Form PTO-1594 (Rev. 6-93) RECOF	i ikalal nan anner	-22-2000	HEET	U.S. Department of Commerce Patent and Trademark Office
OMB No. 0651-0011 (exp. 4/94)				
To the Honorable Commissioner of Patents an	10	1387370	riginal docume	ents or copy thereof.
1. Name of conveying party(ies):		Name and address of receiving party(ies):		
David Richardson		Name: University of Florida		
Cheng Xu Khalil Abboud		Address:	223 Grinter Hall	
Additional name(s) of conveying party(ies) attached?	Gainesville, Florida 23611			
3. Nature of conveyance:		Additional name(s) & address(es) attached? 🗆 Yes 🔳 No		
■ Assignment □ Merger				
☐ Security Agreement ☐ Change of	of Name			
☐ Other				
Execution Date: April 4, 2000; April 20, April 5, 2000, respective				
4. Application number(s) or patent number	(s):			
If this document is being filed with a nev	v application	, the execution (date of the application	on is:
A. Patent Application No.(s)		B. Patent No.	(s)	
09/506,053				
00,000,000				
Additional numbers attached? Yes No				
Name and address of party to whom correspondence concerning document should be mailed:		6. Total numb involved:	er of applications an	d patents 1
Name: Stanley A. Kim		7. Total Fee (37 CFR 34)	\$ 40.00
Internal Address:		■ Enclose	:d	
		☐ Authori	zed to be charged to	deposit account
Street Address: QUARLES & BRADY LLP 222 Lakeview Avenue, Suite 400 West Palm Beach, FL 33401		8. Deposit ac	count number	
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		(Attach duplicate copy of this page if paying by deposit account)		
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9. Statement and signature				
To the best of my knowledge and belief,	the foregoin	ng information is	true and correct and	d any attached copy is a
true copy of the original document.		_/	- /	
Sty un		5/2	3/00	
Stanley A Kim, Reg. No. 42,730		Da To	nte tal number of pages	including cover sheet: 5

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

Docket No. 5853-145 QBWPB\160430.1

ASSIGNMENT

WHEREAS, we, the undersigned, residing at the indicated addresses given below, have invented certain new and useful improvements in CATALYTIC OXIDATION OF HYDROCARBONS for which an application for Letters Patent was filed with the United States Patent Office; and

WHEREAS the UNIVERSITY OF FLORIDA, existing by virtue of the laws of the State of Florida, and having an office at 223 Grinter Hall, Gainesville, Florida 32611-5500, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent which may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, we, the undersigned, have sold, assigned, and transferred, and by these presents do sell, assign and transfer, unto said UNIVERSITY OF FLORIDA, its successors and assigns, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any all foreign countries to issue any and all of said Letters Patent, when granted, to said UNIVERSITY OF FLORIDA, as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said UNIVERSITY OF FLORIDA, its successors and assigns.

Further, we agree that we will communicate to said UNIVERSITY OF FLORIDA, or its representatives, any facts known to me respecting said invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said UNIVERSITY OF FLORIDA; make all rightful oaths; and generally do everything possible to aid the said UNIVERSITY OF FLORIDA, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

We further agree that the terms, covenants and conditions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on us, our heirs, legal representatives, and assigns.

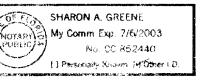
Dacket No. 5853-145 QBWPB\155619.1 Page 1 of 4

PATENT REEL: 010862 FRAME: 0222 Full name of 1st inventor: David Richardson

Signature: Date: Date

SEAL

My Commission Expires: 7/6/2003



Full name of 2 nd inventor: Cheng Xu
Signature: Cher Yn Date: April 20, 2000
Residence: Lawrenceville, New Jersey
Post Office Address: 315 White Pine Circle, Lawrenceville, New Jersey 08648
State of Florida County of
WITNESS my hand and seal the day and year last above given.
Michael J. Carlone Notary Public
SEAL My Commission Expires: NOTARIAL SEAL MICHAEL J. CARLONE, Notary Public Ony of Philadelphia, Phila. County My Commission Expires Feb. 19, 2001

Docket No. 5853-145 QBWPB\155619.1 Page 3 of 4

Full name of 3 rd inventor: Khalil Abboud
Signature: Date:
Residence: Gainesville, Florida
Post Office Address: 4147 NW 62nd Avenue, Gainesville, Florida 32653
State of Florida ,) County of Charles)
On this <u>o</u> day of <u>Copred</u> , 2000, before me, a Notary Public in and for the County and State aforesaid, appeared Khalil Abboud, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.
WITNESS my hand and seal the day and year last above given.
Scholan et Streene
Notary Public
SEAL My Commission Expires: SHARON A. GREENE

My Comm Exp. 7/6/2003 No. CC 852440 Li Personally Known LyCother LD.

Docket No. 5853-145 QBWPB\155619.1 Page 4 of 4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of: RICHARDSON, ET AL.

Application No.:

09/506,053

Examiner:

Date Filed:

February 17, 2000

Group:

1621

For:

CATALYTIC OXIDATION OF HYDROCARBONS

CERTIFICATE UNDER 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class mail in an envelope addressed to the Asst. Commissioner for

Patents, Washington, D.C. 20231, on May 23, 2000.

Reg. No. 42,730

<u>TRANSMITTAL LETTER</u>

Box Assignments Commissioner for Patents and Trademarks Washington, DC 20231

Sirs:

Please find enclosed for filing the following:

Assignment, with Recordation Coversheet;

Fee in the amount of \$40.00; and

1 postcard.

Please charge any underpayment or credit any overpayment to Deposit Account No. 17-

0055. This transmittal letter is submitted in duplicate.

Respectfully submitted,

Dated: May 23, 2000

Gregory A. Nelson

Registration No. 30,577

Stanley A. Kim

Registration No. 42,730

P.O. Box 3188

West Palm Beach, FL 33402-3188

Tel: 561-653-5000

Docket No. 5853-145 QBWPB\160427.1

RECORDED: 05/26/2000

PATENT

REEL: 010862 FRAME: 0226