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1. Name of conveying party(ies)

Gavril W. Pasternak and Ying-Xian Pan

Additional name(s) of conveying party(ies) attached?

☐ Yes ☐ No

3. Nature of conveyance:

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

Execution Date: 8/15/02, 8/13/02, respectively

2. Name and address of receiving party(ies)

Name: Memorial Sloan Kettering Cancer Center

Internal Address:

Street Address: 1275 York Avenue

City: New York State: NY Zip: 10021

Additional name(s) & address(es) attached? ☐ Yes ☒ 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 is:

A. Patent Application No. 10/185,083 B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: William F. Lawrence, Esq.
Amy Leahy, Ph.D.
Internal Address: Frommer Lawrence & Haug LLP
Street Address: 745 Fifth Avenue
City: New York State: NY Zip: 10151

6. Total number of applications and patents involved 1

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

- ☒ Enclosed
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October 24, 2002

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PATENT
REEL: 013445 FRAME: 0582



INVENTION/PATENT APPLICATION ASSIGNMENT
FROM INVENTOR(S) TO COMPANY

WHEREAS I/WE **Gavril W. PASTERNAK**, residing at 505 E. 83rd St., Apt. 21M, New York, NY 10028 and **Ying-Xian PAN**, residing at 303 East 63rd Street, Apt. 11B, New York, NY 10022, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled: ***IDENTIFICATION AND CHARACTERIZATION OF MULTIPLE SPLICE VARIANTS OF THE MU OPIOID RECEPTOR GENE***, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

and

claims priority to U.S. Provisional Application No. 60/302,072, filed June 29, 2001;

AND WHEREAS, **Memorial Sloan-Kettering Cancer Center**, a nonprofit New York corporation and having an address of **1275 York Avenue, New York, New York 10021**, hereinafter referred to as assignee, 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 that 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 said assignee, 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 that 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 causes of 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 that may be issued for said invention to said assignee, 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.

8/15/02

Date
8/13/02

Date

Signature

Signature