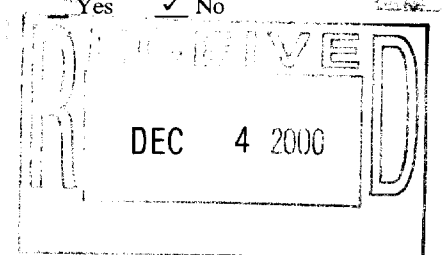




Commissioner of Patent

101568054

Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>Mark J. Macielag 12-4-00          Zihua Sui          Boyu Zhao          Shawn Walsh</p> <p>Additional name(s) of conveying party(ies) attached?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Ortho-McNeil Pharmaceutical, Inc.</p> <p>Street Address:          U.S. Route 202</p> <p>City: Raritan          State: NJ Zip: 08869-0602</p> <p>Additional name(s) &amp; address(es) attached?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other _____</p> <p>Execution Date: October 29, 31 and November 3, 2000</p>	
<p>4. Application number(s) or patent number(s): 09/592,530</p> <p>If this document is being filed together with a new application, the execution date of the application is:</p> <p>A. Patent Application No.(s) _____ B. Patent No.(s) _____</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Philip S. Johnson, Esq.          Chief Patent Counsel          Johnson &amp; Johnson          One Johnson &amp; Johnson Plaza          New Brunswick, NJ 08933-7003</p>	<p>6. Total number of applications &amp; patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) ..... \$<u>40.00</u></p> <p><input checked="" type="checkbox"/> Authorized to be charged to Deposit Account</p> <p>8. Deposit Account Number: 10-0750/ORT1262/AJM</p>
<p>9. Statement and signature</p> <p><i>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.</i></p> <p>Alan J. Morrison _____ November 29, 2000</p> <p>Name of Person Signing Signature Date</p> <p>Total number of pages including cover sheet, attachments, and document: 5</p>	

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Mail documents to be recorded with required cover sheet information to:  
Box Assignments

A S S I G N M E N T

Serial No. 09/592,530  
Filed June 12, 2000

WHEREAS, Mark J. Macielag, Zhihua Sui, Shawn Walsh and Boyo Zhao residing at 8 Seneca Trail, Branchburg, NJ ~~08822~~<sup>MM</sup>, 11 Running Brook Circle, Flemington, NJ 08822, 3948 Pine Street, a0t. A1, Philadelphia, PA and 105 Weymouth Circle, Lansdale, PA 19446 respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

Neurotrophic Tetrahydroisoquinolines And  
Tetrahydrothienopyridines, and Related  
Compositions And Methods

for which they filed on the June 12, 2000 an application for Letters Patent of the United States bearing Serial No. 09/592,530; and

WHEREAS, Ortho-McNeil Pharmaceutical, Inc., a corporation of the State of Delaware, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:


NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

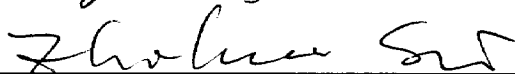
And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 3<sup>rd</sup> day of November 2000.

  
\_\_\_\_\_  
Mark J. Macielag (L.S.)

  
\_\_\_\_\_  
Zhihua Sui (L.S.)

STATE OF New Jersey)  
) ss.  
COUNTY OF Somerset

BE IT REMEMBERED, That on this 3<sup>rd</sup> day of November, 2000, before me, a Notary Public, personally appeared Mark J. Macielag and Zhihua Sui, who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

  
\_\_\_\_\_  
Notary Public

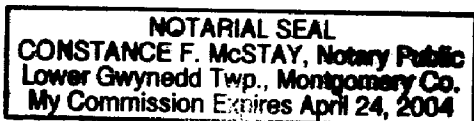
IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 31<sup>st</sup> day of October, 2000.

Boyu Zhao (L.S.)  
Boyu Zhao

STATE OF Pennsylvania  
COUNTY OF Montgomery) ss.

BE IT REMEMBERED, That on this 31 day of Oct, 2000, before me, a Notary Public, personally appeared Boyu Zhao, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to her the contents thereof, she did acknowledge that she signed, sealed, and delivered the same as her voluntary act and deed for the uses and purposes therein expressed.

Constance F. McStay  
Notary Public




IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 29<sup>th</sup> day of October, 2000.

Shawn Walsh (L.S.)  
Shawn Walsh

STATE OF Connecticut)  
COUNTY OF Fairfield) ss.

BE IT REMEMBERED, That on this 29<sup>th</sup> day of October, 2000, before me, a Notary Public, personally appeared Shawn Walsh, who I am satisfied is the person named in and who

executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

  
\_\_\_\_\_  
Notary Public

**WILLIAM J. MOYLAN**  
**NOTARY PUBLIC**  
MY COMMISSION EXPIRES FEB. 28, 2004