

01-09-2009

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)

12/317542 12/24/2008



U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office Atty. Docket: 5140-005

Tab settings

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

1. Name of conveying party(ies):

(1) Tarek H. ALMUSALLAM (4) Waheed Atia AL-MASRY (2) Mohammad Iqbal KHAN (5) Fadi Mohamed TRABZUNI (3) Yousef Saleh AL-ZEGHAYER

Additional name(s) of conveying party(ies) attached? [] Yes [x] No

3. Nature of conveyance:

[x] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

Execution Date: November 15, 2008, November 15, 2008, November 15, 2008, November 15, 2008, and November 23, 2008, respectively

2. Name and address of receiving party(ies)

Name: The National Titanium Dioxide Co. Ltd. Internal Address: (CRISTAL)

Street Address: P.O. Box 13586

City: Jeddah State: Kingdom of Saudi Arabia Zip: 21414

Additional name(s) & address(es) [] Yes [x] No

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: November 15, 2008 and November 23, 2008, respectively

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Leonard D. Bowersox, Esq.

KILYK & BOWERSOX, P.L.L.C.

Internal Address:

Street Address: 3925 Chain Bridge Road, Suite D-401

City: Fairfax State: Virginia Zip: 22030

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$ 40.00

[x] Payment by credit card. Form PTO-2038 is attached.

[x] Authorized to be charged to deposit account any deficiencies in the above fee.

8. Deposit account number:

50-0925 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Leonard D. Bowersox (Reg. No. 33,226) Name of Person Signing

Signature

December 24, 2008 Date

Total number of pages including cover sheet, attachments, and documents: [7]

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

Date: December 24, 2008 Label No. EM 235216436 US I hereby certify that, on the date indicated above, I deposited this paper with identified attachments and/or fee with the U.S. Postal Service and that it was addressed for delivery to Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 by "Express Mail Post Office to Addressee" service.

Virginia J. Byers Name (Print)

Signature

12/30/2008 CNBUYEN2 00000004 12317542

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ASSIGNMENT

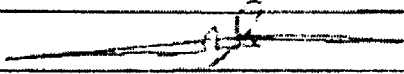
WHEREAS We I, the below named inventors, hereinafter referred to as Assignors, have made an invention entitled HEAVY METAL PRODUCTION WASTE HYDROLYSIS PARTIAL ELEMENT REPLENISHMENT for which we I filed an application for United States Patent in _____ as Application No. _____

WHEREAS The National Titanium Dioxide Co. Ltd. (CRISTAL) a corporation of Kingdom of Saudi Arabia, whose principal address is P.O. Box 13586, Jeddah 21414, Kingdom of Saudi Arabia hereby referred to as Assignee, in desire of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Patent on this invention, and the Foreign Patent to be issued upon this application

NOW THEREFORE be it known that for and in consideration of the sum of one United States Dollar in hand paid and other good and valuable consideration the receipt of which is hereby acknowledged We I, as assignors, have sold, assigned, transferred and conveyed and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my our entire right, title, and interest in and to the invention and this application, and all divisions, and continuations thereof, and all reissues patent of the United States which may be granted thereon, and all reissues, renewals, and all rights to claim priority for the rights of such application, and of applications for Foreign Patent which may hereafter be filed for this invention in any foreign country, and a Foreign Patent which may be granted thereon in any foreign country, and all extensions, renewals, and issues thereof, and I do hereby authorize and request the Commissioner of Patents, and Trademarks of the United States, and any officers of any foreign country whose jurisdiction may be required on applications as described above, to issue the Foreign Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment.

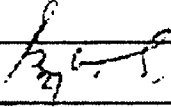
AND, WE I HEREBY covenant that We I have the full right to convey the interest assigned in this Assignment, and do not have any other interest and will not execute any agreement in conflict with this Assignment.

AND, WE I HEREBY further covenant and agree that We I will, without further consideration, communicate with a foreign assignee and assignor, my heirs, successors, assigns, and assigns, to execute this invention, and to file in any legal proceeding, sign if lawful process, when called upon to do so, execute and deliver, and all papers that may be necessary or desirable to perfect the title to this invention, in and through the assignee, and assigns, execute all divisions, continuations, and reissue applications, make all rightful claims, and amendments, everything possible to and assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incurred in the execution of such patent applications shall be borne by the assignee, its successors and assigns.

FULL NAME OF FIRST INVENTOR: <u>Imek H. ALMI SALAM</u>	
Address	<u>c/o The National Titanium Dioxide Co. Ltd. (CRISTAL)</u> <u>P.O. Box 13586</u> <u>Jeddah 21414</u> <u>Kingdom of Saudi Arabia</u>
Signature	
Date	<u>18-11-2008</u>

FULL NAME OF SECOND INVENTOR: Mohammad Iqbal KHAN

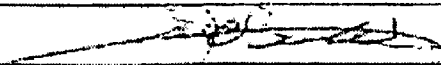
Address: c/o The National Titanium Dioxide Co Ltd (CRISTAL)
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Kingdom of Saudi Arabia

Signature: 

Date: 15-11-2008

FULL NAME OF THIRD INVENTOR: Yousef Seïch AL-ZUHAYR

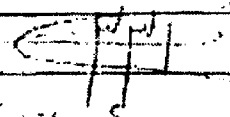
Address: c/o The National Titanium Dioxide Co Ltd (CRISTAL)
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FULL NAME OF FOURTH INVENTOR: Wahed Aïa AL-MASRY

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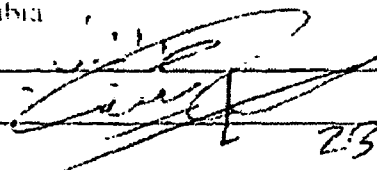
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Date: 15/11/2008

FULL NAME OF THE INVENTOR: Ladi Mohamed TRABZUNI

Address: c/o The National Titanium Dioxide Co. Ltd (CRISTAL)
P.O. Box 13586
Jeddah 21414
Kingdom of Saudi Arabia

Signature



Date

23.11.08

ASSIGNMENT

(Worldwide Rights)

WHEREAS We/I, the below named inventors. [hereinafter referred to as Assignors], have made an invention entitled: TITANIUM PRODUCTION WASTE BYPRODUCT AS PARTIAL CEMENT REPLACEMENT for which We/I filed an application for United States Letters patent on _____, as Application No. _____;

WHEREAS, The National Titanium Dioxide Co. Ltd. (CRISTAL), a corporation of Kingdom of Saudi Arabia, whose post office address is P.O. Box 13586, Jeddah 21414, Kingdom of Saudi Arabia (hereby referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, We/I, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We/I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE/I HEREBY covenant that We/I have the full right to convey the interest assigned by this Assignment, and We/I have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE/I HEREBY further covenant and agree that WE/I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

FULL NAME OF FIRST INVENTOR: Tarek H. ALMUSALLAM

Address: c/o The National Titanium Dioxide Co. Ltd. (CRISTAL)
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Kingdom of Saudi Arabia

Signature:

Date:

FULL NAME OF SECOND INVENTOR: Mohammad Iqbal KHAN

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Jeddah 21414
Kingdom of Saudi Arabia

Signature:

Date:

FULL NAME OF THIRD INVENTOR: Yousef Saleh AL-ZEGHAYER

Address: c/o The National Titanium Dioxide Co. Ltd. (CRISTAL)
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Jeddah 21414
Kingdom of Saudi Arabia

Signature:

Date:

FULL NAME OF FOURTH INVENTOR: Waheed Atia AL-MASRY

Address: c/o The National Titanium Dioxide Co. Ltd. (CRISTAL)
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Jeddah 21414
Kingdom of Saudi Arabia

Signature:

Date:

FULL NAME OF FIFTH INVENTOR: Fadi Mohamed TRABZUNI

Address: c/o The National Titanium Dioxide Co. Ltd. (CRISTAL)
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Kingdom of Saudi Arabia

Signature:

Date: