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RECORD



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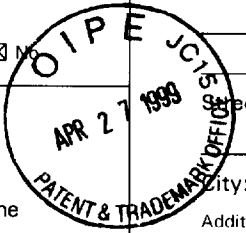
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Original documents or copy thereof.

To the Honorable Commissioner of Patents and Trademarks

1. Name of conveying party(ies):  
Timothy A. DeVol, Jonathan M. Duffey, James T. Harvey,  
Joel M. Williamson, David D. Brown and James E. Roane  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and Address of receiving party(ies)  
Name: Clemson University  
Internal Address: \_\_\_\_\_  
Street Address: 300 Bracket Hall



3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

City: Clemson State: South Carolina ZIP: 29634  
Additional name(s) & address(es) attached?  Yes  No

Execution Date: March 23, 26, and 29, 1999

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)  
09/190,331 - filed November 12, 1998  
Additional numbers attached?  Yes  No

B. Patent No.(s)  
\_\_\_\_\_

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Mitchell J. Weinstein, Esq.  
Internal Address: \_\_\_\_\_  
Street Address: 120 South Riverside Plaza  
Suite 2200  
City: Chicago State: Illinois ZIP: 60606

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41) . . . . . \$40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number:  
23-0920 (In the event of insufficient funds)  
(Attach duplicate copy of this page if paying by deposit account)

05/11/1999 DNGUYEN 00000202 09190331  
01 FC:581 (40.00 OP)

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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.  
Mitchell J. Weinstein  
Name of Person Signing  
[Signature]  
Signature  
April 27, 1999  
Date

Total number of pages including cover sheet, attachments, and document: 6

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

PATENT  
REEL: 9934 FRAME: 0799

# Assignment

Serial No. 09/190,331

Filed November 12, 1998

WHEREAS:

Timothy A. DeVol, residing at 8 Poplar Drive, Clemson, South Carolina 29631, a United States citizen, Jonathan M. Duffey, residing at 1873 Hastings Avenue, Downers Grove, Illinois 60516, a United States citizen, James T. Harvey, residing at 3152 Treesdale Ct., Naperville, Illinois 60564, a United States citizen, Joel M. Williamson, residing at 5S354 Stewart Drive, Naperville, Illinois 60563, a United States citizen, David D. Brown, residing at 111 Pine Run Ct., Glenwood, New York 14069, a United States citizen, and James E. Roane, residing at P.O. Box 584, Pendleton, South Carolina 29670, a United States citizen (hereinafter referred to as ASSIGNORS), have invented and own a certain invention entitled:

EXTRACTION-SCINTILLATION MEDIUM AND METHOD OF USE

for which application for Letters Patent of the United States is executed concurrently herewith, and

WHEREAS:

Clemson University, a body politic and corporate under the laws of the State of South Carolina, having a place of business at 300 Bracket Hall, Clemson University, Clemson, South Carolina 29634 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that in consideration of the payment by ASSIGNEE TO ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof and in and to all Letters Patent and all Convention and Treaty rights of all kinds, in all countries throughout the world for said invention for the full term or terms for which the same may be granted, and in accordance with an Agreement between Eichrom Industries, Inc., an Illinois corporation having a place of business at 8205 S. Cass Avenue, Suite 107, Darien, Illinois 60561 and Clemson University, dated December 11, 1998.

ASSIGNORS covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNORS and will testify as to the

same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said rights, said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, we have hereunto set our hand and seal this 26<sup>th</sup> day of MARCH, 1999.

Date 3/26/99

Timothy A. DeVol  
Timothy A. DeVol

STATE OF South Carolina )  
  )  
COUNTY OF Anderson )

I hereby certify that Timothy A. DeVol, before me personally appeared and acknowledged that the foregoing assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 26<sup>th</sup> day of MARCH, 1999.

(SEAL)

Dorothy M. Shirley  
Notary Public  
My Commission expires 11-16-08

Date 3/23/99

Jonathan M. Duffey  
Jonathan M. Duffey

STATE OF )  
                  )  
COUNTY OF )

I hereby certify that Jonathan M. Duffey, before me personally appeared and acknowledged that the foregoing assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 23rd day of March, 1999.

(SEAL)



Hafsa Rasheed  
Notary Public  
My Commission expires 8/31/02

Date 3/23/99

James T. Harvey  
James T. Harvey

STATE OF )  
                  )  
COUNTY OF )

I hereby certify that James T. Harvey, before me personally appeared and acknowledged that the foregoing assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 23rd day of March, 1999.

(SEAL)



Hafsa Rasheed  
Notary Public  
My Commission expires 8/31/02

Date 3/23/99

Joel M. Williamson  
Joel M. Williamson

STATE OF )  
                  )  
COUNTY OF )

I hereby certify that Joel M. Williamson, before me personally appeared and acknowledged that the foregoing assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 23rd day of March, 1999.

(SEAL) 

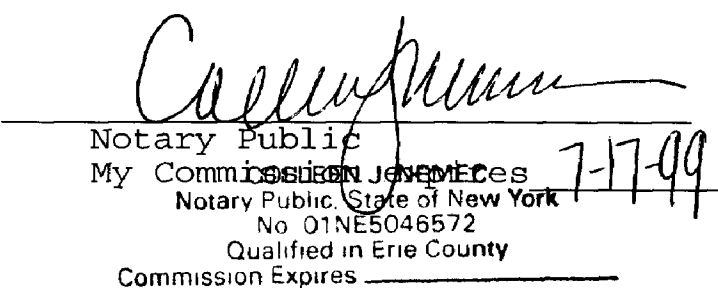
Hafsa Rasheed  
Notary Public  
My Commission expires 8/31/02

Date 3/29/99

David D. Brown  
David D. Brown

STATE OF New York )  
                  )  
COUNTY OF Erie )

I hereby certify that David D. Brown, before me personally appeared and acknowledged that the foregoing assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 29th day of March, 1999.

(SEAL) 

Date 26 MARCH 1999

James E. Roane  
James E. Roane

STATE OF South Carolina )  
  )  
COUNTY OF Anderson        )

I hereby certify that James E. Roane, before me personally appeared and acknowledged that the foregoing assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 26<sup>th</sup> day of MARCH, 1999.

(SEAL)

Mary G. Shurkey  
Notary Public  
My Commission expires 11-16-08