

03-19-2002

Form PTO-1595

(Rev. 6/93)

OMB No. 0651-0011 (exp. 4/94)



To the Honorable Commission

102020774

1. Name of conveying party(ies):

a) J. Keith Joung, b) Jeffrey Miller, and c) Carl O. Pabo

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

2-27-02

ER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

original documents or copy thereof.

2. Name and address of receiving party(ies)

Name: Massachusetts Institute Of Technology

Internal Address: _____

Street Address: Five Cambridge Center, NE25-230City: Cambridge Country: USA

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

OFFICE OF PATENT RECORDS
2002 FEB 27 PM 2:13
FINANCE SECTION

3. Nature of conveyance:

(x) Assignment

() Merger

() Security Agreement

() Change of Name

() Other

Execution Date: a) 1/08/02, b) 2/13/02, and c) 1/04/02

4. Application number(s) or patent number(s): 09/990,762

If this document is being filed together with a new application, the filing date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? () Yes (X) No

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

Name: Jennifer K. Holmes, Ph.D.Internal Address: Patent GroupFoley, Hoag & Eliot, LLPStreet Address: One Post Office SquareCity: Boston State: MA ZIP: 02109

6. Total number of applications and patents involved: (1)

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

(X) Enclosed

(X) Deficiencies are authorized to be charged to deposit account

8. Deposit account number:

06-1448, Ref.

(Attached 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.

Jennifer K. Holmes - Reg. No. 46,778

Name of Person Signing and Reg. No.

February 20, 2002

Date

Total number of pages including cover sheet, attachments, and document: (6)

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

03/18/2002 GT0N11 00000051 09990762

01 FC:581

40.00 DP

20/489758.1

PATENT
REEL: 012675 FRAME: 0291

ASSIGNMENT

WHEREAS, we, J. Keith Joung of Winchester, MA, Jeffrey Miller of Cambridge, MA and Carl O. Pabo of Newton, MA have developed certain inventions described in a patent application entitled **Methods And Compositions For Interaction Trap Assays**, filed on **November 14, 2001** and having U.S. Application No. **09/990,762**, having full right to convey their entire right, title and 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, Massachusetts Institute Of Technology ("Assignee"), of Five Cambridge Center, NE25-230, Cambridge, MA, a corporation of the State of Massachusetts, 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 One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the undersigned, the undersigned do hereby sell, assign, transfer and set over unto said Assignee, its successors and assigns, their entire right, title and interest throughout the world in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; 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 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; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and 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.

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

By: _____
J. Keith Joung

Then personally appeared the above-named J. Keith Joung and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2002.

Witness signature

Witness Name (please print)

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

By: Jeffrey C. Miller
Jeffrey Miller

Then personally appeared the above-named Jeffrey Miller and acknowledged the foregoing instrument to be his free act and deed, before me, this 13th day of February, 2002.

Gwen Wilmes
Witness signature

Gwen Wilmes
Witness Name (please print)

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

By: _____
Carl O. Pabo

Then personally appeared the above-named Carl O. Pabo and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2002.

Witness signature

Witness Name (please print)

ASSIGNMENT

WHEREAS, we, J. Keith Joung of Winchester, MA, Jeffrey Miller of Cambridge, MA and Carl O. Pabo of Newton, MA have developed certain inventions described in a patent application entitled **Methods And Compositions For Interaction Trap Assays**, filed on **November 14, 2001** and having U.S. Application No. **09/990,762**, having full right to convey their entire right, title and 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

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NOW, THEREFORE, in consideration 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 do hereby sell, assign, transfer and set over unto said Assignee, its successors and assigns, their entire right, title and interest throughout the world in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; 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 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; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and 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.

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

By: 
J. Keith Joung

Then personally appeared the above-named J. Keith Joung and acknowledged the foregoing instrument to be his free act and deed, before me, this 8th day of January, 2002


Witness signature

Susan G. Smith
Witness Name (please print)

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

By: _____
Jeffrey Miller

Then personally appeared the above-named Jeffrey Miller and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

By: _____
Carl O. Pabo

Then personally appeared the above-named Carl O. Pabo and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

ASSIGNMENT

WHEREAS, we, J. Keith Joung of Winchester, MA, Jeffrey Miller of Cambridge, MA and Carl O. Pabo of Newton, MA have developed certain inventions described in a patent application entitled **Methods And Compositions For Interaction Trap Assays**, filed on **November 14, 2001** and having U.S. Application No. **09/990,762**, having full right to convey their entire right, title and 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

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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; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and 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.

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

By: _____
J. Keith Joung

Then personally appeared the above-named J. Keith Joung and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

By: _____
Jeffrey Miller

Then personally appeared the above-named Jeffrey Miller and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

By: Carl O. Pabo
Carl O. Pabo

Then personally appeared the above-named Carl O. Pabo and acknowledged the foregoing instrument to be his free act and deed, before me, this 4th day of

January, ~~2001~~. 2002

Sean Brennan
Witness signature

Sean Brennan
Witness Name (please print)