

11-04-2002

Docket No. P-IS 5155

Form **PTOL-595** [C&F Aug. 9, 2002] **RI**



U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)

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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) Alan Aderem
- 2) Fumitaka Hayashi
- 3) Kelly D. Smith
- 4) David M. Underhill

10.29.02

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

2. Name and address of receiving party(ies)

Name: THE INSTITUTE FOR SYSTEMS BIOLOGY

Internal Address: _____

Street Address: 1441 North 34th Street

City: Seattle State: WA Zip: 98103

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 1) 10/21/02, 2) 8/21/02, 3-5) 8/15/02

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) 10/125,692

B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: Campbell & Flores LLP

Internal Address: _____

Street Address: 4370 La Jolla Village Drive

7th Floor

City: San Diego State: CA Zip: 92122

6. Total number of applications and patents involved: 1

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

Enclosed Any excess or insufficiency should be credited or debited to the deposit account below

Authorized to be charged to deposit account
Attach duplicate copy of this page if paying by deposit account

8. Deposit account number:

03-0370

DO NOT USE THIS SPACE

9. Signature.

Name: Pamela M. Guy

Reg. No. 51,228

Person Signing

Pamela M. Guy
Signature

October 28, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 9

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

10/31/2002 WABDE_R1 00000123 10125692

40.00 DP

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Docket No.: P-IS 5155
Serial No.: 10/125,692

Additional Page for Recordation Form Cover Sheet

In Section 1. Name of Conveying Parties:

5) Adrian Ozinsky

ASSIGNMENT

This Assignment is made by Alan Aderem, Adrian Ozinsky, Kelly D. Smith and David M. Underhill, all of Seattle, Washington, and Fumitaka Hayashi of North Quincy, Massachusetts, Assignors, to THE INSTITUTE FOR SYSTEMS BIOLOGY, Assignee, having a place of business at 1441 North 34th Street, Seattle, Washington.

WHEREAS, Assignors have invented new and useful TOLL-LIKE RECEPTOR 5 LIGANDS AND METHODS OF USE for which an application for United States Letters Patent was filed on April 17, 2002, in the United States Patent and Trademark Office, bearing Serial No. 10/125,692 and identified as Attorney Docket No: P-IS 5155, and for which an international application was filed in a receiving office for the Patent Cooperation Treaty on July 20, 2001, bearing Serial No. PCT/US01/22978, and identified as Attorney Docket No. FP-IS 4860.

WHEREAS, Assignors believe themselves to be the original inventors of the invention disclosed and claimed in said application for Letters Patent; and

WHEREAS, the parties desire to have a recordable instrument assigning an undivided part interest of Assignors' right, title and interest in and to said invention, said application and any Letters Patent that may be granted for said invention in the United States and throughout the world;

WHEREAS, Assignor is simultaneously assigning an undivided part interest in and to said invention to the UNIVERSITY OF WASHINGTON, these two assignments constituting an assignment of the entirety of Assignor's right, title and interest in and to said inventor;

Inventors: Aderem et al.
Serial No.: 10/125,692
Filed: April 17, 2002
Page 2

NOW, THEREFORE, in accordance with the obligations to assign the invention and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors sell, assign, and transfer to Assignee, an undivided part interest of Assignors' right, title, and interest in and to said invention, said application, any applications entitled to benefit of priority to said application under Title 35, United States Code, Sections 120, 121 or 251, which include divisionals, continuations and reissues, and any Letters Patent that may be granted on said invention or these applications and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and their legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said invention, said application, and any Letters Patent granted for said invention in the United States and throughout the world.

Inventors: Aderem et al.
Serial No.: 10/125,692
Filed: April 17, 2002
Page 3

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights as stated herein.

Assignors authorize and request that any United States or foreign Letters Patent granted for said invention, whether on said application or on any subsequently filed divisional, continuation or reissue application, be issued to Assignee, its successors and assigns, as the assignee of an undivided part interest of Assignors interest in said invention.

IN WITNESS WHEREOF, Assignors have executed this Assignment on the date(s) provided below.

Assignor: Alan Aderem

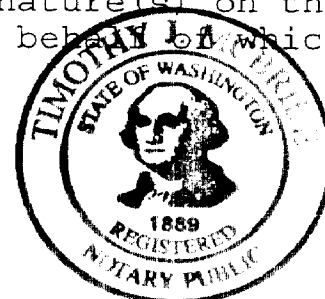
AA AA 10/21/2002
Signature Date

STATE OF Washington)
COUNTY OF King)

On 21 Oct 02, before me, Timothy J. McBride,
personally appeared Alan Aderem,
 personally known to me - OR - ___ proved to me on the basis
of satisfactory evidence to be the person(s) whose name(s) is/are
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 by hand and official seal.

Timothy J. McBride
(Signature of Notary)



EXPIRES 09/01/2004

Inventors: Aderem et al.
Serial No.: 10/125,692
Filed: April 17, 2002
Page 5

Assignor: Kelly D. Smith

Kelly D. Smith 8/15/02
Signature Date

STATE OF Washington)
COUNTY OF King)

On 8/15/02, before me, Twana Johnson
personally appeared KELLY SMITH,
 personally known to me - OR - proved to me on the basis
of satisfactory evidence to be the person(s) whose name(s) is/are
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 by hand and official seal.

Twana Johnson
(Signature of Notary)



EXPIRES: 09/01/2004

Inventors: Aderem et al.
Serial No.: 10/125,692
Filed: April 17, 2002
Page 6

Assignor: David M. Underhill

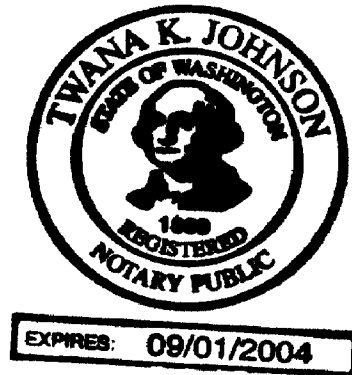
D. M. Underhill 8/15/02
Signature Date

STATE OF Washington)
COUNTY OF King)

On 8/15/02, before me, Twana Johnson
personally appeared DAVID UNDERHILL,
 personally known to me - OR - proved to me on the basis
of satisfactory evidence to be the person(s) whose name(s) is/are
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 by hand and official seal.

Twana Johnson
(Signature of Notary)



Inventors: Aderem et al.
Serial No.: 10/125,692
Filed: April 17, 2002
Page 7

Assignor: Adrian Ozinsky

Adrian Ozinsky
Signature Date 8/15/02

STATE OF Washington)
COUNTY OF King)

On 8/15/02, before me, Twana Johnson
personally appeared ADRIAN OZINSKY,
 personally known to me - OR - ___ proved to me on the basis
of satisfactory evidence to be the person(s) whose name(s) is/are
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 by hand and official seal.

Twana Johnson
(Signature of Notary)



EXPIRES: 09/01/2004