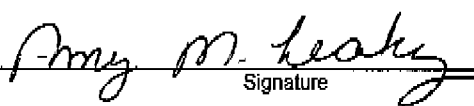


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 OMB No. 0651-0027 (exp. 8/30/2008)

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<p>1. Name of conveying party(ies): Gerald R. Fink</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)</p> <p>Name: <u>Whitehead Institute for Biomedical Research</u></p> <p>Internal Address: _____</p> <p>Street Address: _____</p> <p>9 Cambridge Center</p> <p>City: <u>Cambridge</u></p> <p>State: <u>Massachusetts</u></p> <p>Country: <u>United States of America</u> Zip: <u>02142</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance/Execution Date(s):</p> <p>Execution Date(s): <u>August 17, 2006</u></p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement</p> <p><input type="checkbox"/> Government Interest Assignment</p> <p><input type="checkbox"/> Executive Order 9424, Confirmatory License</p> <p><input type="checkbox"/> Other _____</p>	<p><input type="checkbox"/> This document is being filed together with a new application.</p> <p>4. Application or patent number(s):</p> <p>A. Patent Application No.(s) <u>10/344,658</u></p> <p>B. Patent No.(s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Amy M. Leahy</u> <u>EDWARDS ANGELL PALMER & DODGE</u> <u>LLP</u></p> <p>Internal Address: <u>Atty. Dkt.: 59101(30471)</u></p> <p>Street Address: <u>P O. Box 55874</u></p> <p>City: <u>Boston</u></p> <p>State: <u>MA</u> Zip: <u>02205</u></p> <p>Phone Number: <u>(203) 975-7505</u></p> <p>Fax Number: <u>(617) 439-4170</u></p> <p>Email Address: <u>ALeahy@eapdlaw.com</u></p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u></p> <p><input type="checkbox"/> Authorized to be charged by credit card</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p><input type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> None required (government interest not affecting title)</p> <p>8. Payment Information</p> <p>a. Credit Card Last 4 Numbers _____ Expiration Date _____</p> <p>b. Deposit Account Number <u>04-1105</u> Authorized User Name <u>Amy M. Leahy</u></p>
<p>9. Signature:</p> <p align="center"></p> <p align="center">Signature _____ Date <u>August 31, 2006</u></p> <p align="center">Name of Person Signing <u>Amy M. Leahy - 47,739</u></p> <p align="right">Total number of pages including cover sheet, attachments, and documents: <input type="checkbox"/></p>	

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Dated: August 31, 2006 Signature: Denise Kacinski (Denise Kacinski)

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made this 17th day of August,
by Gerald R. Fink (hereinafter referred to as Assignor), residing at 40 Ashton Road,
Chestnut Hill, Massachusetts 02167;

WHEREAS, Assignor has invented certain new and useful improvements in
ENHANCED MERISTEMATIC ACTIVITY AND COMPETENCE BY
OVEREXPRESSION OF TONOPLAST PYROPHOSPHATASE, set forth in a Patent
application for Letters Patent of the United States, already filed on February 13, 2003
as U.S. Application No. 10/344,658; and

WHEREAS, Whitehead Institute for Biomedical Research, a corporation
organized under and pursuant to the laws of the State of Delaware having its principal
place of business at 9 Cambridge Center, Cambridge, Massachusetts 02142
(hereinafter referred to as Assignee), is desirous of acquiring Assignor's entire right,
title and interest in and to said inventions and said Application for Letters Patent of the
United States, and in and to any Letters Patent of the United States to be obtained
therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good
and sufficient consideration, the receipt of which is hereby acknowledged, Assignor
has sold, assigned, transferred and set over, and by these presents does sell, assign,
transfer and set over, unto Assignee, its successors, legal representatives and
assigns, his entire right, title and interest in and to the above-mentioned inventions and
application for Letters Patent, and in and to any and all direct and indirect divisions,
continuations and continuations-in-part of said application, and any and all Letters
Patent in the United States and all foreign countries which may be granted therefore
and thereon, and reissues, reexaminations and extensions of said Letters Patent, and
all rights under the International Convention for the Protection of Industrial Property,
the same to be held and enjoyed by Assignee, for its own use and benefit and the use
and benefit of its successors, legal representatives and assigns, to the full end of the
term or terms for which Letters Patent may be granted and/or extended, as fully and

entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of an undivided right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals the power 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
recording of this document:

EDWARDS ANGELL PALMER & DODGE LLP

All practitioners at Customer Number 21874

AND Assignor acknowledges an obligation of assignment of this invention to
Assignee at the time the invention was made.

Date: 08/17/06

Signature: 
Gerald R. Fink

FAX TRANSMISSION**DATE:** August 31, 2006**PTO IDENTIFIER:** Application Number 10/344,658-Conf. #4070
Patent Number**Inventor:** Roberto A. Gaxiola et al.**MESSAGE TO:** USPTO PTAS System**FAX NUMBER:** (571) 273-0140**FROM:** EDWARDS ANGELL PALMER & DODGE LLP

Amy M. Leahy

PHONE: (203) 975-7505**Attorney Dkt. #:** 59101(30471)**PAGES (Including Cover Sheet):** 3**CONTENTS:** Assignment (3 pages)
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PTO/SB/97 (09-04)
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Application No. (if known): 10/344,658

Attorney Docket No.: 59101(30471)

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