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OVER SHEET  
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9.25.03

Attorney Docket Number  
011408-0003-999

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FINANCE SECTION

1. Name of conveying party(ies):

Johns Hopkins University

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

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

Name: F. Nicholas Franano

Address: 1010 West 69th Terrace  
Kansas City, Missouri 64113

Country (if other than USA):

3. Nature of conveyance:

Assignment Merger  
 Security Agreement Change of Name  
 Other

Execution Date: August 25, 2003

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) 09/669,051

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

PENNIE & EDMONDS LLP  
1155 Avenue of the Americas  
New York, New York 10036-2711

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00  
Please charge to the deposit account listed in Section 8.

8. Deposit account number:  
16-1150

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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.*

Stephen S. Rabinowitz  
Name of Person Signing

40,286  
Reg. No.

Signature

September 25, 2003  
Date

Total number of pages including cover sheet: 2

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PATENT  
REEL: 014526 FRAME: 0602

ASSIGNMENT

WHEREAS, Johns Hopkins University, located at 3400 N. Charles Street, Baltimore, Maryland 21218 (hereinafter referred to as "ASSIGNOR") is the owner of record of the invention described in an application for a Patent of the United States

- which is executed on even date herewith or
which was filed on September 24, 2000, Application No. 09/669,051

by virtue of an assignment dated April 16, 2000 and recorded in the United States Patent and Trademark Office at Reel 011710, Frame 0078, and WHEREAS, F. Nicholas Franano, an individual residing at 1010 W. 69th Terrace, Kansas City, Missouri 64113 (hereinafter referred to as "ASSIGNEE") is desirous of owning the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged (including an Agreement effective February 4, 2002), the said ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the ASSIGNOR's entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be pending or hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND THE SAID ASSIGNOR DOES HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND THE SAID ASSIGNOR DOES HEREBY covenant and agree that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict herewith.

AND THE SAID ASSIGNOR DOES HEREBY further covenant and agree that it will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to it respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 25 day of August, 2003

[Signature] L.S.

State of Maryland )
County of Baltimore ) SS.:

On August 25, 2003, before me, Alan L. Mullenax, Notary Public, personally appeared R. Keith Baker, personally known to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal [Signature]

2/2006