

Attorney Docket No. 3496.01US02

FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE  
1/31/92 Patent and Trademark OfficeRECORDATION FORM COVER SHEET  
PATENTS ONLYTo the Honorable Commissioner of Patents and Trademarks,  
Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

JOHNA LEDDY  
LUKE M. HAVERIALSAdditional name(s) of conveying party(ies)  
attached? ☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

THE UNIVERSITY OF IOWA  
RESEARCH FOUNDATION  
214 TIC, 100 OAKDALE CAMPUS  
IOWA CITY, IOWA 52242Additional name(s) & address(es)  
attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Other: \_\_\_\_\_Execution Date(s): May 5, 2005 May 5, 2005

## 4. Application number(s) or patent number(s):

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

A. Patent Application No(s).  
11/090,318

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:Customer No. 24113  
Peter S. Dardi, Ph.D.  
Patterson, Thunert, Skaar & Christensen, P.A.  
4800 IDS Center  
80 South 8th Street  
Minneapolis, Minnesota 55402-21006. Total number of applications and  
patents involved:

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

☐ Enclosed  
☒ Authorized to be charged to deposit  
account8. Deposit Account Number: 16-0631  
(Attach duplicate copy of this page if  
paying by deposit account)

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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.*Peter S. Dardi  
Name of Person Signing  
SignatureMay 13, 2005  
Date

Total number of pages comprising cover sheet: 1

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PATENT  
REEL: 016218 FRAME: 0395

CH \$40.00 160631 11090318

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ASSIGNMENT

WHEREAS, we, Johna Leddy of Iowa City, Iowa and Luke M. Haverhals of Coralville, Iowa, have invented certain new and useful improvements in MULTICOMPONENT ANALYSIS OF HUMAN BREATH USING FUEL CELLS AS SENSORS, for which an application for Letters Patent of the United States is being made, and which may be identified in the United States Patent Office by Application No. 11/090,318, filed March 25, 2005.

WHEREAS, The University of Iowa Research Foundation ("Assignee"), a business entity organized and existing under the laws of the State of Iowa, and having its principal offices at 214 TIC, 100 Oakdale Campus, Iowa City, Iowa 52242, is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration to us in hand paid by said Assignee, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors and assigns, our entire right, title and interest in and to said invention, said provisional/utility application, all applications claiming priority to said provisional/utility application including all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of our rights under the International Convention, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.

We hereby authorize the above mentioned Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the date of execution and/or filing date and application number of said application when ascertained.

We further authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

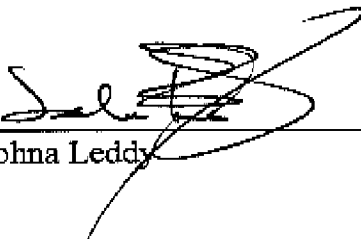
Upon said consideration we do hereby covenant and agree with the said Assignee, its successors and assigns, that we will not execute in writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of

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such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seal as dated below.

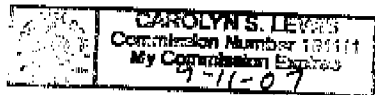
Date: 5 May 2005

  
Johna Leddy

Subscribed and sworn to before me  
this 5<sup>th</sup> day of May, 2005.

Carolyn S. Lewis  
Notary Public

[Notary Seal]

Date: 05/05/05

  
Luke M. Haverhals

Subscribed and sworn to before me  
this 5<sup>th</sup> day of May, 2005.

Carolyn S. Lewis  
Notary Public

[Notary Seal]

