Docket No.: 13445 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 (Modified) Т 08-08-2003 (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) POBA/REV03 Tab settings → → 102519950....attached original documents or copy thereof. To the Director of the United 1. Name of conveying party(ies): ピーチュのプ 2. Name and address of receiving party(ies): BYGOTT, Claire Name: Millennium Inorganic Chemicals, Inc. RIES, Michel KINNIARD, Stephen P. Address: 20 Wight Avenue Suite 100 ☐ Yes ☒ No Additional names(s) of conveying party(ies) Nature of conveyance: ☐ Merger City: Hunt Valley ____ State/Prov.: MD ☐ Change of Name ☐ Security Agreement Country: United States ZIP: 21030 Other Execution Date: _6/23/03; 6/26/03; 6/30/03 ☐ Yes ⊠ No Additional name(s) & address(es) Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) Filing date Patent Application No. Nov. 8, 2002 10/291,104 ☐ Yes 🗵 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Scott D. Locke, Esq. 7. Total fee (37 CFR 3.41):....\$ 40.00 44,877 Registration No. ☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: Kalow & Springut LLP Authorized to be charged to deposit account 488 Madison Avenue, 19th Floor 8. Deposit account number: 11-0171 City: New York, State/Prov.: NY (Attach duplicate copy of this page if paying by deposit account) Country: United States ZIP. 10022 00/07/2003 DDYRNE DO NOT USE THIS SPACE 40.00 DP opr**⊆see**ment 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. 30, 3003

Total number of pages including cover sheet, attachments, and

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

Mail Stop Assignment Recordation Services

Director of the United States Patent and Trademark Office

P.O. Box 1450, Alexandria, VA 22313-1450

Signature

Scott D. Locke, Esq.

Name of Person Signing

ASSIGNMENT

For one-dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the undersigned. Claire Bygon, residing at 29a The Avenue Healing, Grimsby, North East Lincolnshire, DN41 7NA; Michel Ries, residing at 13 Alise du Lao, Orly, France, \$4310; and Stephen P. Kinniard, residing at 3214 Evergreen Way, Ellicott City, Maryland, 21042,

Hereby sell, assign and transfer to Millennium Inorganic Chemicals, Inc., having a place of business at 20 Wight Avenue, Soite 100. Hunt Valley, Maryland, 21020, its successors, assigns and legal representatives, the entire right, title and interest for all commiss, in and to any and all inventions that are disclosed and slaimed, and any and all inventions that are disclosed and stained, and any and all inventions that are disclosed but not claimed, in the application for United States Patent that has been executed by the undersigned and is entitled:

Photocatalytic Rutile Titanium Dioxide

(US Application Serial No. 10/291,104, filed November 8, 2002)

and in and to said application and all divisional, continuing, substitute, tenewal, reissue and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries that have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents that have been or shall be issued on said inventions;

Authorize and request the Director of Patents of the United States to Issue to said

Assignee, the corporation above camed, its successors, assigns and legal representatives, in
accordance with this assignment, any and all United States Letters Patent on said inventions
or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patchts or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patcht or other rights, the priority of the aforesaid United States patcht application under the provisions of the International Convention of 1863 and later modifications thereof, under the Patcht Cooperation Treaty, under the European Patcht

Convention or under any other available international agreement, and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, so carry out in good faith the intent and purpose of this analgoristic, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries execute all divisional, condutting, substitute, renewal, reistace, and all other patent applications or other documents on any and all said inventions; excours all rightful orths, assignments, powers of attorney and other papers; communicate to said Assigned, its successor, assigns and representatives, all facts known and deciments available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors. assigns or representatives shall consider desirable for siding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all parents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assigner, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property berein conveyed has been made to others by the understanted, and that full right to convey the same as herein expressed is possessed by the undarsigned.

ASSIGNOR5

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Address 52 Welson Way Address: ELORRERRY HOUSE

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ASSIGNMENT

For one-dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the undersigned, Claire Bygon, residing at 29a The Avenue Healing, Grimsby, North East Lincolnahire, DN41 7NA; Michel Ries, residing at 13 Allee du Lac, Orly, France, 94310; and Stophen P. Kinniard, residing at 3214 Evergreen Way, Ellicott City, Maryland, 21042,

Hereby sell, assign and transfer to Millennium Inorganic Chemicals, Inc., having a place of business at 20 Wight Avenue, Suite 100, Funt Valley, Maryland, 21030, its successors, assigns and legal representatives, the cutire right, title and interest for all countries, in and to any and all inventions that are disclosed and claimed, and any and all inventions that are disclosed but not claimed, in the application for United States Patent that has been executed by the undersigned and is entitled:

Photocatalytic Rutile Titanium Dioxide

(US Application Scrial No. 10/291,104, filed November 8, 2002)

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries that have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents that have been or shall be issued on said inventions:

Authorize and request the Director of Patents of the United States to issue to said

Assignee, the corporation above named, its successors, assigns and legal representatives, in
accordance with this assignment, any and all United States Letters Patent on said inventions
or any of them disclosed in said application;

Agree that said Assignce may apply for and receive foreign Letters Patents or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent

Date: 6/30/2003 Witness: 7-14. ROUSS EAUX Date: 02/01/2003 Address: 19 RUE LEONALD	By: New de Botagra
DE VINCI 76620 LE HAVRE	76230 Montivillions Forum
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ASSIGNMENT

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Hereby sell, assign and transfer to Millemnium Inorganic Chemicals, Inc., having a place of business at 20 Wight Avenue, Suite 100, Hunt Valley, Maryland, 21030, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions that are disclosed and claimed, and any and all inventions that are disclosed but not claimed, in the application for United States Patent that has been executed by the undersigned and is entitled:

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(US Application Serial No. 10/291,104, filed November 8, 2002)

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Michel Ries

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		Stephen P. Kinniard		
Date: _	June 23, 2003	By: <u>d</u>	Signature Signature	
Witness:	Han Stappen 2003	Witness:	Manitoutarsh	
Date: Z	3- June 2003	Date:	23-Jun-63	
Address:	1500 LAKE VISTA DE.	Address:	1882 McDuff Court	
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RECORDED: 08/04/2003