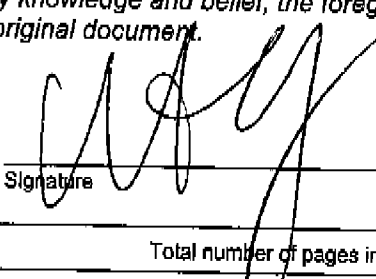


Substitute Form PTO-1595
 Attorney Docket No.: 08935-0426001
 Client's Ref. No.: Z-8447

RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Kirakodu S. Nanjundaswamy, Fan Zhang, Yichun Wang, James J. Cervera, Jennifer A. Nelson, Gary A. Miller and Rimma A. Sirotina Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): The Gillette Company I/PLegal Patent Department -3 E One Gillette Park Boston, MA 02127 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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"/> Other: Execution Date:	4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: 03/04/2010; 03/04/2010; 03/04/2010; 03/03/2010; 03/04/2010; 03/04/2010; 03/04/2010; A. Patent Application No(s): 12/722,751 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name/address of party to whom correspondence concerning document should be mailed: ROBERT C. NABINGER Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>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.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="width: 30%;"> Robert C. Nabinger Reg. No. 33,431 Name of Person Signing </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: right;"> March 25, 2010 Date </div> </div>	
Total number of pages including coversheet, attachments and document: 5	

22383705.doc

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

March 25, 2010
 Date of Transmission

Signature

PATENT
 Typed Name of Person Signing Certificate

700432846

REEL: 024135 FRAME: 0624

CH \$40.00 061050 12722761

GLOBAL GENERAL ASSIGNMENT

WHEREAS I/we, the undersigned inventor(s) herewith declare that I am the sole inventor/we are the joint inventors and I/we have made a certain invention as set forth in a patent application (including industrial designs and utility models) entitled ACID-TREATED MANGANESE DIOXIDE AND METHODS OF MAKING THEREOF, Attorney's Docket No. 08935-0426001 and filed in the U.S. Patent Office as Number / / on (the hereinafter named assignee being authorized to insert said Number and filing date when ascertained);

**Kirakodu S. Nanjundaswamy of 6 Tamworth Road
Sharon, MA 02067 ;**

**Fan Zhang of 49 Tillotson Road - Suite #4
Needham, MA 02494 ;**

**Yichun Wang of 19 Thruah Street
West Roxbury, MA 02132 ;**

**James J. Cervera of 11 Sweetbriar Lane
Sandy Hook, CT 06482 ;**

**Jennifer A. Nelson of 10 Lunda St #1
Waltham, MA 02451 ;**

**Gary A. Miller of 47 Amor Road
Milton, MA 02186 ;**

**Rimma A. Sirotina of 54 East Bluff Road
Ashland, MA 01721 ;**

I/We made said invention set forth in said patent application while employed by, or otherwise under an obligation to assign said invention to THE GILLETTE COMPANY or one of its Affiliates and acknowledge my/our obligation at the time the invention was made to assign said invention to THE GILLETTE COMPANY or the Affiliate, respectively. Pursuant to said obligation and (in the case of employment by or obligation to the Affiliate) at the request of the Affiliate, I/we assign to THE GILLETTE COMPANY, its legal representatives, successors and assigns, the entire right, title and interest (including the right to claim priority of the filing date of said patent application under international conventions) in said invention as set forth in said patent application, and in all patents of the United States and of any other country which may be issued for said invention, as fully and completely as the same would have been held by me/us had this assignment not been made. The entire right, title and interest shall vest irrevocably in THE GILLETTE COMPANY. I/We further agree upon request, without additional compensation but at no expense to me/us, to execute or assent to applications, and to execute all other legal documents as may be necessary or desirable to vest the enjoyment of the rights assigned to THE GILLETTE COMPANY, its legal representatives, successors and assigns, or as said Company may direct.

I/We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention herein assigned and as set forth in U. S. Application Serial Number (the hereinafter named assignee being authorized to insert said U.S. Serial Number when ascertained) to THE GILLETTE COMPANY, its legal representatives, successors or assigns, as the sole owner of the entire right, title, and interest in said patent and the invention and the invention covered thereby.

The ASSIGNMENT of said invention is effective as of the earlier of 1) the date of execution shown below or 2) the filing date of the first filed of said patent application(s).

Docket No. 08935-0426001

Page 2 of 3



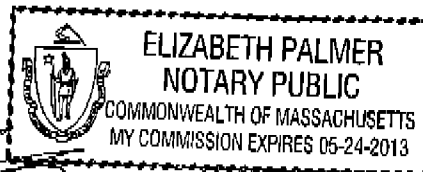
Kirakodu S. NaniundaswamyMarch 4th, 2010


State of Massachusetts

County of Norfolk

} SS

On this 4th day of March, 2008, before me personally appeared Kirakodu S. Naniundaswamy, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Notary Public/Witness


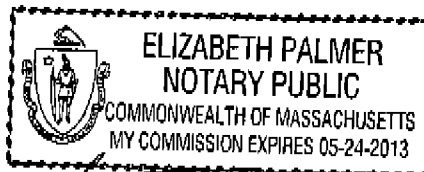
Fan ZhangMarch 4, 2010

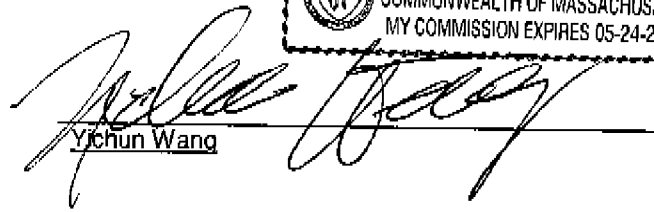
State of Massachusetts

County of Norfolk

} SS

On this 4th day of March, 2008, before me personally appeared Fan Zhang, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Notary Public/Witness

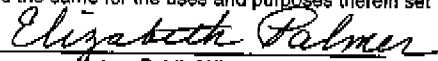
Yichun WangMarch 4, 2010

State of Massachusetts

County of Norfolk

} SS

On this 4th day of March, 2008, before me personally appeared Yichun Wang, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Notary Public/Witness_____
James J. Cervera

March _____, 2010

State of

County of

} SS

On this _____ day of March, 2008, before me personally appeared James J. Cervera, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Notary Public/Witness **PATENT****REEL: 024135 FRAME: 0626**

Docket No. 08935-0426001

Page 2 of 3

Kirakodu S. Nanjundaswamy

March ____, 2010

State of _____ }
County of _____ } ss

On this ____ day of March, 2008, before me personally appeared Kirakodu S. Nanjundaswamy, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Notary Public/WitnessFan Zhang

March ____, 2010

State of _____ }
County of _____ } ss


On this ____ day of March, 2008, before me personally appeared Fan Zhang, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Notary Public/WitnessYichun Wang

March ____, 2010

State of _____ }
County of _____ } ss

On this ____ day of March, 2008, before me personally appeared Yichun Wang, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Notary Public/Witness
James J. CerveraMarch 3, 2010

State of Connecticut }
County of Fairfield } ss Bethel

On this 3rd day of March, 2010, before me personally appeared James J. Cervera, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Notary Public/Witness

Amy Gaal, Notary Public
State of Connecticut
My Commission Expires July 31, 2013

PATENT

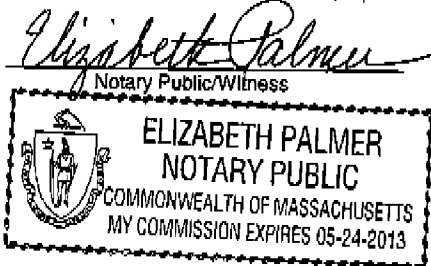
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Jennifer A. Nelson

3/4/10
March 4, 2010

State of Massachusetts }
County of Norfolk } SS

On this 4th day of March, 2008, before me personally appeared Jennifer A. Nelson, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

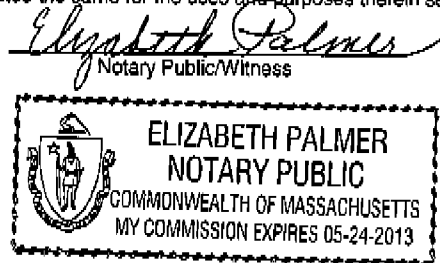


Gary A. Miller

March 4, 2010

State of Massachusetts }
County of Norfolk } SS

On this 4th day of March, 2008, before me personally appeared Gary A. Miller, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

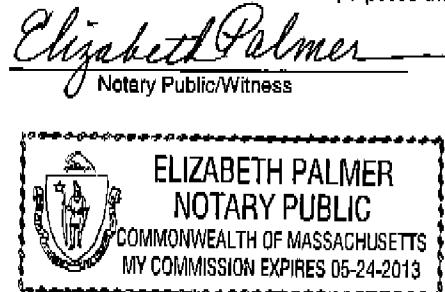


Rimma A. Sirotna

March 4, 2010

State of Massachusetts }
County of Norfolk } SS

On this 4th day of March, 2008, before me personally appeared Rimma A. Sirotna, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Attorney's Docket No.: 08935-0426001

Client's Ref. No.: Z-8447

OFFICIAL COMMUNICATION FACSIMILE**TO THE ATTENTION OF:****MAIL STOP ASSIGNMENT****MAIL STOP ASSIGNMENT FAX NO: 571/273-0140**

Number of pages including this page 6

Applicant : Kirakodu S. Nanjundaswamy et
al.

Art Unit :

Examiner :

Serial No. : 12/722,751

Filed : March 12, 2010

Title : ACID-TREATED MANGANESE DIOXIDE AND METHODS OF MAKING
THEREOF

FACSIMILE COMMUNICATION

MAIL STOP ASSIGNMENT RECORDATION SERVICES

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Attached to this facsimile communication cover sheet is a Recordation Form Cover Sheet and Assignment, faxed this 25th day of March, 2010, to Mail Stop Assignment Recordation Services, U.S. Patent and Trademark Office.

Date: March 25, 2010

Respectfully submitted,


Robert C. Nabinger

Reg. No. 33,431

PTO Customer No. 26163

Fish & Richardson P.C.

225 Franklin Street

Boston, MA 02110

Telephone: (617) 542-5070

Fax: (617) 542-8906

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PATENT**RECORDED: 03/25/2010****REEL: 024135 FRAME: 0629**