

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Henry E. Young	07/20/2001
Paul A. Lucas	03/14/2003

RECEIVING PARTY DATA

Name:	Morphogen Pharmaceuticals, Inc.
Street Address:	19555 Science Center Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92103

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	09820320
Application Number:	11029763

CORRESPONDENCE DATA

Fax Number: (201)343-1684
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 201 487-5800
Email: david.jackson@kjiplaw.com
Correspondent Name: David A. Jackson
Address Line 1: 411 Hackensack Avenue
Address Line 4: Hackensack, NEW JERSEY 07601

ATTORNEY DOCKET NUMBER:

13041019CIP1-CIP1CON

NAME OF SUBMITTER:

DAVID A. JACKSON

Total Attachments: 4

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PATENT

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ASSIGNMENT

WHEREAS, we, the undersigned,
Henry E. Young, a citizen of the United States,
residing at 195 Ashton Drive
Macon, GA 31220

and

Paul A. Lucas, a citizen of the United States,
residing at 36 Carol Drive
Poughkeepsie, New York 12603

("ASSIGNORS") have invented certain new and useful improvements in

**PLURIPOTENT EMBRYONIC-LIKE STEM CELLS,
COMPOSITIONS, METHODS AND USES THEREOF**

for which we have executed an Application for Letters Patent in the United States on
March 28, 2001 as U.S. Serial No. 09/820,320; and

WHEREAS,

MORPHOGEN PHARMACEUTICALS, INC.
having a place of business at
19555 Science Center Drive
San Diego, California 92103

("ASSIGNEE") is desirous of obtaining the entire right, title and interest in, to and under the
said improvements and the said application;

NOW, THEREFORE, for other good and valuable consideration, the receipt of which
is hereby acknowledged, we the said

ASSIGNORS,

have sold, assigned, transferred and set over, and by these presents do hereby sell, assign,
transfer and set over, to the said

ASSIGNEE,

its successors, legal representatives and assigns, the entire right, title and interest in, to and
under the said improvements, and the said application and all divisions, renewals, and

continuations, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, including the right to claim priority under the terms of any appropriate International Convention based upon said application for Letters Patent of the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said

ASSIGNEE,

its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the interest herein assigned in the manner hereinabove set forth, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said

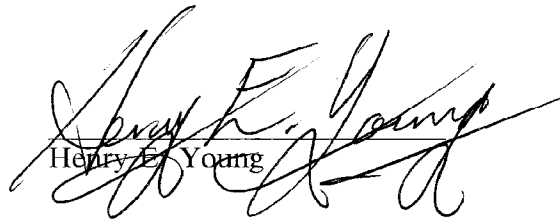
ASSIGNEE,

its successors, legal representatives and assigns, any fact known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisions, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said

ASSIGNEE,

its successors, legal representatives and assigns, to obtain and enforce proper Patent Protection for said improvements in the United States.

Date 07-20, 2001



Henry F. Young

Date _____, 2001

Paul A. Lucas

ASSIGNMENT

WHEREAS, WE,

Henry E. Young, a citizen of the United States, residing at
195 Ashton Drive
Macon, GA 31220; and

Paul A. Lucas, a citizen of the United States, residing at
36 Carol Drive
Poughkeepsie, New York 12603;

have invented certain new and useful improvements in

PLURIPOTENT EMBRYONIC-LIKE STEM CELLS, COMPOSITIONS, METHODS AND USES THEREOF

for which we have filed an Application for Letters Patent in the United States on March 28, 2001, and was accorded U.S. Serial No. 09/820,320; and

WHEREAS, MORPHOGEN PHARMACEUTICALS, INC.,
having a place of business at
19555 Science Center Drive
San Diego, California 92103,

ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, for other good and valuable consideration, the receipt of which is hereby acknowledged, we the said

ASSIGNORS

have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to the said

ASSIGNEE,

its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, including the right to claim priority under the terms of any appropriate International Convention based upon said application for Letters Patent of the United States, and all Letters Patent which may be granted from said improvements in any country or countries foreign to the United States and extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States, whose duty is

to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said

ASSIGNEE,

its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the interest herein assigned in the manner hereinabove set forth, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said

ASSIGNEE,

its successors, legal representatives and assigns, any fact known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisions, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said

ASSIGNEE,

its successors, legal representatives and assigns, to obtain and enforce proper Patent Protection for said improvements in the United States.

IN TESTIMONY WHEREOF, we herunto set our hand and seal the day and year set opposite our signatures.

Date _____, 2003

Henry E. Young L.S.

Date March 14, 2003


Paul A. Lucas L.S.