

11/10 2.7.0

FORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

03-08-2000



COVER SHEET U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
-Y
FEE - 7

Tab settings ▾

To the Honorable Commis.

101284487

and the attached original documents or copy thereof.

1. Name of conveying party(ies):

(1) Eric N. Jacobsen
(2) Makoto Tokunaga
(3) Jay Larrow

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

2. Name and address of receiving party(ies)

Name: **President and Fellows of Harvard College**

Internal Address:

Street Address: **17 Quincy Street**

City: Cambridge State: MA ZIP: _____

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

3. Nature of conveyance

 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: (1) September 21, 1998
(2) September 23, 1998
(3) September 17, 1998

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

A. Patent Application No.(s)
09/134,393

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Matthew P. Vincent, Ph.D.
Telephone: (617) 832-1000

Internal Address: Foley, Hoag & Eliot LLP

Street Address: One Post Office Square

City: Boston State: MA ZIP: 02109

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: 06-1448

Attach duplicate copy of this page if paying by deposit account

DO NOT USE THIS SPACE

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.*

Dana M. Gordon, Ph.D. *Dana Gordon* 2/3/00
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document:
8

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

03/08/2000 JSMBRAZZ 00000078 09134393

01 FC:581

/40.00 OP/

PATENT
REEL: 010587 FRAME: 0707

ASSIGNMENT

We, Eric N. Jacobsen of Cambridge, MA, Makoto Tokunaga of Wako, Saitama Japan, and Jay Larrow of Irvine, CA in consideration of One Dollar and other valuable consideration paid to us by President and Fellows of Harvard College, a corporation of the state of Massachusetts, having its principal place of business at 17 Quincy Street, Cambridge, MA the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

President and Fellows of Harvard College

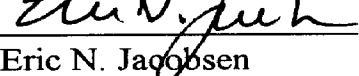
its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

"Stereoselective Ring Opening Reactions"


described in application Serial No. 09/134, 393 filed on August 14, 1998 in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand this 21st day of September, 1998.

By: 
Eric N. Jacobsen

Then personally appeared the above-named Eric N. Jacobsen and acknowledged the foregoing instrument to be his free act and deed, before me, this 21st day of September, 1998.


Witness signature

NICOLE MINOTTI
Witness Name (please print)

WITNESS my hand this _____ day of _____, 1998.

By: _____
Makoto Tokunaga

Then personally appeared the above-named Makoto Tokunaga and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 1998.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 1998.

By: _____
Jay Larrow

Then personally appeared the above-named Jay Larrow and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 1998.

Witness signature

Witness Name (please print)

ASSIGNMENT

We, Eric N. Jacobsen of Cambridge, MA, Makoto Tokunaga of Wako, Saitama Japan, and Jay Larrow of Irvine, CA in consideration of One Dollar and other valuable consideration paid to us by President and Fellows of Harvard College, a corporation of the state of Massachusetts, having its principal place of business at 17 Quincy Street, Cambridge, MA the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

President and Fellows of Harvard College

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

"Stereoselective Ring Opening Reactions"

described in application Serial No. 09/134, 393 filed on August 14, 1998 in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand this _____ day of _____, 1998.

By: _____
Eric N. Jacobsen

Then personally appeared the above-named Eric N. Jacobsen and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 1998.

Witness signature

Witness Name (please print)

WITNESS my hand this 23rd day of September, 1998.

By: Makoto Tokunaga
Makoto Tokunaga

Then personally appeared the above-named Makoto Tokunaga and acknowledged the foregoing instrument to be his free act and deed, before me, this 23rd day of September, 1998.

Akemi Tokunaga
Witness signature

Akemi Tokunaga
Witness Name (please print)

WITNESS my hand this _____ day of _____, 1998.

By: _____
Jay Larrow

Then personally appeared the above-named Jay Larrow and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 1998.

Witness signature

Witness Name (please print)

ASSIGNMENT

We, Eric N. Jacobsen of Cambridge, MA, Makoto Tokunaga of Wako, Saitama Japan, and Jay Larrow of Irvine, CA in consideration of One Dollar and other valuable consideration paid to us by President and Fellows of Harvard College, a corporation of the state of Massachusetts, having its principal place of business at 17 Quincy Street, Cambridge, MA the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

President and Fellows of Harvard College

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

"Stereoselective Ring Opening Reactions"

described in application Serial No. 09/134, 393 filed on August 14, 1998 in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand this _____ day of _____, 1998.

By: _____
Eric N. Jacobsen

Then personally appeared the above-named Eric N. Jacobsen and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 1998.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 1998.

By: _____
Makoto Tokunaga

Then personally appeared the above-named Makoto Tokunaga and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 1998.

Witness signature

Witness Name (please print)

WITNESS my hand this 17th day of SEPTEMBER, 1998.

By: Jay F. Larrow
Jay Larrow

Then personally appeared the above-named Jay Larrow and acknowledged the foregoing instrument to be his free act and deed, before me, this 17th day of September, 1998.

Allison M. Larrow
Witness signature

ALLISON M. LARROW
Witness Name (please print)