

PATENT ASSIGNMENT

Electronic Version v07

Stylesheet Version v02

SUBMISSION TYPE:	NEW ASSIGNMENT	APPLICATION NUMBER 10/345080															
NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST																
CONVEYING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Frank H. Ruddle</td><td>2003-03-27</td></tr><tr><td>Kenta Sumiyama</td><td>2003-02-25</td></tr><tr><td>Chang-Bae Kim</td><td>2003-03-24</td></tr></tbody></table>						Name	Execution Date	Frank H. Ruddle	2003-03-27	Kenta Sumiyama	2003-02-25	Chang-Bae Kim	2003-03-24				
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<table border="1"><thead><tr><th>Name</th><th>Street Address</th><th>Internal Address</th><th>City</th><th>State/Country</th><th>Postal Code</th></tr></thead><tbody><tr><td>Yale University</td><td>Two Whitney Avenue</td><td></td><td>New Haven</td><td>CONNECTICUT</td><td>06511</td></tr></tbody></table>						Name	Street Address	Internal Address	City	State/Country	Postal Code	Yale University	Two Whitney Avenue		New Haven	CONNECTICUT	06511
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PROPERTY NUMBERS Total: 1																	
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CORRESPONDENCE DATA																	
FAX NUMBER: 617 951-7050																	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.																	
CUSTOMER NUMBER: 028120																	
NAME OF PERSON SIGNING:		Patricia Granahan															
DATE SIGNED:		2003-05-12															
Total Attachments: 4 source=YU-P01-013a.tif source=YU-P01-013b.tif source=YU-P01-013c.tif source=YU-P01-013d.tif																	

CH \$40.00 181945 10345080

PATENT

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REEL: 013648 FRAME: 0184

YU-P01-013

ASSIGNMENT

WHEREAS, the Undersigned have developed certain inventions described in U.S. patent application titled:

AN EFFICIENT CIS-ELEMENT DISCOVERY METHOD USING MULTIPLE SEQUENCE
COMPARISONS BASED ON EVOLUTIONARY RELATIONSHIPS

filed on January 15, 2003, and having the Serial No. 10/345,080, have full right to convey their entire interest, both legal and equitable, in and to said inventions free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, Yale University, ("ASSIGNEE"), a corporation organized and existing under the laws of the State of Connecticut, having principal offices at Two Whitney Avenue, New Haven, Connecticut 06511, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;


NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the Undersigned, the Undersigned hereby sell, assign and transfer unto said ASSIGNEE, its successors and assigns, their entire right, title and interest in and to said invention or inventions, as described in the aforesaid application and all applications resulting therefrom, including any and all divisions, continuations, continuations in part, substitute applications, and reissues or extensions thereof; and all resulting patents.

AND the Undersigned hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns; the Undersigned agrees that the agent of record in said application shall hereinafter act on behalf of said ASSIGNEE.

AND, the Undersigned further agree, without any further payment or compensation by said ASSIGNEE or its successors and assigns, to communicate to said ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; to testify in any interference or other legal proceedings, whenever requested; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to generally do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

The undersigned hereby authorize Ropes & Gray, of One International Place, Boston, MA 02110, to insert hereon any further identification information necessary or desirable for recordation of this document.

WITNESS my hand this 27 day of March, 2003.

By: 
Frank H. Ruddle
341 Willow Street
New Haven, CT

State of Connecticut)
) ss: New Haven
 County of New Haven)

On this the 27 day of March, 2003, before me personally appeared Frank H. Ruddle to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.

My commission expires April 31, 2007



 Notary Public

WITNESS my hand this _____ day of _____, 2003.

By: _____
 Kenta Sumiyama
 750 Whitney Ave, apt #B3
 New Haven, CT

State of Connecticut)
 County of New Haven)

On this the _____ day of _____, 2003, before me personally appeared Kenta Sumiyama to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.

 Notary Public

My commission expires _____

WITNESS my hand this _____ day of _____, 2003.

By: _____
 Chang-Bae Kim
 Genetic Resources Center
 Korea Research Institute of BioScience
 and Biotechnology
 52 Eoun-dong, Yusong-gu
 Daejeon 305-333, Korea

The undersigned hereby authorize Ropes & Gray, of One International Place, Boston, MA 02110, to insert hereon any further identification information necessary or desirable for recordation of this document.

WITNESS my hand this _____ day of _____, 2003.

By: _____

Frank H. Ruddle
341 Willow Street
New Haven, CT

State of Connecticut)
County of New Haven)

On this the _____ day of _____, 2003, before me personally appeared Frank H. Ruddle to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.

Notary Public

My commission expires _____

WITNESS my hand this 25th day of February, 2003.

By: 

Kenta Sumiyama
750 Whitney Ave, apt #B3
New Haven, CT

State of Connecticut)
County of New Haven)

On this the 25th day of February, 2003, before me personally appeared Kenta Sumiyama to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.


Notary Public

My commission expires 9/30/04

State of Connecticut)
) ss: New Haven
 County of New Haven)

On this the _____ day of _____, 2003, before me personally appeared Frank H. Ruddle to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.

 Notary Public

My commission expires _____

WITNESS my hand this _____ day of _____, 2003.

By: _____
 Kenta Sumiyama
 750 Whitney Ave, apt #B3
 New Haven, CT


State of Connecticut)
 County of New Haven)

On this the _____ day of _____, 2003, before me personally appeared Kenta Sumiyama to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.

 Notary Public

My commission expires _____

WITNESS my hand this 24th day of March, 2003.

By: 
 Chang-Bae Kim
 Genetic Resources Center
 Korea Research Institute of BioScience
 and Biotechnology
 52 Eoun-dong, Yusong-gu
 Daejeon 305-333, Korea