

08-07-2001



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Docket No.: JHUC-P01-016

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please receive the attached original documents or copy thereof.

1. Name of conveying party(ies):
Philip A. Beachy

07/30/01

2. Name and address of receiving party(ies):

Name: **Johns Hopkins University School of Medicine**

Internal Address: _____

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other _____

Street Address: **111 Market Place, Suite 906**

City: **Baltimore**

State: **MD**

ZIP: **21202**

Execution Date: **July 20, 2001**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

09/688,076

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **David P. Halstead**

Internal Address: _____

Street Address: **Ropes & Gray**

1 International Place

City: **Boston**

State: **MA**

ZIP: **02115**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

18-1945

08/06/2001 LMUELLER 00000180 181945 09688076

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9. Statement and signature.

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.

David P. Halstead

July 26, 2001

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **3**

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PATENT

REEL: 012031 FRAME: 0874

ASSIGNMENT

WHEREAS, each of the Undersigned has developed certain inventions described in U.S. patent application titled:

REGULATORS OF THE HEDGEHOG PATHWAY, COMPOSITIONS AND USES RELATED THERETO

filed herewith; and has full right to convey their entire interest, both legal and equitable, in and to said inventions free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, **JOHN HOPKINS UNIVERSITY SCHOOL OF MEDICINE** ("ASSIGNEE"), of Baltimore, a corporation of the State of Maryland, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of the sum of One Dollars (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by each of the Undersigned, each of the Undersigned hereby sells, assigns and transfers unto said ASSIGNEE, its successors and assigns, their entire right, title and interest in and to said invention or inventions, as described in the aforesaid application and all applications resulting therefrom, including any and all divisions, continuations, continuations in part, substitute applications, and reissues or extensions thereof; and all resulting patents.

AND each of the Undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns; the Undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE.

AND, each of the Undersigned further agrees, without any further payment or compensation by said ASSIGNEE or its successors and assigns, to communicate to said ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; to testify in any interference or other legal proceedings, whenever requested; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to generally do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

Each of the undersigned hereby authorizes Ropes & Gray, of One International Place, Boston, MA 02110, to insert hereon any further identification information necessary or desirable for recordation of this document.

Inventor(s)

Date Signed

Witness(es)

1. Philip A. Beachy 7/20/01 K.A. Blaw

Name: Philip A. Beachy
for himself and as agent for the Howard Hughes Medical Institute