

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Alice Y. Ting</td> <td>06/26/2008</td> </tr> <tr> <td>Marta Fernandez Suarez</td> <td>06/20/2008</td> </tr> <tr> <td>Hemanta Baruah</td> <td>06/20/2008</td> </tr> <tr> <td>Yoon Aa Choi</td> <td>06/20/2008</td> </tr> </tbody> </table>		Name	Execution Date	Alice Y. Ting	06/26/2008	Marta Fernandez Suarez	06/20/2008	Hemanta Baruah	06/20/2008	Yoon Aa Choi	06/20/2008
Name	Execution Date										
Alice Y. Ting	06/26/2008										
Marta Fernandez Suarez	06/20/2008										
Hemanta Baruah	06/20/2008										
Yoon Aa Choi	06/20/2008										
RECEIVING PARTY DATA											
Name:	Massachusetts Institute of Technology										
Street Address:	77 Massachusetts Avenue										
City:	Cambridge										
State/Country:	MASSACHUSETTS										
Postal Code:	02139										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11983605</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11983605						
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Application Number:	11983605										
CORRESPONDENCE DATA											
Fax Number:	(617)646-8646										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	617-646-8000										
Email:	patents_MaryDilysA@wolfgreenfield.com										
Correspondent Name:	MaryDilys S. Anderson										
Address Line 1:	600 Atlantic Avenue										
Address Line 4:	Boston, MASSACHUSETTS 02210										
NAME OF SUBMITTER:	MaryDilys S. Anderson										

CH \$40.00 11983605

Total Attachments: 6
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PATENT

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party:

1. Alice Y. Ting 4. Yoon-Aa Choi
2. Marta Fernandez Suarez
3. Hemanta Baruah

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

2. Name and address of receiving party

Name: Massachusetts Institute of Technology

Internal Address: 77 Massachusetts Avenue

Street Address:

City: Cambridge

State: Massachusetts

Country: USA Zip: 02139

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s): June 26, 2008 and June 20, 2008

Assignment Merger Change of Name

Security Agreement Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

11/983,605

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: MARYDILYS S. ANDERSON
WOLF, GREENFIELD & SACKS, P.C.

Internal Address:

Street Address: Federal Reserve Plaza
600 Atlantic Avenue

City: Boston

State: MA Zip: 02210-2206

Phone Number: 617.646.8000

Fax Number: 617.646.8646

Email Address: MaryDilysA@wolfgreenfield.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

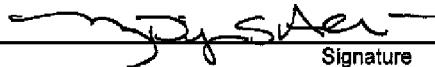
8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 23/2825

9. Signature:


Signature

October 31, 2008
Date

MaryDilys S. Anderson- 52,560

Name of Person Signing

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

4

Certificate of Electronic Filing Under 37 CFR 1.8

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.8(a)(4).

Dated: October 31, 2008

Signature: _____ (/Lisa A. Walsh/)

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I the undersigned hereby:

1. Sell, assign and transfer to **Massachusetts Institute of Technology**, a Massachusetts corporation having a place of business at 77 Massachusetts Avenue, Cambridge, MA 02139, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on **November 9, 2007** under Serial No. **11/983,605**, bearing Attorney Docket No. **M0656.70150US00**, and entitled **METHODS AND COMPOSITIONS FOR PROTEIN LABELING USING LIPOIC ACID LIGASES**, and in and to said application and all non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;
3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal.

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I the undersigned hereby:

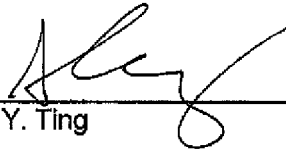
1. Sell, assign and transfer to **Massachusetts Institute of Technology**, a Massachusetts corporation having a place of business at 77 Massachusetts Avenue, Cambridge, MA 02139, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on **November 9, 2007** under Serial No. **11/983,605**, bearing Attorney Docket No. **M0656.70150US00**, and entitled **METHODS AND COMPOSITIONS FOR PROTEIN LABELING USING LIPOIC ACID LIGASES**, and in and to said application and all non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;
3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal.

6-26-08

Date

Inventor: Alice Y. Ting



Address: 45 Hopedale Street
Allston, MA 02134

Citizenship: United States

STATE/Commonwealth of Massachusetts :

COUNTY OF Middlesex :

On this 26 day of June, 2008, before me, the undersigned notary public, personally appeared Alice Y. Ting, proved to me through satisfactory evidence of identification, which were Driver license, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Saul Francis
Notary Public

My commission expires March 12, 2015

Date

Inventor: Marta Fernandez Suarez

Address: 39 Speridakis Terrace
Cambridge, MA 02139

Citizenship: United States

STATE/Commonwealth of _____ :

COUNTY OF _____ :

On this ____ day of _____, 20__, before me, the undersigned notary public, personally appeared _____, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires _____

Date

Inventor: Alice Y. Ting

Address: 45 Hopedale Street
Allston, MA 02134

Citizenship: United States

STATE/Commonwealth of _____ :


County of _____ :

On this ____ day of _____, 20__, before me, the undersigned notary public, personally appeared _____, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL _____
Notary Public

My commission expires _____

06/20/08
Date

Inventor: 
Marta Fernandez Suarez

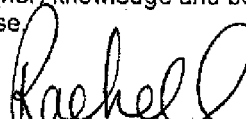
Address: 39 Speridakis Terrace
Cambridge, MA 02139

Citizenship: SPAIN

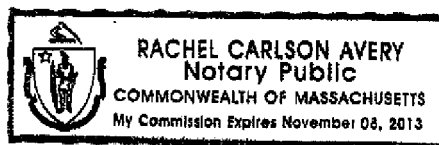
STATE/Commonwealth of Massachusetts :

County of Middlesex :

On this 20 day of June, 2008, before me, the undersigned notary public, personally appeared Marta Suarez, proved to me through satisfactory evidence of identification, which were MASS ID, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL 
Notary Public

My commission expires 11/8/13



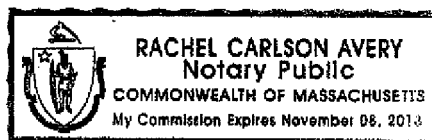
06/20/08
 Date
 Inventor: Hemanta Baruah
 Address: 14 Hamlin Street, #2
 Cambridge, MA 02141
 Citizenship: INDIA

STATE/Commonwealth of Massachusetts :

COUNTY OF Middlesex :

On this 20 day of June, 2008 before me, the undersigned notary public, personally appeared Hemanta Baruah, proved to me through satisfactory evidence of identification, which were MASS ID, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL Rachel Q
 Notary Public



My commission expires 11/8/13

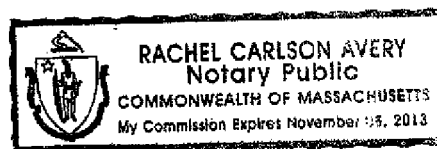
06/20/08
 Date
 Inventor: Yoon-Aa Choi
 Address: 700 Pacific Street, Room #803C
 Cambridge, MA 02139
 Citizenship: Republic of Korea

STATE/Commonwealth of Massachusetts :

COUNTY OF Middlesex :

On this 20 day of June, 2008 before me, the undersigned notary public, personally appeared Yoon-Aa Choi, proved to me through satisfactory evidence of identification, which were MIT ID, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL Rachel Q
 Notary Public



My commission expires 11/8/13