQ,
United Kingdom, a corporation organized and existing under and by virtue of the laws of
the 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.

PATENT REEL: 011229 FRAME: 0468 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:						
		25		/		
						Signature
		Date:	1.	7/10	120	00
Witness as to ASSIGNO	R #1: (Optional) _		Aly	Serp	rel	
ASSIGNOR #2:	Typed Name:	Alan Ge	orge H	- 1	1	
			My	Den-	Len /	Signature
		Date:	17	10	00	
Witness as to ASSIGNO	R #2: (Optional)		J.	Sun	Q	
ASSIGNOR #3:	Typed Name:					
			ent	wo	1 19 2-	Signature
						Signature
		Date:	116	7/7	110/2	000
Witness as to ASSIGNO	R #3: (Optional)		Mix	Dailu	nr.	
ASSIGNOR #4:	Typed Name:	Duncan	John W	illiam W	/INTERE	BORN
			in w) Lu	<u> </u>	
						Signature
		Date:	18	10/00		
Witness as to ASSIGNO	R #4: (Optional)	426	list		8/10/00	
			· : 1 / 5		•	

RECORDED: 10/22/2000

PATENT REEL: 011229 FRAME: 0469