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To the Director of the U.S. Patent and

documents or the new address(es) below.

1. Name of conveying party(ies)

Eugene B. Hanlon
Frank A. Greco

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

2. Name and address of receiving party(ies)

Name: The United States of America as represented by

Internal Address: the Department of Veterans Affairs

Street Address: 810 Vermont Avenue N.W.

City: Washington

State: D.C.

Country: USA Zip 20420

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) October 20, 2009; October 20, 2009

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

12/462,886

Additional numbers attached? Yes No

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

Name: Sarah B. Adriano

Internal Address: Mandel & Adriano

Street Address: 572 East Green Street, Suite 203

City: Pasadena

State: CA Zip 91101

Phone Number: (626) 395-7801

Fax Number: (626) 395-0694

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 50-0306

Authorized User Name Sarah B. Adriano

11/23/2009 DRYRNE 00000020 500306 12462886

9. Signature:

Sarah B. Adriano

Signature

01 FC:8021

40.00 DA
November 16, 2009

Date

Sarah B. Adriano

Name of Person Signing

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

6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

VA ID 07-150

For good and valuable consideration, the receipt of which is hereby acknowledge,
ASSIGNOR (S),

- 1. Eugene B. Hanlon
- 2. Frank A. Greco

hereby sell, assign and transfer to ASSIGNEES, The United States of America as represented by the Department of Veterans Affairs, (024), having its statewide administrative office located at 810 Vermont Avenue N.W., Washington D.C., 20420 and the successors, assigns and legal representatives of the ASSIGNEES all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

SPECTROSCOPIC DETECTION OF BRAIN DAMAGE

and which is found in

- (a) _____ U.S. patent application executed _____, entitled as above and listing the above-named persons as inventors
- (b) X U.S. application serial no. 12/462,886, filed on August 10, 2009
- (c) _____ U.S. Patent No.: _____, issued _____

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters patent and all rights under all International Conventions for the Protection of Industrial Property:

ASSIGNOR (S) hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with his assignment;

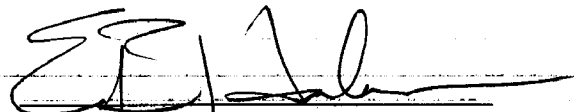
ASSIGNOR (S) further covenants that ASSIGNEES will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEES or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

And the ASSIGNOR (S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEES, The United States of America as represented by the Department of Veterans Affairs.

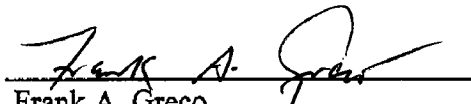
executed this

Signature of Inventor (s)

20 day of OCTOBER, 2009


Eugene B. Harlon

20 day of OCTOBER, 2009


Frank A. Greco

PATENT

RECORDED: 11/20/2009

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