PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| Rajendra Kumar-Singh | 08/10/2010 |
| Siobhan Cashman | 08/10/2010 |
| Kasmir Ramo | 09/03/2010 |

RECEIVING PARTY DATA

| Name: | Tufts University |
|-----------------|---------------------|
| Street Address: | 136 Harrison Avenue |
| City: | Boston |
| State/Country: | MASSACHUSETTS |
| Postal Code: | 02111 |

PROPERTY NUMBERS Total: 5

| Property Type | Number |
|---------------------|-----------|
| Application Number: | 61066062 |
| Application Number: | 61066288 |
| Application Number: | 61070650 |
| PCT Number: | US0900947 |
| Application Number: | 12867566 |

CORRESPONDENCE DATA

Fax Number: (617)439-3987

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 617-439-4990

Email: Ishapiro@lawson-weitzen.com

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Address Line 1: 88 Black Falcon Avenue

Address Line 2: Suite 345

Address Line 4: Boston, MASSACHUSETTS 02210

PATENT

REEL: 024974 FRAME: 0056

OF \$200.00 61066062

501288000

| ATTORNEY DOCKET NUMBER: | 34724-076US (765) |
|---|-------------------|
| NAME OF SUBMITTER: | Sonia K. Guterman |
| Total Attachments: 6 source=AssignmentKumarSinghCashman#page1.tif source=AssignmentKumarSinghCashman#page2.tif source=AssignmentKumarSinghCashman#page3.tif source=AssignmentRamo#page1.tif source=AssignmentRamo#page2.tif source=AssignmentRamo#page3.tif | |

PATENT REEL: 024974 FRAME: 0057

ASSIGNMENT

ASSIGNORS: Rajendra Kumar-Singh

Siobhan Cashman Kasmir Ramo

ASSIGNEE: Tufts University

136 Harrison Avenue Boston, MA 02111

STATE OF INCORPORATION

OF ASSIGNEE: Massachusetts

<u>INVENTION:</u> A humanized model of membrane attack complex (MAC)

formation on murine retina and compositions, kits and

methods for treatment of macular degeneration

PROVISIONAL APPLICATIONS: 61/066,062 filed February 15, 2008

Attorney docket 34724-066

61/066,288 filed February 19, 2008

Attorney docket 34724-068

61/070,650 filed March 25, 2008 Attorney docket 34724-070

<u>INTERNATIONAL</u>

PCT/US2009/000947 filed February 13, 2009

<u>APPLICATION</u>:

Attorney docket 34724-076

<u>UTILITY APPLICATION:</u>

12/867, 566 filed August <u>/3</u>, 2010 Attorney docket 34724-076 US (765)

Assignor is a joint inventor of the above invention (the "Invention") described in United States provisional patent applications, an International patent application, and a United States utility patent application (the "Applications") bearing the U.S. Patent and Trademark Office serial numbers and filing dates as indicated above, and an International serial number and filing date as indicated above, and having as a title the above name for the Invention.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Applications and all priority rights arising therefrom, and any patents and any reissues and extensions thereof, which issue in any country upon any patent applications, which correspond with any of the

PATENT72.9 74 REEL: 024974 FRAME: 0058 following: the Applications, any divisional, continuation-in-whole, or substitute United States application which is based on the Applications; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefore) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefore, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto to Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the terms of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set

forth below.

Date: Aug 10 2010

Rajendra Kumar-Singh, Assignor

STATE/COMMONWEALTH OF: Massachusette

COUNTY OF: Suffolk

Before me, a notary public in and for said county and state, personally appeared Rajendra Kumar-Singh, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

(seal)

THOMAS J. McVARISH My commission expires:

NOTARY PUBLIC COMMONWEALTH OF MASSACHUSETTS My commission expires on October 4, 2013

PATENT A

REEL: 024974 FRAME: 0059

| IN WITNESS WHEREOF, each Assignor h | ereby executes this instrument on the date set |
|--|--|
| forth below. | 0 |
| Date: $8/10/10$ | Sich |
| 1 | Siobhan Cashman, Assignor |
| STATE/COMMONWEALTH OF: Massack | usetts |
| STATE/COMMONWEALTH OF: Massach COUNTY OF: Suffolk | |
| Cashman, to me known to be the person described duly sworn, acknowledged her signature on the fore declared the same to be her free act and deed on the (seal) | going instrument in my presence and |
| | ereby executes this instrument on the date set |
| forth below. | yunit |
| Date: | |
| Date. | Kasmir Ramo, Assignor |
| STATE/COMMONWEALTH OF: | |
| COUNTY OF: | |
| Before me, a notary public in and for said county and state, personally appeared Kasmir Ramo , to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature. | |
| (seal) | Notary Public My commission expires: |

PATENT 760 765 REEL: 024974 FRAME: 0060

ASSIGNMENT

ASSIGNORS:

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Rajendra Kumar-Singh

Siobhan Cashman Kasmir Ramo

ASSIGNEE:

Tufts University 136 Harrison Avenue Boston, MA 02111

STATE OF INCORPORATION

OF ASSIGNEE:

Massachusetts

INVENTION:

A humanized model of membrane attack complex (MAC) formation on murine retina and compositions, kits and

methods for treatment of macular degeneration

PROVISIONAL APPLICATIONS:

61/066,062 filed February 15, 2008

Attorney docket 34724-066

61/066,288 filed February 19, 2008

Attorney docket 34724-068

61/070,650 filed March 25, 2008

Attorney docket 34724-070

INTERNATIONAL

PCT/US2009/000947 filed February 13, 2009

APPLICATION:

Attorney docket 34724-076

UTILITY APPLICATION:

12/867, 566 filed August 13, 2010

Attorney docket 34724-076 US (765)

Assignor is a joint inventor of the above invention (the "Invention") described in United States provisional patent applications, an International patent application, and a United States utility patent application (the "Applications") bearing the U.S. Patent and Trademark Office serial numbers and filing dates as indicated above, and an International serial number and filing date as indicated above, and having as a title the above name for the Invention.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Applications and all priority rights arising therefrom, and any patents and any reissues and extensions thereof, which issue in any country upon any patent applications, which correspond with any of the

I/3

Serial numbers: 61/066,062, 61/066,288, 61/070,650, PCT/US2009/000947, 12/867, 566

PATENT

following: the Applications, any divisional, continuation-in-whole, or substitute United States application which is based on the Applications; or any continuation-in-part United States application (including divisions, continuations-in-whole or –in-part, and substitutions thereof or therefore) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefore, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto to Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the terms of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

| IN WITNESS WHEREOF, each Assignor he | ereby executes this instrument on the date set forth |
|--|--|
| below. | |
| Date: | |
| | Rajendra Kumar-Singh, Assignor |
| STATE/COMMONWEALTH OF: | |
| COUNTY OF: | |
| Kumar-Singh, to me known to be the person first duly sworn, acknowledged his signature | unty and state, personally appeared Rajendra n described in the foregoing instrument, who, being on the foregoing instrument in my presence and on the date written above opposite his signature. |
| (seal) Serial numbers: 6 | Notary Public My commission expires: 61/066,062, 61/066,288, 61/070,650, PCT/US2009/000947, 12/367, 566 |

| IN WITNESS WHEREOF, each Assign | nor hereby executes this instrument on the date set forth |
|---|---|
| below. | |
| Date: | |
| | Siobhan Cashman, Assignor |
| STATE/COMMONWEALTH OF: | |
| COUNTY OF: | |
| Cashman, to me known to be the perso duly sworn, acknowledged her signatur | aid county and state, personally appeared Siobhan on described in the foregoing instrument, who, being first e on the foregoing instrument in my presence and deed on the date written above opposite his signature. |
| | Notary Public |
| (seal) | My commission expires: |
| IN WITNESS WHEREOF, each Assignabelow. Date: 9-3-20/0 | nor hereby executes this instrument on the date set forth Land Reconstruction Kasmir Ramo, Assignor |
| STATE/COMMONWEALTH OF: | |
| COUNTY OF: | |
| to me known to be the person described | id county and state, personally appeared Kasmir Ramo , I in the foregoing instrument, who, being first duly sworn, going instrument in my presence and declared the same to tten above opposite his signature. |
| (seal) | Qiel ann Mandrew — Notary Public My commission expires: 1/14/2011 |
| | |

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RECORDED: 09/13/2010