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To the Director of the U.S. Patents and Trademark Office

ents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Robert M. Weis  
Anthony L. Shrout  
David J. Montefusco

Execution Date(s) 02/22/2005

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

2. Name and address of receiving party(ies)

Name: University of Massachusetts

Internal Address: One Beacon Street

Boston, MA 02108

Street Address: One Beacon Street

City: Boston

State: MA

Country: United States Zip: 02108

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

A. Patent Application No.(s)  
10/967,107

☐ This document is being filed together with a new application.

B. Patent No.(s)

03/15/2005 H8UTENA1 00000029 10967107

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40.00 OP

Additional numbers attached? ☐ Yes ☒ No

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

Name: Antonia M. Holland, Esq.

Internal Address: 1000 North Water Street, Suite 2100

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City: Milwaukee

State: WI Zip: 53202

Phone Number : 414-298-8285

Fax Number: 414-298-8097

Email Address: aholland@reinhardtllaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

9. Signature :

Antonia M. Holland

Signature

March 11, 2005

Date

Antonia M. Holland

Total number of pages including cover sheet, attachments, and documents 4

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

MW\1178501AMH:DMM 03/10/05

PATENT  
REEL: 016365 FRAME: 0587

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to each ASSIGNOR identified below of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

(inventor(s) or Robert M. Weis ("ASSIGNOR")  
(Type or print name(s) of ASSIGNOR(S))

person(s) or entity(ies)  
who own the invention)

Inventor

Address:

604 Main Street

Amherst, MA 01002-2410

(Nationality) U.S.

(inventor(s) or

Anthony L. Shrout

(Type or print name(s) of ASSIGNOR(S))

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Northampton, MA 01060

(Nationality) U.S.

(inventor(s) or

David J. Montefusco

(Type or print name(s) of ASSIGNOR(S))

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who own the invention)

Address:

91 Crescent St. Apt. 9

Northampton, MA 01060

(Nationality) U.S.

*(If assignment is by person or entity to whom invention was previously assigned  
and this was recorded in PTO add the following)*

MW\1170540

Recorded on \_\_\_\_\_  
Reel \_\_\_\_\_  
Frame \_\_\_\_\_  
hereby sells, assigns and transfers to

**ASSIGNEE:**

\_\_\_\_\_  
University of Massachusetts  
\_\_\_\_\_  
One Beacon Street  
\_\_\_\_\_  
Boston, MA 02108  
  
\_\_\_\_\_  
United States  
\_\_\_\_\_  
(Domicile or Nationality)

and the successors, assigns and legal representatives of the ASSIGNEE  
(complete one of the following)

- ☒ the entire right, title and interest  
☐ an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest  
for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority,  
in and to any and all improvements which are disclosed in the invention entitled:

**TEMPLATE-DIRECTED ASSEMBLY OF RECEPTOR SIGNALING  
COMPLEXES**

(check and complete (a), (b), (c) or (d))

and which is found in

- (a) ☐ U.S. patent application executed on even date herewith  
(b) ☐ U.S. patent application executed on \_\_\_\_\_  
☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an  
ASSIGNOR signing below, hereby authorize and request my attorney, as  
named in the Declaration and Power of Attorney I executed for this  
invention on the execution date stated above, to insert below the  
filing date and application number when it becomes known.  
(c) ☒ U.S. application serial no. 10/967,107 filed on 10/15/2004

(d) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

*(also check (e) if foreign application(s) is also being assigned)*

(e) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof


ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

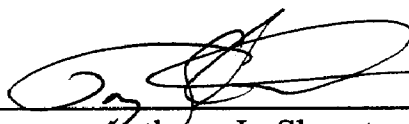
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

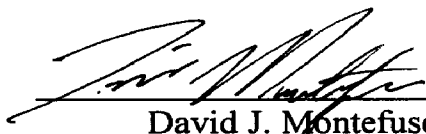
IN WITNESS WHEREOF, I/We have hereunto set hand the date indicated below.

*WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.*

Signature of ASSIGNOR(S)

  
Robert M. Weis  
2/22/05  
(Date)

  
Anthony L. Shrout  
2/22/05  
(Date)

  
David J. Montefusco  
2/22/05  
(Date)