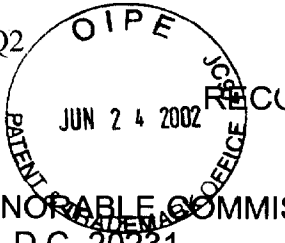


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PATENTS ONLY

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TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS  
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Please record the attached original documents or copies thereof.

1. Name of conveying party(ies): **Stephen J. Fonash, Ali Kaan Kalkan, Joseph Cuiffi, Daniel J. Hayes**
2. Name and address of receiving party(ies):  
**The Penn State Research Foundation**  
**304 Old Main**  
**University Park, Pennsylvania 16802**
3. Nature of conveyance:  
XXXXX Assignment \_\_\_\_\_ Merger  
\_\_\_\_\_ Security Agreement \_\_\_\_\_ Change of Name  
\_\_\_\_\_ Other: \_\_\_\_\_
- Execution Date: **May 31, 2002**
4. Application number(s) or application date(s):  
If this document is being filed together with a new application, the execution date of the application is:  
A. Application No. B. Filing Date  
**10/144,456** **May 13, 2002**
5. Name and address of party to whom correspondence concerning this document should be mailed:  
**Paul D. Greeley, Esq.**  
**Ohlandt, Greeley, Ruggiero & Perle, L.L.P.**  
**One Landmark Square, 10th Floor**  
**Stamford, Connecticut 06901-2682 U.S.A.**
6. Total No. of applications and patents involved: 1.
7. Total Fee (37 C.F.R. 3.41(h)) \$40.00/assignment.  
X Enclosed  
\_\_\_\_\_ Authorized to be charged to deposit account.

The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 3.41 that may be required with this communication or credit any overpayment, to Deposit Account No. 01-0467. A duplicate copy of this Form is enclosed.  
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.

Paul D. Greeley

Name of Person Signing

Paul D. Greeley  
Signature

June 17, 2002

Date

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

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PATENT  
REEL: 013032 FRAME: 0951

## ASSIGNMENT

FOR valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Stephen J. Fonash**, a citizen of the **United States of America**, and a resident of **State College, Pennsylvania, U.S.A.** I, **Ali Kaan Kalkan**, a citizen of **Turkey** and a resident of **State College, Pennsylvania, U.S.A.**, I, **Joseph Cuiffi**, a citizen of the **United States of America**, and a resident of **State College, Pennsylvania, U.S.A.**, and I, **Daniel J. Hayes**, a citizen of the **United States of America**, and a resident of **State College, Pennsylvania, U.S.A.**, have invented certain new and useful improvements in

### **MATRIX-FREE DESORPTION IONIZATION MASS SPECTROMETRY USING TAILORED MORPHOLOGY LAYER DEVICES**

hereby assigns to **The Penn State Research Foundation**, a **Not for Profit** organization, having its principal office **304 Old Main, University Park, Pennsylvania 16802** (hereinafter referred to as "Assignee"), of the entire right, title and interest in and to such invention, together with the patent rights and rights of protection to the same throughout the world, including the rights to claim priority, and including any patent rights which may result from the application for United States Letters Patent which was filed in the United States Patent and Trademark Office on **May 13, 2002**, and assigned U.S. Application Serial No. **10/144,456**, and any continuation, divisions, continuation-in-part applications, inventor's certificate and extensions thereof, preparatory to obtaining Letters Patent of the United States therefor; said invention, application and Letters Patent to be held and enjoyed by said Assignee for their own use and behoof and for the use and behoof of their successors and assigns, to the full end of the term for which said Letters Patent or other rights of protection may be granted as entirely as the same would have been held and enjoyed by us had the assignment not been made.

AND WE COVENANT and AGREE and WARRANT that we have a full and unencumbered title to the invention hereby assigned, and we further covenant and agree that we have the right to grant such rights to said invention and application and Letters Patent and that we will, at any time upon request without cost to us or further compensation, execute and deliver any and all papers or instruments that, in the opinion of the Assignee, may be necessary or desirable to secure said Assignee the full enjoyment of the rights and properties herein conveyed or intended to be conveyed by this instrument.

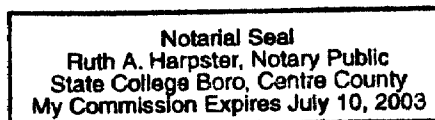
IN WITNESS WHEREFORE, we have hereunto set our hands and seal:

Date: May 31, 2002 Stephen J. Fonash  
By: **Stephen J. Fonash**

STATE OF Pennsylvania )  
 ) SS  
COUNTY OF Centre )

Sworn to before me this 31st day of May, 2002.

Ruth A. Harpster  
Notary Public

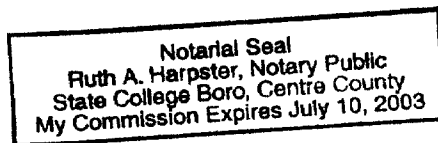


Date: May 31, 2002 Ali Kaan Kalkan  
By: **Ali Kaan Kalkan**

STATE OF Pennsylvania )  
 ) SS  
COUNTY OF Centre )

Sworn to before me this 31st day of May, 2002.

Ruth A. Harpster  
Notary Public



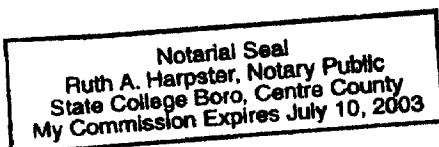
Date: 31 May, 2002

By: Joseph Cuiffi

STATE OF Pennsylvania )  
COUNTY OF Centre ) SS

Sworn to before me this 31st day of May, 2002.

Ruth A. Harpster  
Notary Public



Date: 31 May, 2002 Daniel J. Hayes  
By: **Daniel J. Hayes**

STATE OF Pennsylvania )  
COUNTY OF Centre ) SS

Sworn to before me this 31st day of May, 2002.

Ruth A. Harpster  
Notary Public

