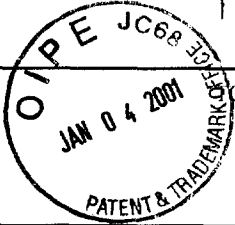


MRD

01-12-2001

1.4.01



Attorney Docket Number  
5914-078-999

101580727

Box Assignment  
Washington, DC 20231

TRADEMARKS

Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>Philip N. Benfey; Yrjo HELARIUTTA; Hidehiro FUKAKI; Keiji NAKAJIMA</p> <p>Additional name(s) of conveying party(ies) attached?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: New York University</p> <p>Address: 70 Washington Square South, New York, NY 10012</p> <p>Country (if other than USA):</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>Dec. 14, 2000; Nov. 22, 2000; Nov. 10, 2000; Nove. 8, 2000</u></p>	

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) \_\_\_\_\_ B. Patent No.(s) \_\_\_\_\_

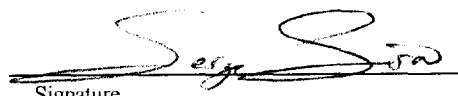
Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>PENNIE &amp; EDMONDS LLP 1667 K Street, N.W. Washington, D.C. 20006</p>	<p>6. Number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41):.....\$ <u>40.00</u> Please charge to the deposit account listed in Section 8.</p> <p>8. Deposit account number: <u>16-1150</u></p>
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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.*

Serge Sira  1-4-2001

Name of Person Signing Reg. No. 39,445      Signature      Date

Total number of pages including cover sheet: 6

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

01/11/2001 DNGUYEN 00000162 161150 09578827  
01 FC:581 40.00 CH

JOINT

ASSIGNMENT

WHEREAS, WE, Philip BENFEY, Yrjo HELARIUTTA, Hidehiro FUKAKI, Keiji NAKAJIMA, ASSIGNORS, citizens of the United States, Finland, Japan and Japan, respectively, residing at 3 Washington Square Village, Apt. 6A, New York, NY 10012; Oskelantie 8 A 5, Helsinki, Finland, FIN-00320 and 14 Washington Place, Apt. 7K, are the inventors of the invention in SHORT-ROOT GENE, PROMOTER, AND USES THEREOF for which we have executed an application for a Patent of the United States

- which is executed on  even date herewith or  \_\_\_\_\_
- which is identified by Pennie & Edmonds LLP docket no. 5914-078-999
- which was filed on May 24, 2000, Application No. 09/578,827

and WHEREAS, New York University, a company in New York, and having a place of business at 70 Washington Square South, New York, New York 10012, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date \_\_\_\_\_, 2000 L.S.

Philip Benfey

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) SS.:

In the State of New York, county of Bronx, on Dec. 14, before me, Cesar A. Grullon Notary Public, personally appeared Philip Benfey, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

CESAR A. GRULLON  
NOTARY PUBLIC, State of New York  
No. 01GR6012008  
Qualified in Bronx County  
Commission Expires Aug 17, 2001

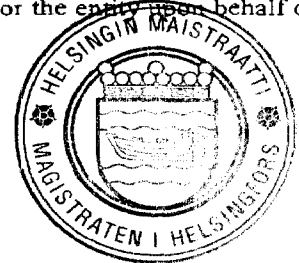
Date NOVEMBER 22, 2000 L.S.

Yrjo Helariutta

State of Finland }  
County of Helsinki } SS.:

On 22nd of November, 2000, before me, Peter Oljemark, Notary Public, personally appeared Yrjo Helariutta, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

  
**PETER OLMEMARK**  
Notary Public

Date \_\_\_\_\_, 2000 L.S.

Hidehiro Fukaki

State of \_\_\_\_\_ }  
County of \_\_\_\_\_ } SS.:

On \_\_\_\_\_, 2000, before me, \_\_\_\_\_, Notary Public, personally appeared Hidehiro Fukaki, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

\_\_\_\_\_

Date \_\_\_\_\_, 2000 L.S.

Keiji Nakajima

State of \_\_\_\_\_ }  
County of \_\_\_\_\_ } SS.:

On \_\_\_\_\_, 2000, before me, \_\_\_\_\_, Notary Public, personally appeared Keiji Nakajima, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

\_\_\_\_\_

Date \_\_\_\_\_, 2000 L.S.

Yrjo Helariutta

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) SS.:

On \_\_\_\_\_, 2000, before me, \_\_\_\_\_, Notary Public, personally appeared Yrjo Helariutta, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Date 11/10, 2000 L.S.

*Hidehiro Fukaki*

Hidehiro Fukaki

State of New York )  
County of New York ) SS.:

On November 10, 2000, before me, A, Notary Public, personally appeared Hidehiro Fukaki, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

*Maureen Valenti*

**MAUREEN VALENTI**  
Notary Public, State of New York  
No. 01VA5014085  
Qualified in Kings County  
Commission Expires July 15, 192001

Date \_\_\_\_\_, 2000 L.S.

Keiji Nakajima

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) SS.:

On \_\_\_\_\_, 2000, before me, \_\_\_\_\_, Notary Public, personally appeared Keiji Nakajima, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Date \_\_\_\_\_, 2000 L.S.

Yrjo Helariutta

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) SS.

On \_\_\_\_\_, 2000, before me, \_\_\_\_\_, Notary Public, personally appeared Yrjo Helariutta, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Date \_\_\_\_\_, 2000 L.S.

Hidehiro Fukaki

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) SS.

On \_\_\_\_\_, 2000, before me, \_\_\_\_\_, Notary Public, personally appeared Hidehiro Fukaki, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

*Keiji Nakajima*

Date November 8, 2000 L.S.

Keiji Nakajima

State of ~~State~~ New York  
County of New York ) SS.

On November 8, 2000, before me, A, Notary Public, personally appeared Keiji Nakajima, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Maureen Valenti

MAUREEN VALENTI  
Notary Public, State of New York  
No. 01VA5044085  
Qualified in Kings County  
Commission Expires July 15, 192001