



A S S I G N M E N T

Serial No. 10/095,674  
Filed March 12, 2002

WHEREAS, Pranab Mishra, Sengen Sun, and William V. Murray, residing at 215 Main Street, Apt. 78, South Bound Brook, NJ 08880; 5185 Luigi Terrace #59, San Diego, CA 92122; and 447 Township Line Road, Belle Mead, NJ 08502; respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

METHODS FOR THE SYNTHESIS OF DENSELY FUNCTIONALIZED PYRROLIDINE INTERMEDIATES

for which they have executed an application for Letters Patent of the United States Patent and Trademark Office; 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, Assignor has hereunto set his hand and seal this                      day of May, 2002

\_\_\_\_\_  
Pranab Mishra (L.S.)

STATE OF            ) )  
                          ) ss.  
COUNTY OF        ) )

BE IT REMEMBERED, That on this                      day of May, 2002, before me, a Notary Public, personally appeared Pranab Mishra, 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

IN TESTIMONY WHEREOF, Assignor has hereunto set his  
hand and seal this            day of May, 2002

\_\_\_\_\_ (L.S.)  
Sengen Sun


STATE OF            )  
                          ) ss.  
COUNTY OF        )

BE IT REMEMBERED, That on this            day of May,  
2002, before me, a Notary Public, personally appeared Sengen  
Sun, 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

IN TESTIMONY WHEREOF, Assignor has hereunto set his  
hand and seal this 10<sup>th</sup> day of ~~May~~, 2002

*June*

  
\_\_\_\_\_  
William V. Murray (L.S.)

STATE OF *New Jersey*  
                  ) SS.  
COUNTY OF *Somerset*

BE IT REMEMBERED, That on this 10<sup>th</sup> day of ~~May~~,  
2002, before me, a Notary Public, personally appeared William V.  
Murray, 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

A S S I G N M E N T

Serial No. 10/095,674  
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WHEREAS, Pranab Mishra, Sengen Sun, and William V. Murray, residing at 215 Main Street, Apt. 78, South Bound Brook, NJ 08880; 5185 Luigi Terrace #59, San Diego, CA 92122; and 447 Township Line Road, Belle Mead, NJ 08502; respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

METHODS FOR THE SYNTHESIS OF DENSELY FUNCTIONALIZED PYRROLIDINE INTERMEDIATES

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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, Assignor has hereunto set his hand and seal this                    day of May, 2002

\_\_\_\_\_ (L.S.)  
Pranab Mishra

STATE OF            )  
                              ) ss.  
COUNTY OF        )

BE IT REMEMBERED, That on this            day of May, 2002, before me, a Notary Public, personally appeared Pranab Mishra, 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

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 06th day of May, 2002

Sengen Sun (L.S.)  
Sengen Sun

STATE OF California ) ss.  
COUNTY OF San Diego

BE IT REMEMBERED, That on this 06<sup>th</sup> day of May, 2002, before me, a Notary Public, personally appeared Sengen Sun, 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.



Marjorie Horschler  
Notary Public



IN TESTIMONY WHEREOF, Assignor has hereunto set his  
hand and seal this                      day of May, 2002

\_\_\_\_\_ (L.S.)  
William V. Murray

STATE OF            )  
  ) ss.  
COUNTY OF         )

BE IT REMEMBERED, That on this                      day of May,  
2002, before me, a Notary Public, personally appeared William V.  
Murray, 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

A S S I G N M E N T

Serial No.10/095,674  
Filed March 12, 2002

WHEREAS, Pranab Mishra, Sengen Sun, and William V. Murray, residing at La Scala Apartments, Apt. # 1114, 3389 Nobel Drive, San Diego, CA 92122; 5185 Luigi Terrace #59, San Diego, CA 92122; and 447 Township Line Road, Belle Mead, NJ 08502; respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

METHODS FOR THE SYNTHESIS OF DENSELY FUNCTIONALIZED PYRROLIDINE INTERMEDIATES

for which they have executed an application for Letters Patent of the United States Patent and Trademark Office; and

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IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 13<sup>th</sup> day of June, 2002



Pranab Mishra

(L.S.)

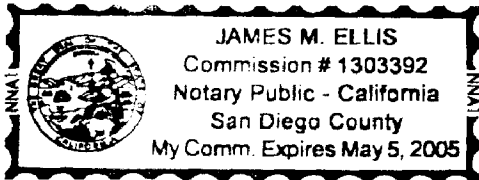
STATE OF California

) ss.

COUNTY OF San Diego

BE IT REMEMBERED, That on this 13<sup>th</sup> day of June, 2002, before me, a Notary Public, personally appeared Pranab Mishra, 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.

James M Ellis  
Notary Public



IN TESTIMONY WHEREOF, Assignor has hereunto set his  
hand and seal this                  day of June, 2002

\_\_\_\_\_  
Sengen Sun (L.S.)

STATE OF            )  
                              ) ss.  
COUNTY OF            )

BE IT REMEMBERED, That on this                  day of June,  
2002, before me, a Notary Public, personally appeared Sengen  
Sun, 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

IN TESTIMONY WHEREOF, Assignor has hereunto set his  
hand and seal this                    day of June, 2002

\_\_\_\_\_  
William V. Murray (L.S.)

STATE OF             )  
                              ) ss.  
COUNTY OF           )

BE IT REMEMBERED, That on this            day of June,  
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Murray, who I am satisfied is the person named in and who  
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act and deed for the uses and purposes therein expressed.

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