

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yousef Saleh Al-Zeghayer</td> <td>04/11/2010</td> </tr> <tr> <td>Sami M. BASHIR</td> <td>04/12/2010</td> </tr> <tr> <td>Ahmed V. YASER</td> <td>04/13/2010</td> </tr> <tr> <td>Hassan M. EL DEKKI</td> <td>04/17/2010</td> </tr> <tr> <td>Waheed A. AL-MASRY</td> <td>04/11/2010</td> </tr> <tr> <td>Fadi M. TRABZUNI</td> <td>04/18/2010</td> </tr> </tbody> </table>		Name	Execution Date	Yousef Saleh Al-Zeghayer	04/11/2010	Sami M. BASHIR	04/12/2010	Ahmed V. YASER	04/13/2010	Hassan M. EL DEKKI	04/17/2010	Waheed A. AL-MASRY	04/11/2010	Fadi M. TRABZUNI	04/18/2010
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<b>RECEIVING PARTY DATA</b>															
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<b>CORRESPONDENCE DATA</b>															
<p><b>Fax Number:</b> (703)385-9719</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p><b>Phone:</b> 703-385-9688</p> <p><b>Email:</b> LBOWERSOX@KBPATENTLAW.COM</p> <p><b>Correspondent Name:</b> KILYK &amp; BOWERSOX, P.L.L.C.</p> <p><b>Address Line 1:</b> 3925 CHAIN BRIDGE ROAD</p> <p><b>Address Line 2:</b> SUITE D401</p> <p><b>Address Line 4:</b> FAIRFAX, VIRGINIA 22030</p>															
<b>ATTORNEY DOCKET NUMBER:</b>	5140-008														

OP \$40.00 12725010

**501156385**

**PATENT**  
**REEL: 024277 FRAME: 0322**

NAME OF SUBMITTER:

Leonard D. Bowersox

Total Attachments: 2

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ASSIGNMENT

(Withheld Right)

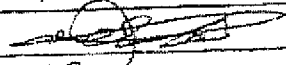
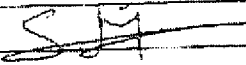

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled: **PHOTOCATALYST COMPRISING TiO<sub>2</sub> AND ACTIVATED CARBON MADE FROM DATE PITS**, for which We filed an application for United States Letters Patent on March 16, 2010, as Application No. 12/721,010; and

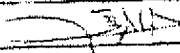
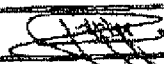
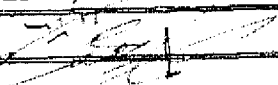
WHEREAS, The National Titanium Dioxide Co. Ltd. (CRISTAL) (Full Name of Assignee), a corporation of Saudi Arabia (State or Country of Incorporation), whose post office address is P.O. Box 13586, Jeddah, 21414, Saudi Arabia (hereby referred to as Assignee), is desirous of securing the entire right, title, 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 good and valuable consideration the receipt of which from assignee is hereby acknowledged, We, 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 non-provisional 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 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 HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We 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: Yousef Saleh Al-Zeghayer	
Address: P.O. Box 13586, Jeddah, 21414, Saudi Arabia	
Signature:	
Date:	11-4-2010
FULL NAME OF SECOND INVENTOR: Sami M. BASHIR	
Address: P.O. Box 13586, Jeddah, 21414, Saudi Arabia	
Signature:	
Date:	2/24/2010
FULL NAME OF THIRD INVENTOR: Ahmed V. YASER	
Address: P.O. Box 13586, Jeddah, 21414, Saudi Arabia	
Signature:	
Date:	13/04/2010

FULL NAME OF FOURTH INVENTOR: Hassan M. EL DEKKI	
Address: P.O. Box 13586, Jeddah, 21414, Saudi Arabia	
Signature:	
Date:	17/04/2010
FULL NAME OF FIFTH INVENTOR: Waheed A. AL-MASRY	
Address: P.O. Box 13586, Jeddah, 21414, Saudi Arabia	
Signature:	
Date:	11-04-2010
FULL NAME OF SIXTH INVENTOR: Fadi M. TRABZUNI	
Address: P.O. Box 13586, Jeddah, 21414, Saudi Arabia	
Signature:	
Date:	18/4/2010