1-31-92	01-21-200	3	U.S. DEPARTMENT OF COMMER ET Patent and Trademark Of
			1.15.43
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Please record the attached original documents or copy the			
1. Name of conveying party(ies): David A. Purta, Marc A. Portnoff, Fai Nasta and Jingfeng Zhang	z Pourarian, Margaret A.	2. Name: Address:	5000 Forbes Avenue
3. Nature of Conveyance:			Pittsburg, PA 15213
X Assignment _ Merger		Addition	nal name(s) & address(es) attached? _ Yes X No
_ Security Agreement Change of l	Name		má.
Other: Execution Date: December 12, 2002, December 12, 200 December 12, 2002 and December 12,			FINANCE
4. Application number(s) or patent number(s):			A V
A. Patent Application No.(s) 10/273,390 Filed: October 17, 2002	_	В.	Patent No.(s)
	Additional numbers attached	? _ Yes _X	(No 2 4 8
5. Name and address of party to whom correspond should be mailed: Kevin P. Moran Michael Best & Friedrich LLP 100 East Wisconsin Avenue	dence concerning document	6.	Total number of applications and patents involved: 1
Milwaukee, Wisconsin 53202-4108 Phone: (414) 271-6560			
		7.	Total fee (37 CFR 3.41):\$ 40.00
			<u>X</u> Enclosed
			X Deficiencies in fee charged to Deposit Account
		8.	Deposit account number: 13-3080
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To the best of my knowledge and belief, the fore	egoing information is frue and c	orrectand a	ry pyached copy is a true copy of the original document.
Gregory J. Hartwig (Reg. No. 46,761) Name of Person Signing	Signature	> \	January 14, 2003 Date
Attorney File <u>019504-9003-00</u> 217/2003 ECOOPER 00000112 10273390 Total number	er of pages including cover sheet	t, attachment	ts, and document: 4
MB 3651-0011 (exp. 4/94)			
ec: Docketing			

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PATENT REEL: 013664 FRAME: 0030

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 -

PATENT REEL: 013664 FRAME: 0031 (1) in and to an invention entitled "CATALYTIC PROCESS FOR THE TREATMENT OF ORGANIC COMPOUNDS" for which we have executed United States Patent Application Serial No. 10/273,390, filed October 17, 2002 (Atty. File No. 019504-9003-00);

1

- (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.

2

And the Commissioner of Patents and Trademarks of the United States is hereby

authorized and requested to issue said United St	ates patent or patents to Assignee.
12/12/02	David A Purt
Date:	David A. Purta
12/12/02	Man a Portuff Marc A. Portnoff
Date:	Marc A. Portnoff
12/16/02 Date:	Faiz Pourarian
12/12/2002 Date:	Margaret A. Nasta
12/12/2002 Date:	Jingfeng/Zhang

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RECORDED: 01/15/2003