

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<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>David A. Purta</td> <td>12/12/2002</td> </tr> <tr> <td>Marc A. Portnoff</td> <td>12/12/2002</td> </tr> <tr> <td>Faiz Pourarian</td> <td>12/16/2002</td> </tr> <tr> <td>Margaret A. Nasta</td> <td>12/12/2002</td> </tr> <tr> <td>Jingfeng Zhang</td> <td>12/12/2002</td> </tr> </tbody> </table>		Name	Execution Date	David A. Purta	12/12/2002	Marc A. Portnoff	12/12/2002	Faiz Pourarian	12/16/2002	Margaret A. Nasta	12/12/2002	Jingfeng Zhang	12/12/2002
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CORRESPONDENCE DATA													
<p>Fax Number: (414)277-0656 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 414-271-6560 Email: mkeipdocket@michaelbest.com Correspondent Name: MICHAEL BEST & FRIEDRICH LLP Address Line 1: 100 E WISCONSIN AVENUE Address Line 2: Suite 3300 Address Line 4: MILWAUKEE, WISCONSIN 53202</p>													
ATTORNEY DOCKET NUMBER:	019504-9002 US01												
NAME OF SUBMITTER:	Brian D. Bean												

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PATENT
REEL: 023393 FRAME: 0803

Total Attachments: 3

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ASSIGNMENT

Pursuant to our obligation to Carnegie Mellon University (hereinafter referred to as "Assignee"), a not-for-profit corporation organized under the laws of Pennsylvania having its principal place of business at:

5000 Forbes Avenue
Pittsburg, PA 15213

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

David A. Purta
3613 Crestview Drive
Gibsonia, PA 15044

Marc A. Portnoff
160 Robinson St.
Pittsburgh, PA 15213

Faiz Pourarian
10119 Deer View Point
Wexford, PA 15090

Margaret A. Nasta
922 Washington Street
McKeesport, PA 15132-1653

Jingfeng Zhang
1028 High Meadows Drive
Gibsonia, PA 15044

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest -

(1) in and to an invention entitled "CATALYST FOR THE TREATMENT OF ORGANIC COMPOUNDS" for which we have executed United States Patent Application Serial No. 10/273,384, filed October 17, 2002 (Atty. File No. 019504-9002-00);

(2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted;

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the United States patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of our Assignee with a claim to priority based on said United States application.

And we hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said United States patent or patents to Assignee.

12/12/2002
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Jingfeng Zhang

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