

01-05-2007



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PATENTS ONLY

Our Ref.: 1579-1093

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 1 Beatrice H. HAHN 5 Julie DECKER 2 George M. SHAW 3 Denise KOTHE 4 Ying Ying LI Additional name/s of conveying party/ies attached? <input type="checkbox"/> 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: March 9, 2006, March 8, 2006, March 9, 2006, March 9, 2006 & March 9, 2006		2. Name and address of receiving party(ies): 1) Name: The University of Alabama at Birmingham Research Foundation Street Address: 701 20 th Street, South, #1120G AB City: Birmingham State/Country: Alabama Zip: 35294-0111 2) Name Street Address: City: State: Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application. A. Patent Application No(s). (1) 10/572,638 (2) (3) Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		B. Patent No(s). (1) (2) (3)	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Mary J. Wilson Internal Address: Street Address: Nixon & Vanderhye P.C. 901 North Glebe Road 11th Floor City: Arlington State: VA Zip: 22203		6. Total number of applications & patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.	

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9. Statements 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. _____ Mary J. Wilson Name of Person Signing Reg. No. 32,955 _____ Mary J. Wilson Signature _____ December 22, 2006 Date Total number of pages including original cover sheet, attachments, and document: [4]		
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PATENT
REEL: 018743 FRAME: 0911

A S S I G N M E N T
of U.S. Origin Patent Application

- 1) Beatrice H. HAHN
- 2) George M. SHAW
- 3) Denise KOTHE
- 4) Ying Ying LI
- 5) Julie DECKER

(hereinafter collectively ASSIGNOR), together with Barton F. HAYNES, Feng GAO, Bette T. KORBER and Hua-Xin LIAO, have made an invention known as Dkt. 01579-1093 and entitled:

CONSENSUS/ANCESTRAL IMMUNOGENS for which an application for Letters Patent of the United States

☐ was executed even date herewith and is about to be filed in the United States Patent and Trademark Office;

☒ was filed on _____, U.S. Application No. _____, which is a 371 of International Patent Application No. PCT/US2004/030397, filed September 17, 2004, which claims priority from U.S. Provisional Application No. 60/503,460, filed September 17, 2003 and U.S. Provisional Application No. 60/604,722, filed August 27, 2004;

AND WHEREAS THE UNIVERSITY OF ALABAMA AT BIRMINGHAM RESEARCH FOUNDATION, 701 20th Street, South, #1120G AB, Birmingham, Alabama 35294-0111;

(hereinafter ASSIGNEE), desires to acquire an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and

sufficiency of which are hereby acknowledged, the said ASSIGNOR, does hereby sell, assign and transfer unto ASSIGNEE, its entire right, title and interest to the said invention in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, and foreign counterparts thereof, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

The undersigned hereby authorize(s) Nixon & Vanderhye P.C. of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

1050593

Executed on the date(s) below indicated.

Signature

Date Signed

Witness

1)

Beatrice H. HAHN

3/09/06

Jennifer B. Wilson

2)

George M. SHAW

For himself and as agent for
Howard Hughes Medical Institute

3/08/06

Jennifer B. Wilson

3)

Denise KOTHE

3/09/06

Jennifer B. Wilson

4)

Ying Ying LI

3/09/06

Jennifer B. Wilson

5)

Julie DECKER

3/09/06

Jennifer B. Wilson

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RECORDED: 12/22/2006

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