

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Irina Apostolou</td> <td>07/31/2012</td> </tr> <tr> <td>PAUL PONATH</td> <td>07/28/2012</td> </tr> <tr> <td>Joe Ponte</td> <td>07/26/2012</td> </tr> <tr> <td>Michael Rosenzweig</td> <td>07/30/2012</td> </tr> <tr> <td>Lou Vaickus</td> <td>07/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Irina Apostolou	07/31/2012	PAUL PONATH	07/28/2012	Joe Ponte	07/26/2012	Michael Rosenzweig	07/30/2012	Lou Vaickus	07/27/2012
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Lou Vaickus	07/27/2012												
RECEIVING PARTY DATA													
Name:	Tolerx, Inc.												
Street Address:	300 Technology Square												
Internal Address:	3rd Floor												
City:	Cambridge												
State/Country:	MASSACHUSETTS												
Postal Code:	02139												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13574391</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13574391								
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CORRESPONDENCE DATA													
Fax Number:	8777697945												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	(212) 765-5070												
Email:	apsi@fr.com												
Correspondent Name:	Stuart Macphail												
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ATTORNEY DOCKET NUMBER:	25382-0028US1												

NAME OF SUBMITTER:

Judi Cordo

Total Attachments: 10

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ASSIGNMENT

I, Irina Apostolou, a citizen of France, residing at 85 Farquhar Street; Roslindale, MA 02131; United States; and

I, Paul Ponath, a citizen of the United States, residing at 698 Clipper Street; San Francisco, CA 94114; United States; and

I, Joe Ponte, a citizen of the United States, residing at 175 D Centre Street; Apt. 422; Quincy, MA 02188; United States; and

I, Michael Rosenzweig, a citizen of the United States, residing at 20 Fayette Street, Apt. 2; Boston, MA 02116; United States; and

I, Lou Vaickus, a citizen of the United States, residing at 22 Franklin Rogers Road; Hingham, MA 02043; United States

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

TOLERX, INC.

a Company organized under the laws of Massachusetts located at 300 Technology Square; 3rd Floor; Cambridge, MA 02139; United States (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, in and for the United States of America only in and to my Invention entitled:

IMMUNOREGULATION BY ANTI-ILTS ANTIBODIES AND ILTS-BINDING ANTIBODY FRAGMENTS

invented by me and described in Patent Application No. 13/574,391, filed on July 20, 2012, in the United States of America; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, including the right to sue for past infringement and any such recovery, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and

entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

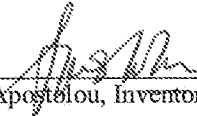
And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: 07/31/12



Irina Apostolou, Inventor

Dated: _____

Paul Ponath, Inventor

Dated: _____

Joe Ponte, Inventor

Dated: _____

Michael Rosenzweig, Inventor

Dated: _____

Lou Vaickus, Inventor

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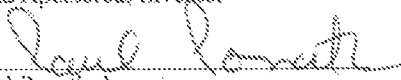
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Dated:

.....
Irina Apostolou, Inventor

Dated: 07.28.2012

.....

Paul Ponath, Inventor

Dated:

.....
Joe Ponte, Inventor

Dated:

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Michael Rosenzweig, Inventor

Dated:

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Lou Vaitkus, Inventor

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Irina Apostofou, Inventor

Dated: _____

Paul Ponath, Inventor

Dated: 7/26/12

~~_____
Jos. Ponte, Inventor~~

Dated: _____

Michael Rosenzweig, Inventor

Dated: _____

Lou Vaickus, Inventor

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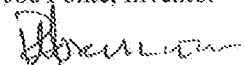
Dated: _____

Paul Ponath, Inventor

Dated: _____

Joe Ponte, Inventor

Dated: JULY 30th 2012



Michael Rosenzweig, Inventor

Dated: _____

Lou Vaickus, Inventor

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Dated: _____

Joe Ponte, Inventor

Dated: _____

Michael Rosenzweig, Inventor

Dated: July 27, 2012

Lou Vaickus

Lou Vaickus, Inventor