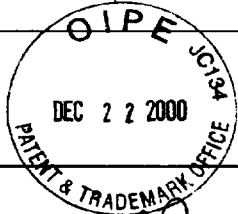


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Attorney Docket Number
9555-022-999

TO THE HONORABLE

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3 TRADEMARKS

Box Assignment
Washington, DC 20231

WLD
12-22-00

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Vernon E. Anderson and Michael B. Goshe	2. Name and address of receiving party(ies): Name: <u>Case Western Reserve University</u> Address: <u>10900 Euclid Avenue</u> <u>Cleveland, Ohio 44106</u> Country (if other than USA): _____
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____	
Execution Date: <u>December 13, 2000</u>	

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) <u>09/579,112,</u> <u>filed on May 25, 2000</u>	B. Patent No.(s) _____
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Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: PENNIE & EDMONDS LLP 1155 Avenue of the Americas New York, NY 10036	6. Number of applications and patents involved: <u>1</u>
	7. Total fee (37 CFR 3.41):.....\$ <u>40.00</u> Please charge to the deposit account listed in Section 8.
	8. Deposit account number: <u>16-1150</u>

DO NOT USE THIS SPACE

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.

<u>Brett Lovejoy</u> Name of Person Signing	<u>42,813</u> Reg. No.	<u><i>Brett Lovejoy</i></u> Signature	<u>December 22, 2000</u> Date
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For: Samuel B. Abrams (Reg. No. 30,605)

Total number of pages including cover sheet: 3

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

ASSIGNMENT

WHEREAS, WE, Vernon E. Anderson and Michael B. Goshe, ASSIGNORS, citizens of the United States, residing at 3310 Grenway Avenue, Shaker Heights, OH 44122 and 3411 35th Street NE, Canton, OH 44705, respectively, are the inventors of the invention in **METHODS FOR CARBON-CENTERED RADICAL MEDIATED HEAVY HYDROGEN LABELING OF COMPOUNDS** for which we have executed an application for a Patent of the United States

- which is executed on even date herewith or _____
- which is identified by Pennie & Edmonds LLP docket no. 9555-022-999
- which was filed on May 25, 2000, Application No. 09/579,112

and WHEREAS, Case Western Reserve University, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, 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, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention 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 and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign 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 protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date Dec. 13, 2000, 2000 Vernon E. Anderson L.S.

State of OHIO
County of LAKE)
) SS.:

In the State of OHIO, county of Cuyahoga, on Dec. 13, 2000, before me, Patty Gregory, Notary Public, personally appeared Vernon E. Anderson personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal
Patty Gregory

PATTY K. GREGORY
Notary Public State of Ohio, Lake County
My Commission Expires September 26, 2005

Date Dec. 13, 2000

Michael B. Goshe
Michael B. Goshe

L.S.

State of OHIO
County of LAKE) SS.:)

In the State of OHIO, county of Cuyahoga, on Dec. 13, 2000, before me, Patty K. Gregory Notary Public, personally appeared Michael B. Goshe personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Patty K. Gregory

PATTY K. GREGORY
Notary Public State of Ohio, Lake County
My Commission Expires September 26, 2005

