

08-25-2000 COVER SHEET

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Commissioner of Patent



101442817

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Please record the attached original document(s)

<p>1. Name of conveying party(ies): Lars Karlsson Wai-Ping Leung Per A. Peterson Christopher Alfonso</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): Name: Ortho McNeil Pharmaceutical, Inc. Street Address: US Route 202 City: Raritan State: NJ Zip: 08869</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance: <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:</p>	
<p>4. Application number(s) or patent number(s): <u>09/516,390</u></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>Audley A. Ciamporzero, Esq. Chief Patent Counsel Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933-7003</p>	<p>6. Total number of applications & 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: <u>10-0750/ORT-1194/JWW</u></p>
<p>9. Statement and signature</p> <p>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.</p> <p>John W. Wallen, III Name of Person Signing</p> <p> Signature</p> <p><u>7/18/00</u> Date</p> <p>Total number of pages including cover sheet, attachments, and document:</p>	

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

Box Assignments
Commissioner of Patent and Trademarks
Washington, D.C. 20231

A S S I G N M E N T

Serial No. 09/516,390
Filed March 1, 2000

WHEREAS, Lars Karlsson residing at 336 Fern Glen, La Jolla, California, and Wai-Ping Leung, residing at 12707 Brubaker Court, San Diego, California, and Per A. Peterson residing at P.O. Box 2323, Rancho Santa Fe, California, and Christopher Alfonso, residing at 1945 Emerald Street, San Diego, California 92109 respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to **H2-0 MODIFIED TRANSGENIC ANIMALS**

for which they have on this day executed an application for Letters Patent of the United States; and

WHEREAS, Ortho-McNeil Pharmaceutical, Inc., a corporation of the State of New Jersey, (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;

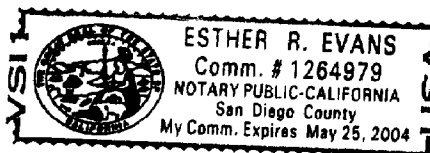
And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal 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.

Lars Karlsson (L.S.)
Lars Karlsson

STATE OF California)
COUNTY OF San Diego) SS.

BE IT REMEMBERED, That on this 6th day of June, 2000, before me, a Notary Public, personally appeared Lars Karlsson, 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.

Locher Evans
Notary Public

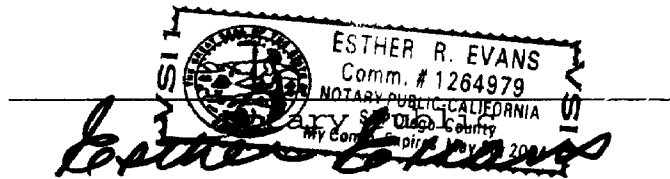


IN TESTIMONY WHEREOF, Assignors have hereunto set
their hands and seals this 6th day of June, 2000

Wai-Ping Leung (L.S.)
Wai-Ping Leung

STATE OF California)
COUNTY OF San Diego) ss.

BE IT REMEMBERED, That on this 6th day of June, 2000, before me, a Notary Public, personally appeared Wai-Ping Leung, 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.



IN TESTIMONY WHEREOF, Assignors have hereunto set
their hands and seals this 5th day of June, 2000

Per A. Peterson (L.S.)
Per A. Peterson

STATE OF New Jersey)
COUNTY OF Somerset) ss.

BE IT REMEMBERED, That on this 5th day of June, 2000, before me, a Notary Public, personally appeared Per A. Peterson, 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.

Ellen J. Kozak
Notary Public
My Commission expires
June 5, 2005

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 6th day of June, 2000

Christopher Alfonso (L.S.)
Christopher Alfonso

STATE OF California)
) ss.
COUNTY OF San Diego)

BE IT REMEMBERED, That on this 6th day of June, 2000, before me, a Notary Public, personally appeared Christopher Alfonso, 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.

Esther R. Evans
Notary Public

