

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the name of the Assignee previously recorded on Reel 018074 Frame 0321. Assignor(s) hereby confirms the conveyance to Massachusetts Institute of Technology and Whitehead Institute for Biomedical Research at Assignment p. 1, para. 2.

CONVEYING PARTY DATA

Name	Execution Date
Leonard P. Guarente	05/24/2006
Homayoun Vaziri	07/31/2006
Shin-Ichiro Imai	06/07/2006

RECEIVING PARTY DATA

Name:	Massachusetts Institute of Technology
Street Address:	77 Massachusetts Avenue
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02139-4307

Name:	Whitehead Institute for Biomedical Research
Street Address:	Nine Cambridge Center
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02142-1479

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11404146

CORRESPONDENCE DATA

Fax Number: (203)624-8594
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 203-777-4607
 Email: proteuspatent@snet.net
 Correspondent Name: Henry E. Auer, Proteus Patent Practice

OP \$40.00 11404146

Address Line 1: PO Box 1867
Address Line 4: New Haven, CONNECTICUT 06508

ATTORNEY DOCKET NUMBER: 416-01

NAME OF SUBMITTER: Henry E. Auer

Total Attachments: 10
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RECORDATION FORM COVER SHEET
PATENTS ONLY

OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings ⇨ ⇨ ⇨

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

1. Name of conveying party(ies):

Leonard P. Guarente
Homayoun Vaziri
Shin-Ichiro Imai

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Massachusetts Institute of Technology

Internal Address: _____

Street Address: _____

77 Massachusetts Avenue

City: Cambridge State: MA Zip: 02139-4307

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Dates: 05/24/06, 06/07/06, 07/31/06

4. Application number(s) or patent number(s):

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

A. Patent Application No.(s) 11/404,146

B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: Proteus Patent Practice LLC

Internal Address: Attention: Henry E. Auer

Street Address: P. O. Box 1867

City: New Haven State: CT Zip: 06508

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

DO NOT USE THIS SPACE

9. Signature.

Henry E. Auer
Name of Person Signing

Henry E. Auer
Signature

August 7, 2006
Date

Total number of pages including cover sheet, attachments, and documents: 11

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, we, Leonard P. Guarente, Homayoun Vaziri, and Shin-Ichiro Imai, have developed certain inventions and improvements entitled "SIR2 Activity" (hereinafter referred to as "INVENTION") described in an application for Letters Patent of the United States, Application No. 11/404,146, filed April 13, 2006;

WHEREAS, Massachusetts Institute of Technology (hereinafter referred to as "M. I. T."), a corporation organized and existing under the laws of Massachusetts, and having a usual place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139-4307, and Whitehead Institute for Biomedical Research (hereinafter referred to as "Whitehead"), a corporation organized and existing under the laws of Delaware, and having a usual place of business at Nine Cambridge Center, Cambridge, Massachusetts 02142-1479 (M. I. T. and Whitehead collectively referred to hereinafter as "ASSIGNEES"), desire to acquire an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, for and in consideration of good and valuable consideration, the receipt of which we, Leonard P. Guarente and Shin-Ichiro Imai, hereby acknowledge, we, Leonard P. Guarente and Shin-Ichiro Imai, hereby do sell, assign, and transfer unto M. I. T., its successors, assigns and legal representatives, and for and in consideration of good and valuable consideration, the receipt of which I, Homayoun Vaziri, hereby acknowledge, I, Homayoun Vaziri, hereby do sell, assign, and transfer unto Whitehead, its successors, assigns and legal representatives, our respective entire right, title and interest, in and throughout the United States of America, its territories, and all foreign countries, in and to said INVENTION as described in said application, together with our respective entire right, title and interest in and to said application and such United States Letters Patent as may issue thereon and Letters Patent issued by all foreign countries and regional authorities of the world as may issue thereon; said INVENTION, application, United States Letters Patent and foreign and regional Letters Patent to be held and enjoyed by said ASSIGNEES for their own use and behalf and for their successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent;

AND, we hereby acknowledge that this assignment, being of the entire right, title and interest in and to said INVENTION, carries with it the right in ASSIGNEES to apply for and obtain from competent authorities in all countries, states, and regional authorities of the world any and all Letters Patent by attorneys and agents of ASSIGNEES' selection and the right to procure the grant of all such Letters Patent to ASSIGNEES for their own name as ASSIGNEES of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors, administrators, or legal representatives to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEES, their successors, assigns and legal representatives, but at their or their expense and charges, including the execution of applications for patents in foreign countries, states, and

regional authorities, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said INVENTION or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEES, their successors, assigns, and legal representatives;

IN TESTIMONY WHEREOF, we hereby subscribe our names to the foregoing ASSIGNMENT

1. Inventor: *Leonard P. Guarente*
[Signature of inventor]

Date: 5/24/06

Leonard P. Guarente
[Typed name of inventor]

State/Commonwealth of Massachusetts
County of Middlesex

Before me, a Notary Public in and for the County and State or Commonwealth aforesaid, appeared Leonard P. Guarente, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said assignment as his free and voluntary act, and for the uses and purposes therein expressed, on the on the date of May 24, 2006.

Francine R. Chaput Notary Public
Francine R. Chaput Printed Name
My commission expires March 28, 2008
Date

2. Inventor: _____ Date: _____
[Signature of inventor]

Homayoun Vaziri
[Typed name of inventor]

State/Commonwealth/Province of _____

County/Municipality of _____

Before me, a Notary Public in and for the County or Municipality, and State, Commonwealth, or Province aforesaid, appeared Homayoun Vaziri, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said assignment as his free and voluntary act, and for the uses and purposes therein expressed, on the on the date of _____, 2006.

_____, Notary Public

_____, Printed Name

My commission expires _____
Date

3. Inventor: _____ Date: _____
[Signature of inventor]

Shin-Ichiro Imai
[Typed name of inventor]

State/Commonwealth of _____

County of _____

Before me, a Notary Public in and for the County and State or Commonwealth aforesaid, appeared Shin-Ichiro Imai, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said assignment as his free and voluntary act, and for the uses and purposes therein expressed, on the on the date of _____, 2006.

_____, Notary Public

_____, Printed Name

My commission expires _____
Date

ASSIGNMENT

WHEREAS, we, Leonard P. Guarente, Homayoun Vaziri, and Shin-Ichiro Imai, have developed certain inventions and improvements entitled "SIR2 Activity" (hereinafter referred to as "INVENTION") described in an application for Letters Patent of the United States, Application No. 11/404,146, filed April 13, 2006;

WHEREAS, Massachusetts Institute of Technology (hereinafter referred to as "M. I. T."), a corporation organized and existing under the laws of Massachusetts, and having a usual place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139-4307, and Whitehead Institute for Biomedical Research (hereinafter referred to as "Whitehead"), a corporation organized and existing under the laws of Delaware, and having a usual place of business at Nine Cambridge Center, Cambridge, Massachusetts 02142-1479 (M. I. T. and Whitehead collectively referred to hereinafter as "ASSIGNEES"), desire to acquire an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, for and in consideration of good and valuable consideration, the receipt of which we, Leonard P. Guarente and Shin-Ichiro Imai, hereby acknowledge, we, Leonard P. Guarente and Shin-Ichiro Imai, hereby do sell, assign, and transfer unto M. I. T., its successors, assigns and legal representatives, and for and in consideration of good and valuable consideration, the receipt of which I, Homayoun Vaziri, hereby acknowledge, I, Homayoun Vaziri, hereby do sell, assign, and transfer unto Whitehead, its successors, assigns and legal representatives, our respective entire right, title and interest, in and throughout the United States of America, its territories, and all foreign countries, in and to said INVENTION as described in said application, together with our respective entire right, title and interest in and to said application and such United States Letters Patent as may issue thereon and Letters Patent issued by all foreign countries and regional authorities of the world as may issue thereon; said INVENTION, application, United States Letters Patent and foreign and regional Letters Patent to be held and enjoyed by said ASSIGNEES for their own use and behalf and for their successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent;

AND, we hereby acknowledge that this assignment, being of the entire right, title and interest in and to said INVENTION, carries with it the right in ASSIGNEES to apply for and obtain from competent authorities in all countries, states, and regional authorities of the world any and all Letters Patent by attorneys and agents of ASSIGNEES' selection and the right to procure the grant of all such Letters Patent to ASSIGNEES for their own name as ASSIGNEES of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors, administrators, or legal representatives to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEES, their successors, assigns and legal representatives, but at their or their expense and charges, including the execution of applications for patents in foreign countries, states, and

regional authorities, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said INVENTION or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEES, their successors, assigns, and legal representatives;

IN TESTIMONY WHEREOF, we hereby subscribe our names to the foregoing ASSIGNMENT

1. Inventor: _____ Date: _____
[Signature of inventor]

Leonard P. Guarente
[Typed name of inventor]

State/Commonwealth of _____

County of _____

Before me, a Notary Public in and for the County and State or Commonwealth aforesaid, appeared Leonard P. Guarente, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said assignment as his free and voluntary act, and for the uses and purposes therein expressed, on the on the date of _____, 2006.

_____, Notary Public

_____, Printed Name

My commission expires _____
Date

2. Inventor: _____
[Signature of inventor]

Date: _____

Homayoun Vaziri
[Typed name of inventor]

State/Commonwealth/Province of _____

County/Municipality of _____

Before me, a Notary Public in and for the County or Municipality, and State, Commonwealth, or Province aforesaid, appeared Homayoun Vaziri, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said assignment as his free and voluntary act, and for the uses and purposes therein expressed, on the on the date of _____, 2006.

_____, Notary Public

_____, Printed Name

My commission expires _____
Date

3. Inventor: Shin-Ichiro Imai
[Signature of inventor]

Date: 6/7/06

Shin-Ichiro Imai
[Typed name of inventor]

State/Commonwealth of _____

County of _____

Before me, a Notary Public in and for the County and State or Commonwealth aforesaid, appeared Shin-Ichiro Imai, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said assignment as his free and voluntary act, and for the uses and purposes therein expressed, on the on the date of June 7th, 2006.



Katherine M Krajcovic
Notary Public
Katherine M Krajcovic
Printed Name

My commission expires _____
Date

ASSIGNMENT

WHEREAS, we, Leonard P. Guarente, Homayoun Vaziri, and Shin-Ichiro Imai, have developed certain inventions and improvements entitled "SIR2 Activity" (hereinafter referred to as "INVENTION") described in an application for Letters Patent of the United States, Application No. 11/404,146, filed April 13, 2006;

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AND, we hereby acknowledge that this assignment, being of the entire right, title and interest in and to said INVENTION, carries with it the right in ASSIGNEES to apply for and obtain from competent authorities in all countries, states, and regional authorities of the world any and all Letters Patent by attorneys and agents of ASSIGNEES' selection and the right to procure the grant of all such Letters Patent to ASSIGNEES for their own name as ASSIGNEES of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors, administrators, or legal representatives to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEES, their successors, assigns and legal representatives, but at their or their expense and charges, including the execution of applications for patents in foreign countries, states, and

regional authorities, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said INVENTION or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEES, their successors, assigns, and legal representatives;

IN TESTIMONY WHEREOF, we hereby subscribe our names to the foregoing ASSIGNMENT

1. Inventor: _____ Date: _____
 [Signature of inventor]

Leonard P. Guarente
 [Typed name of inventor]

State/Commonwealth of _____

County of _____

Before me, a Notary Public in and for the County and State or Commonwealth aforesaid, appeared Leonard P. Guarente, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said assignment as his free and voluntary act, and for the uses and purposes therein expressed, on the on the date of _____, 2006.

_____, Notary Public

_____, Printed Name

My commission expires _____
Date

2. Inventor: _____

Date: July 31, 06

[Signature of inventor]

Homayoun Vaziri
[Typed name of inventor]

State/Commonwealth/Province of Ontario

County/Municipality of Toronto

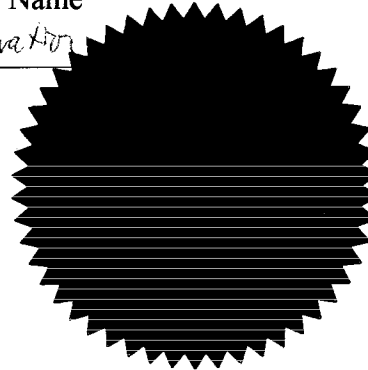
Before me, a Notary Public in and for the County or Municipality, and State, Commonwealth, or Province aforesaid, appeared Homayoun Vaziri, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said assignment as his free and voluntary act, and for the uses and purposes therein expressed, on the on the date of July 31, 2006.

David Francis Fernandes
Barrister & Solicitor
Notary Public and Commissioner of Oaths
in and for the Province of Ontario.
My Commission is of unlimited duration.
No legal advice given.

David Francis Fernandes, Notary Public

David Francis Fernandes, Printed Name

My commission expires Unlimited Duration
Date



3. Inventor: _____

Date: _____

[Signature of inventor]

Shin-Ichiro Imai
[Typed name of inventor]

State/Commonwealth of _____

County of _____

Before me, a Notary Public in and for the County and State or Commonwealth aforesaid, appeared Shin-Ichiro Imai, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said assignment as his free and voluntary act, and for the uses and purposes therein expressed, on the on the date of _____, 2006.

_____, Notary Public

_____, Printed Name

My commission expires _____
Date