

08-28-2000

FORM PTO-1596
1-31-92

DOCKET NO.: 112910.3302

101443526

PATENT IS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of conveying party(ies):

MURPHY, John J.
D'ORLANDO, Kay JorgensonAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: July 22, 1999 and July 29, 1999

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

Name: Interneuron Pharmaceuticals, Inc.

Internal Address: _____

Street Address: 99 Hayden Avenue, Suite 200City: Lexington State/Country: MA ZIP: 02421Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

09/628803

If the document is being filed together with a new application, the execution date of the application is: July 28, 2000

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

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

Name: PEPPER HAMILTON LLP

Internal Address: _____

Street Address: 600 Fourteenth Street, N.W.City: Washington State: DC ZIP: 20005-20046. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$40.00 E☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0436

DO NOT USE THIS SPACE

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.*Gilberto M. Villacorta, Ph.D., Registration No. 34,038
Name and Registration No. of Person Signing

Signature
July 28, 2000
DateTotal number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

DC: #156626 v1 (3C%Q011.WPD)

08/28/2000 MTHA11 00000175 500436 09628803
01 FC:581 40.00 CH

PATENT
REEL: 011016 FRAME: 0895

ASSIGNMENT

WHEREAS WE, of , respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled, METHODS AND COMPOSITIONS FOR ALLEVIATING STUTTERING executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on , and identified by United States Serial No. ;

AND WHEREAS, Interneuron Pharmaceuticals, Inc. , a corporation of the State of Massachusetts and having an address of 99 Hayden Avenue, Suite 200, Lexington, MA 02421 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Interneuron Pharmaceuticals, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee 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, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

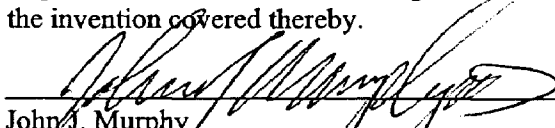
AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said , its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

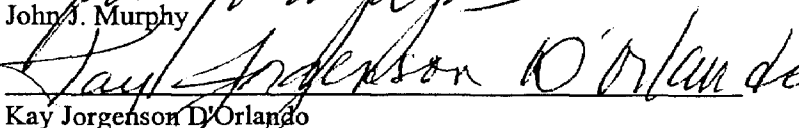
Date

Date

Date

Date


John J. Murphy


Kay Jorgenson D'Orlando

STATE OF California)
) SS:
COUNTY OF Los Angeles)

On this 29th day of July, 1999, before me personally appeared John J. Murphy, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



[Signature]
Notary Public
My commission expires 03/20/00

STATE OF Massachusetts)
) SS:
COUNTY OF Middlesex)



On this 27th day of July, 1999, before me personally appeared Kay Jorgenson D'Orlando, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

[Signature]
Notary Public
My commission expires January 10, 2003

DC: #111671 v1 (2#5Z011.WPD)