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09/21/920

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



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

1. Name of conveying party(ies):

(1) Mark W. Kirschner  
(2) Noriyuki Kinoshita

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

3. Nature of conveyance

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: (1) 09/01/98; (2) 11/18/98

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: 02138

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

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

A. Patent Application No.(s)  
09/121,920

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:

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

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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.*

Matthew P. Vincent, Ph.D.  
Name of Person Signing

Signature

3/9/99  
Date

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

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

PATENT  
REEL: 9809 FRAME: 0323

We, Marc W. Kirschner of Newton, MA and Noriyuki Kinoshita of Tokyo, JAPAN, in consideration of One Dollar and other valuable consideration paid to us by President and Fellows of Harvard College, having its principal place of business at 17 Quincy Street, Cambridge, Massachusetts, 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

**"METHODS FOR CLONING SECRETED PROTEINS "**

described in application Serial No. 09/121,920 filed on 24 July 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: \_\_\_\_\_  
Marc W. Kirschner

Then personally appeared the above-named Marc W. Kirschner 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 18<sup>th</sup> day of November, 1998.

By: *Noriyuki Kinoshita*  
Noriyuki Kinoshita

Then personally appeared the above-named Noriyuki Kinoshita and acknowledged the foregoing instrument to be his free act and deed, before me, this 18<sup>th</sup> day of November, 1998.

*Kinue Niwano*  
Witness signature

Kinue Niwano  
Witness Name (please print)

ASSIGNMENT

HMV  
APV-022.01

We, Marc W. Kirschner of Newton, MA and Noriyuki Kinoshita of Tokyo, JAPAN, in consideration of One Dollar and other valuable consideration paid to us by President and Fellows of Harvard College, having its principal place of business at 17 Quincy Street, Cambridge, Massachusetts, 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

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described in application Serial No. 09/121,920 filed on 24 July 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 1 day of September, 1998.

By: *Marc W. Kirschner*  
Marc W. Kirschner

Then personally appeared the above-named Marc W. Kirschner and acknowledged the foregoing instrument to be his free act and deed, before me, this 1<sup>st</sup> day of September, 1998.

*Ellen Healy*  
Witness signature

ELLEN HEALY  
Witness Name (please print)

ASSIGNMENT: USSN 09/121,920

Page 2

WITNESS my hand this 18th day of November, 1998.

By: *Noriyuki Kinoshita*  
Noriyuki Kinoshita

Then personally appeared the above-named Noriyuki Kinoshita and acknowledged the foregoing instrument to be his free act and deed, before me, this 18th day of November, 1998.

*Kinue Niwano*  
Witness signature

Kinue Niwano  
Witness Name (please print)

316147.1

**UNITED STATES PATENT AND TRADEMARK OFFICE  
BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE**

**LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)**

Isabelle M. Clauss is hereby given limited recognition under 37 CFR § 10.9(b), as an employee of the Foley, Hoag & Eliot, LLP, law firm, to prepare and prosecute patent applications and to represent patent applicants wherein the applicants are clients of the Foley, Hoag & Eliot, LLP, law firm, and wherein a registered practitioner who is a member of the Foley, Hoag & Eliot, LLP, law firm, is the attorney of record. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Isabelle M. Clauss ceases to lawfully reside in the United States, (ii) Isabelle M. Clauss's employment with the Foley, Hoag & Eliot, LLP, law firm, ceases or is terminated, or (iii) Isabelle M. Clauss ceases to remain or reside in the United States on an H-1B visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

**Expires: April 16, 1999**



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Karen L. Bovard, Director  
Office of Enrollment and Discipline