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08-24-2001



Docket No. 49034-A-PCT-US/JPW/LBJ

FORM PTO-1595 (Substitute)  
(Rev. 8-96)

101823458

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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1 Name of conveying party(ies):  
  
Scott L. Schissel  
  
Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and address of receiving party(ies):  
  
The Trustees of Columbia University  
Name: in the City of New York  
  
Internal Address: \_\_\_\_\_  
  
Street Address: West 116th Street and Broadway  
  
\_\_\_\_\_  
  
City/State/Zip: New York, New York 10027  
  
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Execution Date(s): June 5, 2000

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date(s) of the application is(are):  
  
A. Patent Application No.(s) 09/518,805  
Filed: March 3, 2000

B. Patent No.(s) \_\_\_\_\_  
  
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Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
  
Name: John P. White  
  
Internal Address: Cooper & Dunham LLP  
  
Street Address: 1185 Avenue of the Americas  
  
\_\_\_\_\_  
  
City/State/Zip: New York, New York 10036  
  
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6. Total number of applications and patents involved: \_\_\_\_\_  
  
7. Total fee (37 CFR §3.41): ..... \$ 40.00  
  
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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.  
  
John P. White  August 15, 2001  
Name of Person Signing Signature Date

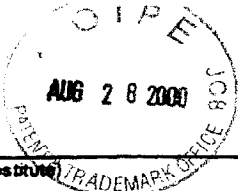
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PATENT  
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11 No. 49034-A-PCT-US/JPW/JML

FORM PTO-1595 (Substrum) TRADEMARK OFFICE 805 (Rev. 8-96) RECC

101486233

DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
  
Scott L. Schissel  
  
Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and address of receiving party(ies):  
The Trustees of Columbia University  
Name: In The City of New York  
Internal Address: \_\_\_\_\_  
Street Address: West 116th Street and Broadway

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date(s): June 5, 2000

City/State/Zip: New York, New York 10027  
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(s) of the application is(are):  
A. Patent Application No.(s) 09/578,805  
Filed: March 3, 2000

B. Patent No.(s) \_\_\_\_\_  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: John P. White, Esq.  
Internal Address: \_\_\_\_\_  
Street Address: Cooper & Dunham LLP  
1185 Avenue of the Americas  
City/State/Zip: New York, New York 10036

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR §3.41): ..... \$ 40.00  
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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.  
Jane M. Love Reg. No. 42,812 Jane M. Love 8/22/00  
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# Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned, Ira Tabas, residing at 13 Jodi Lane, New City, New York 10956, U.S.A.; and Scott L. Schissel, residing at 23 Brookfield Road, Westwood, Massachusetts 02090, U.S.A.

Hereby sell, assign and transfer to **The Trustees of Columbia University in the City of New York** a corporation of the State of New York having a place of business at West 116th Street and Broadway in the County of New York and State of New York

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 June 5, 2000 and is entitled

**METHOD FOR TREATING A SUBJECT SUFFERING FROM CONDITIONS ASSOCIATED WITH AN EXTRACELLULAR ZINC SPHINGOMYELINASE**

(US Serial No. 09/578,805, filed March 3, 2000, a continuation of PCT International Application No. PCT/US98/18362, filed September 4, 1998, which is a continuation-in-part of U.S. Serial No. 08/937,234, filed September 5, 1997.)

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;

Applicants: Ira Tabas, Scott L. Schissel, and Kevin Jon Williams  
U.S. Serial No. 09/578,805  
Filed: March 3, 2000

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.

Date: \_\_\_\_\_ 20 \_\_\_\_\_ [L.S.]  
Ira Tabas

Witness: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date: July 5<sup>th</sup> 2000 [Signature] [L.S.]  
Scott L. Schissel

Witness: [Signature]  
Christina M. Schissel  
23 Brookfield Road  
Westwood MA 02090 06/05/00