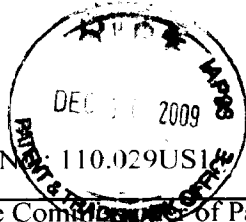


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12-15-2009



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Patent and Trademark Office

Atty Ref/Docket No. 110.029US1

To the Honorable Commissioner of Patents and Trademarks

original documents or copy thereof.

1. Name of conveying party(ies):

Martin J. Cannon, Kellie L. Kozak Vaidya, Timothy J. O'Brien

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Dates: October 19, 2009; October 26, 2009; and November 6, 2009.

2. Name and address of receiving party(ies):

Name: The Board of Trustees of the University of Arkansas

Street Address: 2404 North University Ave.

City: Little Rock State: AR Zip: 72207

Additional name (s) & address(es) attached?

[] Yes [X] No

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 Number(s) 12/286,122

B. Patent Number(s)

Additional numbers attached? [] Yes [X] No

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

Name: Hugh McTavish

Address: McTavish Patent Firm
429 Birchwood Courts
Birchwood, MN 55110

6. Total number of applications and patents involved: 1

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

Enclosed

Authorized to be charged to deposit account

8. Please charge any additional fees or credit any over payments to our Deposit account number: 50-4649

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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.

Hugh McTavish / Reg. No. 48,341

Name of Person Signing

Hugh McTavish
Signature

12/6/09
Date

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PATENT

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ASSIGNMENT OF INVENTION AND PATENT APPLICATION

Docket No.: 110.029US1
Inventors: Martin J. Cannon, Kellie L. Kozak, and Timothy J. O'Brien
Title: INHIBITION OF DENDRITIC CELL-DRIVEN REGULATORY T CELL ACTIVATION AND POTENTIATION OF TUMOR ANTIGEN-SPECIFIC T CELL RESPONSES BY INTERLEUKIN-15
Serial No. 12/286,122
Filed: September 27, 2008

I, Martin J. Cannon, hereafter referred to as Assignor, have invented certain new and useful improvements, for which the above-referenced United States Utility Patent Application has been filed; and

The Board of Trustees of the University of Arkansas, hereinafter referred to as assignee, whose mailing address is 2404 University Ave., Little Rock, AR 72207, USA, desires to acquire all rights in and to the Patent Application and the patent (and any divisions, continuations, continuations-in-part, reissues, extensions, foreign patent applications, and foreign patents) that may be granted.

Therefore, in consideration of the sum of one dollar and other good and valuable consideration, the receipt of which is acknowledged, I the Assignor assign to the Assignee, its successors and assigns, all right, title, and interest in the invention and Patent Application (as well as such rights in any divisions, continuations, or substitute applications) and in any and all Letters Patent and reissues and extensions thereof, of the United States of America and all countries foreign thereto (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise) which have been or may be granted on any of the foregoing to be held and enjoyed as fully and exclusively as they would have been by me had this assignment not been made.

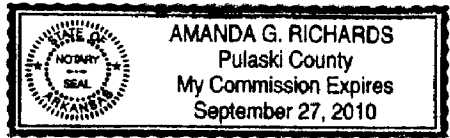
The Assignor authorizes the United States Patent and Trademark Office to issue any Patents resulting from the Patent Application to the Assignee. The right, title, and interest is to be held and enjoyed by the Assignee and the Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by the Assignor had this assignment not been made.

I, the Assignor, do further agree for myself and for my heirs, executors and administrators, to: (a) cooperate with the Assignee in the prosecution of the Application and foreign counterparts; (b) execute, verify, acknowledge, and deliver all such further papers, including patent applications and instruments of transfer; and (c) perform such other acts as the Assignee lawfully may request to obtain or maintain the patent for the invention in any and all countries.

Assignor, Martin J. Cannon (signature) 10/19/2009 Date

Subscribed and sworn before me this 19th day of October, 2009, in the county of Pulaski, in the state of Arkansas.

Notary Public (signature) Amanda G. Richards



ASSIGNMENT OF INVENTION AND PATENT APPLICATION

Docket No.: 110.029US1
Inventors: Martin J. Cannon, Kellie L. Kozak Vaidya, and Timothy J. O'Brien
Title: INHIBITION OF DENDRITIC CELL-DRIVEN REGULATORY T CELL ACTIVATION AND POTENTIATION OF TUMOR ANTIGEN-SPECIFIC T CELL RESPONSES BY INTERLEUKIN-15
Serial No. 12/286,122
Filed: September 27, 2008

I, Kellie L. Kozak Vaidya, hereafter referred to as Assignor, have invented certain new and useful improvements, for which the above-referenced United States Utility Patent Application has been filed; and

The Board of Trustees of the University of Arkansas, hereinafter referred to as assignee, whose mailing address is 2404 University Ave., Little Rock, AR 72207, USA, desires to acquire all rights in and to the Patent Application and the patent (and any divisions, continuations, continuations-in-part, reissues, extensions, foreign patent applications, and foreign patents) that may be granted.

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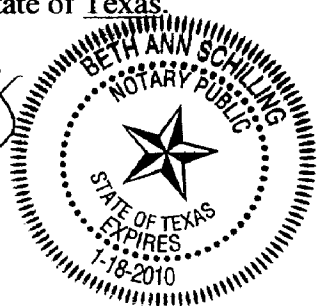
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I, the Assignor, do further agree for myself and for my heirs, executors and administrators, to: (a) cooperate with the Assignee in the prosecution of the Application and foreign counterparts; (b) execute, verify, acknowledge, and deliver all such further papers, including patent applications and instruments of transfer; and (c) perform such other acts as the Assignee lawfully may request to obtain or maintain the patent for the invention in any and all countries.

Handwritten signature of Kellie L. Kozak Vaidya and date 10/26/09.
Assignor, Kellie L. Kozak Vaidya Date

Subscribed and sworn before me this 26th day of October, 2009, in the county of Galveston, in the state of Texas.

Handwritten signature of Beth Ann Schilling
NOTARY PUBLIC



ASSIGNMENT OF INVENTION AND PATENT APPLICATION

Docket No.: 110.029US1
Inventors: Martin J. Cannon, Kellie L. Kozak, and Timothy J. O'Brien
Title: INHIBITION OF DENDRITIC CELL-DRIVEN REGULATORY T CELL ACTIVATION AND POTENTIATION OF TUMOR ANTIGEN-SPECIFIC T CELL RESPONSES BY INTERLEUKIN-15
Serial No. 12/286,122
Filed: September 27, 2008

I, Timothy J. O'Brien, hereafter referred to as Assignor, have invented certain new and useful improvements, for which the above-referenced United States Utility Patent Application has been filed; and

The Board of Trustees of the University of Arkansas, hereinafter referred to as assignee, whose mailing address is 2404 University Ave., Little Rock, AR 72207, USA, desires to acquire all rights in and to the Patent Application and the patent (and any divisions, continuations, continuations-in-part, reissues, extensions, foreign patent applications, and foreign patents) that may be granted.

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The Assignor authorizes the United States Patent and Trademark Office to issue any Patents resulting from the Patent Application to the Assignee. The right, title, and interest is to be held and enjoyed by the Assignee and the Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by the Assignor had this assignment not been made.

I, the Assignor, do further agree for myself and for my heirs, executors and administrators, to: (a) cooperate with the Assignee in the prosecution of the Application and foreign counterparts; (b) execute, verify, acknowledge, and deliver all such further papers, including patent applications and instruments of transfer; and (c) perform such other acts as the Assignee lawfully may request to obtain or maintain the patent for the invention in any and all countries.

Handwritten signature of Timothy J. O'Brien and date 11/6/2009.
Assignor, Timothy J. O'Brien Date

Subscribed and sworn before me this 6th day of November, 2009, in the county of Pulaski, in the state of Arkansas.

Handwritten signature of Amanda G. Richards
NOTARY PUBLIC

