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7/15/05

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

FINANCE SECTION

1. Name of conveying party(ies):

Anthony J. Varrichio (07/01/2005) and Benjamin A. Tranchina (07/01/2005)

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

2. Name and address of receiving party(ies)

Name: Advanced Neuromodulation Systems, Inc.

Internal Address: _____

Street Address: _____

6901 Preston Road

City: Plano

State: Texas

Country: United States of America Zip: 75024

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

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

Execution Date(s): in parentheses after inventor name

Assignment Merger Change of Name

Security Agreement Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

11/105,191

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: R. Ross Viguet
FULBRIGHT & JAWORSKI L.L.P.

Internal Address: Atty. Dkt.: 03-034

Street Address: 2200 Ross Avenue, Suite 2800

City: Dallas

State: TX Zip: 75201-2784

Phone Number: (214) 855-8185

Fax Number: (214) 885-8200

Email Address: rviguet@fulbright.com

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 by credit card

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____
Authorized User Name _____

9. Signature:

Signature

July 12, 2005

Date

R. Ross Viguet - 42,203

Name of Person Signing

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

6

Recordation Form Cover Sheet

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July 12, 2005

Signature: Lisa de Cordova (Lisa deCordova)

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PATENT
REEL: 016774 FRAME: 0455

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Anthony J. Varrichio and Benjamin A. Tranchina (hereinafter referred to as Assignors), residing at 5600 Tanner Trail, Plano, Texas 75093; and 323 Parkhurst Lane, Allen, Texas 75013, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in **SYSTEMS AND METHODS FOR PRECHARGING CIRCUITRY FOR PULSE GENERATION**, set forth in a Patent application for Letters Patent of the United States, already filed on April 12, 2005 as U.S. application No. 11/105,191; and

WHEREAS, Advanced Neuromodulation Systems, Inc., a Corporation organized under and pursuant to the laws of Texas having its principal place of business at 6901 Preston Road, Plano, Texas 75024 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

All practitioners at Customer Number 000037372

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date:

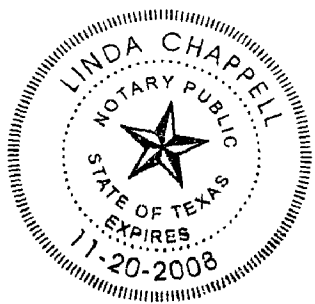
7/1/05

Anthony J. Varrichio
Anthony J. Varrichio

United States of America)
State of Texas) ss.:
County of Collin)

On this 1st day of July, 2005, before me personally came Anthony J. Varrichio, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Linda Chappell
Notary Public



Date: 2-1-05

Benjamin A. Tranchina
Benjamin A. Tranchina

United States of America)
State of Texas) ss.:
County of Collin)

On this 1st day of July, 2005, before me personally came Benjamin A. Tranchina, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Linda Chappell
Notary Public

