



06-04-2004



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**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

New 5/28/04

Resubmission (Non-Recordation)  
Document ID#

Correction of PTO Error  
Reel #  Frame #

Corrective Document  
Reel #  Frame #

**Conveyance Type**

Assignment  Security Agreement

License  Change of Name

Merger  Other

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

Departmental File  Secret File

**Conveying Party(ies)**

Mark if additional names of conveying parties attached Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

**Second Party**

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

**Receiving Party**

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Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)     
City State/Country Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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Mail documents to be recorded with required cover sheet(s) information to:

Mail Stop Assignment Recordation Services, Director of the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

**PATENT**

**REEL: 015404 FRAME: 0355**

**Correspondent Name and Address**

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments. #

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

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**Number of Properties**

Enter the total number of properties involved. #

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed  Deposit Account

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes  No

**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. Charges to deposit account are authorized, as indicated herein.*

Christina L. Mangelsen, Patent Agent

Name of Person Signing

  
Signature

05/26/2004

Date

# RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

## Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

## Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)  City  State/Country  Zip Code

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## Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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ATTORNEY DOCKET NO: CXU-407**JOINT INVENTION ASSIGNMENT OF WORLDWIDE RIGHTS**

**WHEREAS**, we, Thomas R. Scott, a citizen of the United States, residing at 183 Will Owen Drive, Central, South Carolina 29630; Heather P. Borick, , a citizen of the United States, residing at 208 Edgewood Drive, Clemson, South Carolina 29631; Ginger A. Swire-Clark, a citizen of the United States, residing at 205 Wild Wing Way, Easley, South Carolina 29642; William R. Marcotte, Jr., a citizen of the United States, residing at 1011 Challedon Way, Pendleton, South Carolina 29670-9750; and Ashby B. Bodine, a citizen of the United States, residing at 905 Berkeley Drive, Clemson, South Carolina 29631, as assignors, have made an invention entitled **NOVEL IMMUNOTHERAPY** as described in a patent application for U.S. Letters Patent, bearing U.S. Serial No. 10/817,423 which was filed in the U.S. Patent and Trademark Office on April 2, 2004; and

**WHEREAS**, CLEMSON UNIVERSITY, a body politic and corporate under the laws of the State of South Carolina, whose Post Office Address is Clemson University, Clemson, South Carolina, 29631; as assignee, is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

**NOW, THEREFORE**, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all

divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Agreement.

**AND, WE HEREBY** covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

**AND, WE HEREBY** further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

*Thomas R. Scott*

Signature of First Inventor

Thomas R. Scott

Date: May 3, 2004

STATE OF South CAROLINA

COUNTY OF PICKENS

SWORN TO AND SUBSCRIBED before me  
this 3<sup>rd</sup> day of May, 2004.

*Jean B. Dickson*

NOTARY PUBLIC FOR: South CAROLINA

MY COMMISSION EXPIRES: 07/06/09

*Heather P. Borick*

Signature of Second Inventor

Heather P. Borick

Date: May 3, 2004

STATE OF South CAROLINA

COUNTY OF PICKENS

SWORN TO AND SUBSCRIBED before me  
this 3<sup>rd</sup> day of May, 2004.

*Jean B. Dickson*

NOTARY PUBLIC FOR: South CAROLINA

MY COMMISSION EXPIRES: 07/06/09

*Ginger A. Swire-Clark*

Signature of Third Inventor

Ginger A. Swire-Clark

Date: May 3, 2004

STATE OF South CAROLINA

COUNTY OF PICKENS

SWORN TO AND SUBSCRIBED before me  
this 3<sup>rd</sup> day of May, 2004.

*Jean B. Dickson*

NOTARY PUBLIC FOR: South CAROLINA

MY COMMISSION EXPIRES: 07/06/09

*William R. Marcotte, Jr.*

Signature of Fourth Inventor

William R. Marcotte, Jr.

Date: May 2, 2004

STATE OF South Carolina)

COUNTY OF PICKENS)

SWORN TO AND SUBSCRIBED before me  
this 2<sup>nd</sup> day of May, 2004.

*Jean B. Dickson*

NOTARY PUBLIC FOR: SOUTH CAROLINA

MY COMMISSION EXPIRES: 07/06/09

*Ashby B. Bodine*

Signature of Fifth Inventor

Ashby B. Bodine

Date: 2 May 04

STATE OF South Carolina)

COUNTY OF PICKENS)

SWORN TO AND SUBSCRIBED before me  
this 2<sup>nd</sup> day of May, 2004.

*Jean B. Dickson*

NOTARY PUBLIC FOR: SOUTH CAROLINA

MY COMMISSION EXPIRES: 07/06/09