

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mark F. Pittenger</td> <td>03/15/2000</td> </tr> <tr> <td>Stephen L. Gordon</td> <td>03/16/2000</td> </tr> <tr> <td>Alastair M. Mackay</td> <td>03/16/2000</td> </tr> </tbody> </table>		Name	Execution Date	Mark F. Pittenger	03/15/2000	Stephen L. Gordon	03/16/2000	Alastair M. Mackay	03/16/2000
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Mark F. Pittenger	03/15/2000								
Stephen L. Gordon	03/16/2000								
Alastair M. Mackay	03/16/2000								
RECEIVING PARTY DATA									
Name:	Osiris Therapeutics, Inc.								
Street Address:	2001 Aliceanna Street								
City:	Baltimore								
State/Country:	MARYLAND								
Postal Code:	21231								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13370009</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13370009				
Property Type	Number								
Application Number:	13370009								
CORRESPONDENCE DATA									
Fax Number:	(312)775-8100								
Email:	mhmpto@mcandrews-ip.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	MCANDREWS HELD & MALLOY, LTD								
Address Line 1:	500 WEST MADISON STREET								
Address Line 2:	SUITE 3400								
Address Line 4:	CHICAGO, ILLINOIS 60661								
ATTORNEY DOCKET NUMBER:	02715-19215US10								
NAME OF SUBMITTER:	Angeline R. Babel								
Total Attachments: 2 source=19215US10_Assignment_from_parent#page1.tif source=19215US10_Assignment_from_parent#page2.tif									

CH \$40.00 13370009

305 Brook Road Towson MD  
ANN 3/16/00

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, Mark F. Pittenger of 108 Southway, Severna Park, Maryland 21146, U.S.A.; Stephen L. Gordon of 6361 Gray Sea Way, Columbia, Maryland 21045, U.S.A.; and Alastair Morgan Mackay of Four-Buttrick-Court, No. 204, Timonium, Maryland 21093, U.S.A., hereby sells, assigns and transfers to Osiris Therapeutics, Inc. ("Assignee"), having a place of business at 2001 Aliceanna Street, Baltimore, Maryland 21231, a Maryland corporation, its successors, assigns and legal representatives, his entire right, title and interest for the United States and all other countries, in and to the improvements(s) known as: United States Application Serial No. 09/446,952, filed December 29, 1999 and/or executed on even date herewith and is entitled:

CARDIAC MUSCLE REGENERATION USING MESENCHYMAL STEM CELLS

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all other countries on any of said improvements, and in and to all original, re-examined and reissued patents and extensions thereof which have been or shall be issued in the United States and all other countries on said improvements (hereinafter collectively, the "Improvements").

The undersigned further agrees that said Assignee may apply for and receive Letters Patent for said Improvements in its own name; and, when requested, without charge to but at the expense of Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on all such Improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives all facts known to the undersigned relating to said Improvements and the history thereof; and do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said Improvements and for vesting title to said Improvements and all applications for patent and all patents on said improvements in Assignee, its successors, assigns and representatives.

The undersigned hereby represents and warrants to Assignee, its successors, assigns and representatives that no assignment, grant, mortgage, license or other right or 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 expressed herein is possessed by the undersigned.

The undersigned hereby grants power to John N. Bain (Reg. No. 18,651); John G. Gilfillan, III (Reg. No. 22,746); Elliot M. Olstein (Reg. No. 24,025); Raymond J. Lillie (Reg. No. 31,778); William Squire (Reg. No. 25,378); and Alan J. Grant (Reg. No. 33,389) to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document. Address correspondence and telephone calls to Raymond J. Lillie, c/o Carelia, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, New Jersey 07068.

IN WITNESS WHEREOF, this Assignment is executed by the undersigned on the date(s) opposite their signature(s):

Inventor's Signature: Mark F. Pittenger Date: 3/15/00

STATE OF MARYLAND, COUNTY OF Baltimore SS.:

Before me this 15<sup>th</sup> day of March, 2000, personally appeared the above named individual(s), to me known to be the person(s) who are described in and who executed the foregoing assignment instrument and acknowledged to me that they executed the same of their own free will for the purpose therein expressed.

[Signature]  
Notary Public

Inventor's Signature: Stephen L. Gordon Date: 3/16/00

STATE OF MARYLAND, COUNTY OF Baltimore SS.:

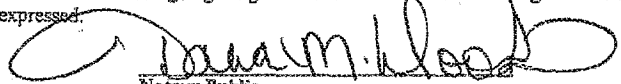
Before me this 16<sup>th</sup> day of March, 2000, personally appeared the above named individual(s), to me known to be the person(s) who are described in and who executed the foregoing assignment instrument and acknowledged to me that they executed the same of their own free will for the purpose therein expressed.

[Signature]  
Notary Public

Inventor's Signature: Alastair M Maibey Date: 3/16/00

STATE OF MARYLAND, COUNTY OF Baltimore SS.:

Before me this 16<sup>th</sup> day of March, 2000, personally appeared the above named individual(s), to me known to be the person(s) who are described in and who executed the foregoing assignment instrument and acknowledged to me that they executed the same of their own free will for the purpose therein expressed.

  
Notary Public

CARELLA, BYRNE, BAIN, GILFILLAN, CECCHI, STEWART & OLSTEIN  
6 Becker Farm Road - Roseland, NJ 07068 - (973) 994-1700

Docket No. 640100-356  
#58943 v1