

01-24-2001

PATENTS ONLY

TO THE



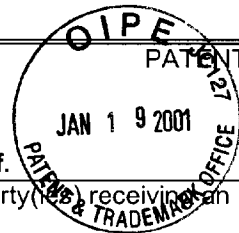
TENTS

PATENTS ONLY

1. 19-01

101591737

Please record the attached original document or copy thereof.



1. Name of Party(ies) conveying an interest:

James M. Anderson, Jr.
Raaidah Saari-Nordhaus
Carl W. Sims
Yuri E. Gerner

2. Name and Address of Party(ies) receiving an interest:

Name: Alltech Associates, Inc.
Internal Address:
Street Address: 2051 Waukegan Road
City: Deerfield
State/Zip: IL 60015

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

Additional name(s) and addresses attached?

☐ Yes ☒ No

3. Description of the interest conveyed:

☒ Assignment ☐ Change of Name Other:
☐ Security Agreement ☐ Merger

Execution Date: _____

4. Application number(s) or patent number(s). Additional sheet attached? ☐ Yes ☒ No

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

Date

A. Patent Application No.(s)
09/298,440

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, IL 60610
(312)321-4200

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00
☒ Enclosed
☐ Authorized to be charged to Deposit Account No. 23-1925
8. ☒ Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

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.

Ralph J. Gabric
Name of Person Signing

Signature

January 16, 2001
Date

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

Rev. Dec.-99

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PATENT
REEL: 011441 FRAME: 0472

ASSIGNMENT

WHEREAS, James M. Anderson, Jr., Raaidah Saari-Nordhaus, Carl W. Sims and Yuri E. Gerner, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled Electrochemically Regenerated Ion Neutralization and Concentration Devices and Systems, for a full description of which reference is here made to an application for Letters Patent of the United States filed on April 23, 1999, and assigned Application Serial No. 09/298,440;

WHEREAS, Alltech Associates, Inc., a corporation organized and existing under the laws of the State of Illinois, having a place of business at 2051 Waukegan Road, Deerfield, Illinois 60015, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in

vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED: JANUARY 4th, 2001 James M. Anderson, Jr.
James M. Anderson, Jr.

DATED: January 4th, 2001 Raaidah Saari-Nordhaus
Raaidah Saari-Nordhaus

DATED: January 11th, 2001 Carl W. Sims
Carl W. Sims

DATED: January 11th, 2001 Yuri E. Gerner
Yuri E. Gerner

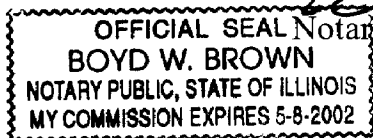
STATE OF)
COUNTY OF) ss.

I, Boyd W. Brown, A Notary Public in and for the County and State aforesaid, do hereby certify that James M. Anderson, Jr., personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/~~her~~ free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 4th day of Jan., 2001.

(SEAL)

My Commission Expires:



vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED: _____

James M. Anderson, Jr.

DATED: _____

Raaidah Saari-Nordhaus

DATED: _____

Carl W. Sims

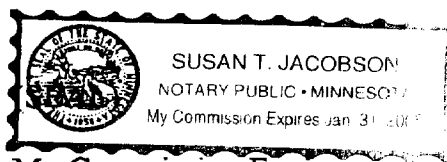
DATED: 01/12/2001

Yuri E. Gerner
Yuri E. Gerner

STATE OF Minnesota)
) ss.
COUNTY OF Washington)

I, ^{Susan Jacobson} A Notary Public in and for the County and State aforesaid, do hereby certify that James M. Anderson, Jr., personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 12th day of Jan, 2001 .



My Commission Expires:

Jan. 31, 2005

Susan Jacobson
Notary Public

STATE OF)

COUNTY OF)

ss.

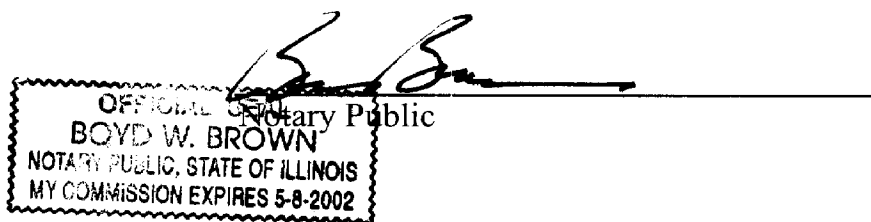
I, Boyd W. Brown

, A Notary Public in and for the County and State aforesaid, do hereby certify that Raaidah Saari-Nordhaus, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this
4th day of Jan, 2000 .

(SEAL)

My Commission Expires:



STATE OF Mn.)

COUNTY OF Ramsey)

ss.

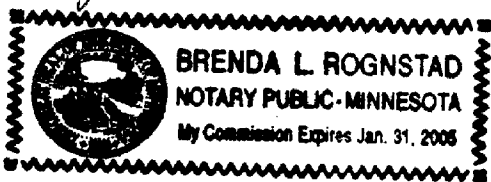
I, , A Notary Public in and for the County and State aforesaid, do hereby certify that Carl W. Sims, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this
11 day of Jan, 2000 .

(SEAL)

My Commission Expires:

Jan. 31, 2005

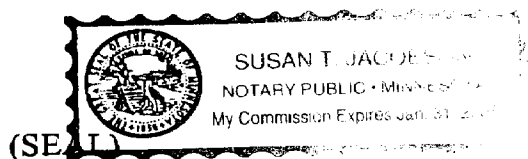


Brenda L Rognstad
Notary Public

STATE OF *Minnesota*)
) ss.
COUNTY OF *Washington*)

I, *Susan Jacobson*, A Notary Public in and for the County and State aforesaid, do hereby certify that Yuri E. Gerner, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this
12th day of *Jan*, 20*01*.



Susan Jacobson

Notary Public

My Commission Expires:

Jan. 31, 2005

REV. Dec.-99
CARJGS378-84-1 Assignment 1-03-01.doc