

09-19-2001



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New 09/13/01

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**Conveyance Type**

Assignment  Security Agreement

License  Change of Name

Merger  Other

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Month Day Year

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**Application Number(s) or Patent Number(s)**

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. 

Month	Day	Year
<input type="text"/>	<input type="text"/>	<input type="text"/>

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved. #

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:  
Deposit Account

Enclosed  Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

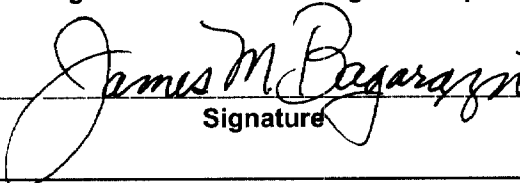
Authorization to charge additional fees: Yes  No

**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. Charges to deposit account are authorized, as indicated herein.*

James M. Bagarazzi

Name of Person Signing



Signature

Sept. 11, 2001

Date

INVENTOR'S ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, I, R. KENNETH MARCUS, a citizen of the United States, residing at 103 Kiawah Court, Clemson, South Carolina 29631, as ASSIGNOR, have invented the inventive subject matter described in a United States Patent Application entitled SAMPLING AND ANALYSIS OF AIRBORNE PARTICULATE MATTER BY GLOW DISCHARGE ATOMIC EMISSION AND MASS SPECTROMETRIES, for which a utility patent application bearing U.S. Serial No. 09/934,273 was filed August 21, 2001; and

WHEREAS, CLEMSON UNIVERSITY, a body politic and corporate organized under the laws of the State of South Carolina, whose post office address is Clemson University, Clemson, South Carolina 29634, as ASSIGNEE, is desirous of securing my entire right, title, and interest in and to this inventive subject matter in all countries throughout the world, and in and to the application for United States Letters Patent on this inventive subject matter and the Letters Patent to be issued upon this application and any divisionals and continuations thereof;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration, the receipt of which from ASSIGNEE is hereby acknowledged, I, as ASSIGNOR, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the ASSIGNEE, its lawful successors and assigns, my entire right, title, and

interest in and to this inventive subject matter and this patent application, and all divisions and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this inventive subject matter in any foreign country and all Letters Patent which may be granted on this inventive subject matter in any foreign country, and all extensions, renewals, and reissues thereof, and I hereby authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this inventive subject matter to ASSIGNEE, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not made and will not make any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with ASSIGNEE, its successors and assigns, any facts known to me respecting this inventive subject matter, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of this inventive subject matter in said ASSIGNEE, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and declarations and generally do everything possible to aid ASSIGNEE, its successors and assigns, to

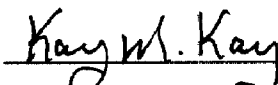
obtain and enforce proper patent protection for this inventive subject matter in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the ASSIGNEE, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 6<sup>th</sup> day of September, 2001.

  
R. KENNETH MARCUS

STATE OF SOUTH CAROLINA )  
COUNTY OF PICKENS )

Personally appeared before me, R. KENNETH MARCUS, to me known and known to me to be the person described and who executed the foregoing instrument and acknowledged the same to be his act and deed in and for the purposes set forth in said instrument this 5<sup>th</sup> day of September, 2001.

  
Notary Public for S.C.

My Commission Expires: **My Commission Expires  
November 12, 2007**