04-15-1999



US. DEPARTMENT OF COMMERCE

| (Rev. 8-96) | 1 1=010 NUT) | Patent and Trademark Of |
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| To the Honorable Commissioner of Patents and 1. | 101010731 | Patent and Trademark Of documents or copy thereof. |
| 1 Name of conveying party(ies): | Name and address of re | |
| James A. Bonini and Beth E. | | _ |
| Borowsky | Name: Synaptic Phar | rmaceutical Corporation |
| • | Internal Address: | 808 808 |
| Additional name(s) of conveying party(ies) attached? | | |
| Yes 🗓 No | Street Address 215 Co | ollege Road |
| 3. Nature of Conveyance: | | 000 |
| · | Description of the second | N== 1 07(50 1/21 |
| X Assignment | | , New Jersey 07652-1431 |
| Security Agreement Change of | | |
| Other | | |
| Execution Date(s): April 2, 1999 | Additional name(s) & addres | ss(es) attached? Yes X No |
| . Application number(s) or patent number(s): If this do | ocument is being filed together with a new | w application, the execution date(s) of t |
| application is(are): April 2, 1999 | 1 | |
| A. Patent Application No.(s) | B. Patent No.(s) | |
| A. Patent Application No.(s) | | |
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| Additional n | umbers attached? Yes X No | |
| 5. Name and address of party to whom correspondence | | inne and nativete involved. |
| concerning document should be mailed: | o. Total number of applicati | tons and patents involved: |
| Name: John P. White | | |
| nternal Address: <u>Cooper & Dunham LLP</u> | | \$ 4 <u>0.00</u> |
| | England | |
| Street Address: 1185 Avenue of the Ame | ricas | |
| | X Authorized to b | e charged to deposit account |
| City/State/Zip: New York, New York 10 | 036 | |
| <u></u> | Deposit account number | : |
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| . Statement and signature | | |
| To the best of my knowledge and belief, the fore | egoing information is true and correct and | d any attached copy is a true copy of the |
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| John P. White | Simulation of the same | April 6, 1999 |
| Name of Person Signing Reg. No. 28,678 | Signature | Date |
| | Total Number of pages inclu | iding cover sheet, attachments and |
| | document: 3 | _ |
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PATENT REEL: 9878 FRAME: 0508

Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we , the undersigned,

James A. Bonini and Beth E. Borowsky residing at 80 Manito Avenue, Oakland, New Jersey 07436, U.S.A.; and 218 Park Street, Montclair, New Jersey 07042, U.S.A. respectively.

Hereby sell, assign and transfer to Synaptic Pharmaceutical Corporation a corporation of the State of Delaware having a place of business at 215 College Road, Paramus in the County of Bergen and State of New Jersey 07652,0.5. A. its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned on April 2, 1999 and is entitled

DNA ENCODING ORPHAN SNORF1 RECEPTOR

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

PATENT REEL: 9878 FRAME: 0509

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

| | James a Bon 1L.S.) |
|---------------------------------------|-----------------------|
| Date: April 2nd | 1999 James A. Bonini |
| Witness: May CDY/4 > | |
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| , | Sed & Browsh 12.5.1 |
| Date: april 2nd | 1994 Beth E. Borowsky |
| Date: april 2nd Witness: Mary C DY/42 | |
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RECORDED: 04/06/1999

PATENT REEL: 9878 FRAME: 0510