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OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

CTI Cyclotron Systems, Inc., a Tennessee corporation

1.25.02

2. Name and address of receiving party(ies)

Name: CTI, Inc.

Internal Address:

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Street Address: 810 Innovation Drive

City: Knoxville State: TN Zip: 37932

Execution Date:

Additional name(s) & address(es) attached? Yes No

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)

B. Patent No.(s) 5,345,477

Additional numbers attached? Yes No

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

Name: Robert E. Pitts, Esq.

Internal Address:

Street Address: Pitts & Brittan, P.C.

P.O. Box 51295

City: Knoxville State: TN Zip: 37950-1295

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

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9. Signature.

Robert E. Pitts, Esq.

Name of Person Signing

Robert E. Pitts
Signature

1/24/02
Date

Total number of pages including cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to:

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Washington, D.C. 20231

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PATENT
REEL: 012551 FRAME: 0991

ASSIGNMENT

CTI Cyclotron Systems, Inc., a Tennessee corporation, domiciled in the County of Knox, Tennessee, for good and valuable consideration, receipt of which is hereby acknowledged, has assigned and does hereby assign to CTI, Inc., a Tennessee corporation, domiciled in the County of Knox, Tennessee, its successors, assigns, and legal representatives the right, title and interest throughout the world in and to U.S. Patent No. 5,345,477, issued on September 6, 1994, entitled:

DEVICE AND PROCESS FOR THE PRODUCTION OF NITROGEN-13 AMMONIUM IONS USING A HIGH PRESSURE CONTAINING A DILUTE SOLUTION OF ETHANOL IN WATER

and in and to all patent and all convention and treaty rights of all kinds, in all countries throughout the world, for all such subject matter, and all damages, if any, for past infringement. I agree to sign all papers necessary to secure all said patent rights, and request issuance of all said patents to the above-identified assignee in accordance with this assignment.

Dated: 12/13/01

CTI Cyclotron Systems, Inc.

By: [Signature]
Name: Joseph Matteo
Title: Division Director, CCS

IN THE COUNTY OF Knox)
STATE OR Tennessee) ss.:

I hereby certify that before me personally appeared Joseph Matteo, Division Director of CTI Cyclotron Systems, Inc., having full authority to act on behalf of CTI Cyclotron Systems, Inc. in the disposition of the intellectual property herein described, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing instrument was duly signed, sealed and delivered by him on the date appearing at the foot thereof, all of which took place within my jurisdiction.

This 13th day of December, 2001.

[Signature]
NOTARY PUBLIC

My Commission Expires: November 30, 2004