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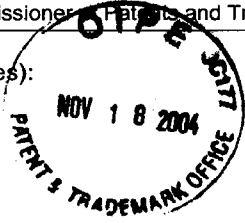
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To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies): Edward L. MERTZ James V. SULLIVAN



2. Name and address of receiving party(ies) Name: The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services

Additional name of conveying party(ies) attached? [ ] Yes [X] No

Street Address: 6011 Executive Boulevard Suite 325

3. Nature of conveyance: [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other

City: Rockville State/Country: Maryland

Zip: 20852

Execution Date: November 12, 2004, respectively

Additional Name(s) & address(es) attached? [ ] Yes [X] 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 by the first named inventor is:

A. Patent Application No.(s) 10/926,405

B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

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

45323

PATENT TRADEMARK OFFICE

Name: VENABLE

Address: P.O. Box 34385

City: Washington State: D.C. Zip: 20043-9998

6. Total number of applications and patents involved: 1

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

[ ] Enclosed [X] Authorized to be charged to deposit account

8. Deposit account number:

22-0261

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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.

Michael A. Gollin, Reg. No. 31,957 Name of Person Signing

[Signature] Signature

11/18/2004 Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Alexandria, VA 22313-1450

VENABLE ATTORNEYS AT LAW

PC Docs No. 597634

PATENT REEL: 016001 FRAME: 0565

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**WORLDWIDE ASSIGNMENT**

WHEREAS, Edward L. Mertz, residing at 4801 Connecticut Avenue, Apt. 318, Washington, D.C., a citizen of the Russian Federation, and James V. Sullivan, residing at 12200 Rolling Hill Lane, Bowie, Maryland, a citizen of the United States of America, hereinafter referred to as the Assignor, have made an invention entitled

FLOW-THROUGH, THERMAL-EXPANSION-COMPENSATED CELL FOR LIGHT SPECTROSCOPY for which a U.S. Provisional Patent Application, Serial Number 10/926,405 was filed on August 26, 2004, and

WHEREAS, Assignor is an applicant named in the above-identified Provisional Patent Application; and

WHEREAS, the conditions under which said invention was made are such as to entitle The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services (hereinafter THE GOVERNMENT) under Paragraph 1(a) of Executive Order 10096 to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, THE GOVERNMENT is desirous of acquiring the entire domestic and foreign right, title, and interest in the above-mentioned invention described in the Provisional Patent Application,

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby assigns and transfers to THE GOVERNMENT, as represented by the Secretary, Department of Health and Human Services, Assignor's entire right in and to said invention in the United States of America and within each and every foreign country in which THE GOVERNMENT elects to file and the entire right, title, and interest in and to such applications, and any continuations, continuations-in-part, divisions, reissues or extensions thereof, and including priority rights as may be filed in the United States of America and foreign countries, and such Letters Patent as may be granted to be held by THE GOVERNMENT to the end of the term for which the same would have been held by the inventors had this assignment not been made.

Assignor further agrees to make, execute, and deliver to the Secretary, Department of Health and Human Services, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist THE GOVERNMENT in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by THE GOVERNMENT.

IN WITNESS WHEREOF, I subscribe hand and seal on the date shown below

Signature: Mertz  
Edward L. Mertz

Date 11/12/04

County of Montgomery  
State of Maryland

Soc. Sec. No.: 216-SI-976 7

Subscribed and sworn to before me this 12<sup>th</sup> day of November, 2004.

Ingrid Gillian Harris  
Notary Public

INGRID G. HARRIS  
NOTARY PUBLIC STATE OF MARYLAND  
My Commission Expires August 21, 2007

Signature: *J. V. Sullivan*  
James V. Sullivan

Date 11/12/04

County of Montgomery  
State of Maryland

Soc. Sec. No.: 579-54-0335

Subscribed and sworn to before me this 12<sup>th</sup> day of November, 2004.

*Ingrid Gillian Harris*  
Notary Public

INGRID G. HARRIS  
NOTARY PUBLIC STATE OF MARYLAND  
My Commission Expires August 21, 2007