

Attorney Docket No.: 46406-204682 [O-2854US]

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to the undersigned INVENTOR(S) (the Assignors), the undersigned hereby sell and assign their entire right, title and interest to THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA (the Assignee), a non-profit corporation organized and existing under the laws of the Commonwealth of Pennsylvania having its principal place of business at 3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19104 for

Check applicable box(es): the United States of America (as defined in 35 U.S.C. § 100),
 and throughout the world,

in the invention known as **Regulatory T Cells and Their Use in Immunotherapy and Suppression of Autoimmune Responses**, filed April 19, 2004 as U.S. Application Serial No. 10/827,023 (including any priority derived from US Provisional Applications related thereto: 60/374,356; 60/463,591; 60/550,481), and its counterpart of the same name, filed March 5, 2005 under the Patent Cooperation Treaty as PCT/US05/007452, and any and all applications thereon or relating thereto, claiming priority to either the US or PCT applications, any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisionals, continuations and continuation-in-part applications thereof in the United States and its possession or any foreign country, to the full end of the term or terms for which such Letters Patent(s) issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree to execute all papers necessary in connection with the application and any continuing, divisional, reissue, reexamination or corresponding applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree to execute all papers necessary in connection with any interference that may be declared concerning the application or any continuing, divisional, reissue or reexamination applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby represents that they have full right to convey undersigned entire interest herein assigned, and that they have not executed, and will not execute, any agreement in conflict therewith.

IN WITNESS WHEREOF, executed by the undersigned on the dates opposite their names.

Date: 3/14/06 Signature of Inventor: *Carl H. June*
CARL H. JUNE

Commonwealth of Pennsylvania:

SS

COUNTY of Montgomery:

On this 14 day of March 2006, before me personally came the above **CARL JUNE**, known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of her own free will for the use and purposes therein set forth.



John-Paul Gerhold
Notary Public
COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
John-Paul Gerhold, Notary Public
Lower Merion Twp., Montgomery County
My Commission Expires JAN 2011
Member, Pennsylvania Association of Notaries

Assignment for US Appln.: 10/827,023
Docket No.: 46406-204682[O-2854US]

Date: March 9 2006 Signature of Inventor: *Richard G. Carroll*
RICHARD G. CARROLL

Commonwealth of Pennsylvania: SS
COUNTY of Philadelphia:

On this 9 day of March 2006, before me personally came the above
RICHARD G. CARROLL, known to me to be the same individual who executed the foregoing assignment, and
who acknowledged to me that he executed the same of her own free will for the use and purposes therein set forth.

Mary Ann Clarke
Notary Public

NOTARIAL SEAL
Mary Ann Clarke, Notary Public
Philadelphia, Philadelphia County
My commission expires November 14, 2007

Date: 3/8/06 Signature of Inventor: *Bruce L. Levine*
BRUCE L. LEVINE

Commonwealth of Pennsylvania: SS
COUNTY of Philadelphia:

On this 8 day of March 2006, before me personally came the above
BRUCE LEVINE, known to me to be the same individual who executed the foregoing assignment, and who
acknowledged to me that he executed the same of her own free will for the use and purposes therein set forth.

Mary Ann Clarke
Notary Public

NOTARIAL SEAL
Mary Ann Clarke, Notary Public
Philadelphia, Philadelphia County
My commission expires November 14, 2007

Date: 9 Mar 06 Signature of Inventor: *James L. Riley*
JAMES L. RILEY

Commonwealth of Pennsylvania: SS
COUNTY of Philadelphia:

On this 9 day of March 2006, before me personally came the above
JAMES L. RILEY, known to me to be the same individual who executed the foregoing assignment, and who
acknowledged to me that he executed the same of her own free will for the use and purposes therein set forth.

Mary Ann Clarke
Notary Public

NOTARIAL SEAL
Mary Ann Clarke, Notary Public
Philadelphia, Philadelphia County
My commission expires November 14, 2007
PATENT