

Client Code: UOH.012A

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Documents or copy thereof.

1. Name of conveying party(ies): (List using letters or numbers for multiple parties) 1) Jamil Rima 2) Qing X. Li 3) Lizette Aouezova Additional name(s) of conveying party(ies) attached? () Yes (X) No	2. Name and address of receiving party(ies): Name: University of Hawaii Internal Address: Street Address: 2800 Woodlawn Drive, Suite 280 City: Honolulu State: HI ZIP: 96822 Additional name(s) of receiving party(ies) attached? () Yes (X) No
3. Nature of conveyance: (X) Assignment () Security Agreement () Merger () Change of Name () Other: Execution Date: (List as in section 1 if multiple signatures) 1) 3/16/06 2) 2/22/06 3) 3/16/06	4. US or PCT Application number(s) or US Patent number(s): (X) Patent Application No.: 11/301,627 Filing Date: 12/13/05 Additional numbers attached? () Yes (X) No
5. Party to whom correspondence concerning document should be mailed: Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14 th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: UOH.012A	6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h)): \$40 (X) Enclosed	8. Deposit account number: 11-1410 Please charge this account for any additional fees which may be required, or credit any overpayment to this account.
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. <div style="display: flex; justify-content: space-between;"><div><u>Karoline A. Delaney</u> Name of Person Signing 44,058 Registration No.</div><div style="text-align: center;"> Signature</div><div style="text-align: center;"><u>3 April 2006</u> Date</div></div> <div style="text-align: right;">Total number of pages including cover sheet, attachments and document: 3</div>	

Documents transmitted via Mail to be recorded with required cover sheet information to:

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PATENT
REEL: 017750 FRAME: 0665

ASSIGNMENT

WHEREAS, We, Jamil Rima, a Lebanese citizen, residing at Zouk mosbeh El shwar Street, Anthony Bldg, Beirut, Lebanon; Qing X. Li, a U.S. citizen, residing at 1221 Luna Place, Honolulu, HI 96822; and Lizette Aouezova, a Russian citizen, residing at Rabieh, Beirut, Lebanon, have invented certain new and useful improvements in a GENERATION OF FREE RADICALS, ANALYTICAL METHODS, BACTERIAL DISINFECTIONS, AND OXIDATIVE DESTRUCTION OF ORGANIC CHEMICALS USING ZERO VALENT IRON AND OTHER METALS for which we have filed an application for Letters Patent in the United States, Application No. 11/301,627 filed on December 13, 2005;

AND WHEREAS, the University of Hawaii (hereinafter "ASSIGNEE"), with its principal place of business at 2800 Woodlawn Drive, Suite 280, Honolulu, HI 96822, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16TH day of MARCH, 2006


Jamil Rima

STATE OF Republic of Lebanon)
 City of Beirut)
 Embassy of the United States) SS.
COUNTY OF States of America)

Barbara T. Messmer

On 16 MAR 2006, before me, Vice Consul, personally appeared Jamil Rima personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is

subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Barbara T. Messmer

Vice Consul

Notary Signature

Barbara T. Messmer

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 22 day of February, 2006.

Qing X. Li
Qing X. Li

STATE OF

COUNTY OF

ss.

On 22nd, before me, Qingxiao Li, personally appeared Qing X. Li personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

James M. Karas
Notary Signature *Comm. exp. 6/11/2006*

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 66th day of MARCH, 2006.

STATE OF Republic of Lebanon)
 City of Beirut)
 Embassy of the United) SS.
COUNTY OF States of America)

Lizette Aouezova
Lizette Aouezova

Barbara T. Messmer

Vice Consul

On 16 MAR 2006, before me, Vice Consul, personally appeared Lizette Aouezova personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

Barbara T. Messmer
Barbara T. Messmer
Vice Consul

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