

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>Christian Lavedan</td> <td>11/16/2011</td> </tr> <tr> <td>Simona Volpi</td> <td>11/15/2011</td> </tr> <tr> <td>Louis Licamele</td> <td>11/17/2011</td> </tr> </tbody> </table> | | Name | Execution Date | Christian Lavedan | 11/16/2011 | Simona Volpi | 11/15/2011 | Louis Licamele | 11/17/2011 |
| Name | Execution Date | | | | | | | | |
| Christian Lavedan | 11/16/2011 | | | | | | | | |
| Simona Volpi | 11/15/2011 | | | | | | | | |
| Louis Licamele | 11/17/2011 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
| Name: | Vanda Pharmaceuticals, Inc. | | | | | | | | |
| Street Address: | 9605 Medical Center Drive | | | | | | | | |
| Internal Address: | Suite 300 | | | | | | | | |
| City: | Rockville | | | | | | | | |
| State/Country: | MARYLAND | | | | | | | | |
| Postal Code: | 20850 | | | | | | | | |
| 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>13263076</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13263076 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 13263076 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
| Fax Number: | (518)449-0047 | | | | | | | | |
| Phone: | 518-449-0044 | | | | | | | | |
| Email: | vfleming@hoffmanwarnick.com | | | | | | | | |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | | | | | | | | | |
| Correspondent Name: | Hoffman Warnick LLC | | | | | | | | |
| Address Line 1: | 75 State Street | | | | | | | | |
| Address Line 2: | 14th Floor | | | | | | | | |
| Address Line 4: | Albany, NEW YORK 12207 | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | VAND-0045-US | | | | | | | | |
| NAME OF SUBMITTER: | Stephen F. Swinton, Jr. | | | | | | | | |
| Total Attachments: 2 source=VAND-0045-US_SIGNED_Assignment#page1.tif source=VAND-0045-US_SIGNED_Assignment#page2.tif | | | | | | | | | |

OP \$40.00 13263076

PATENT ASSIGNMENT FORM

For and in consideration of good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor acknowledges his/her prior and ongoing obligation to sell, assign, and transfer, and agrees to sell, assign, and transfer the entire world wide right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements conceived during and within the scope of his/her employment, and further acknowledges that he/she has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto:

**Vanda Pharmaceuticals, Inc.
9605 Medical Center Drive, Suite 300
Rockville, MD 20850**

a corporation of Delaware, and desires to acquire all right, title, and interest, in and to the certain inventions (identified below), applications, and any United States and foreign patents to be obtained therefor relating to:

METHOD OF PREDICTING A PREDISPOSITION TO QT PROLONGATION

as set forth in United States Provisional Patent Application executed by each undersigned inventor on the date indicated by each inventor signature below, and further identified by **Attorney Docket Number VAND-0045-US**;

(select one): executed concurrently herewith or Serial No. 13/263,076 Filed on 05 October 2011

for and to said United States Patent Application including any and all non-provisional applications claiming the benefit thereof, continuations, continuations-in-part, or divisions thereof and in and to any and all Letters Patent of the United States and foreign patents and all rights of priority to be obtained therefor which may issue on any such application or for said invention therein disclosed, including any and all reissues or extensions thereof, to be held and enjoyed by, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each undersigned inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to Vanda Pharmaceuticals, Inc., its successors and assigns, in accordance herewith;


Each undersigned inventor warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests hereby sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each undersigned inventor further covenants and agrees that he/she, upon the request and at the expense of Vanda Pharmaceuticals, Inc., will execute and deliver any papers, make all rightful oaths, testify in any legal proceeding relating to said inventions and improvements, communicate to Vanda Pharmaceuticals, Inc. all facts known to the undersigned relating to such inventions and improvements and the history thereof; and perform all other lawful acts deemed necessary or desirable by Vanda Pharmaceuticals, Inc., and its legal representatives, to secure, maintain, and enforce patent protection for such inventions and improvements and for vesting title to such inventions and improvements in the invention(s), and in particular to perfect title to said above-identified certain inventions, and applications including any and all non-provisional applications claiming the benefit thereof, continuations, continuations-in-part, or divisions thereof, and any and all Letters Patent which may be granted therefor or thereon, including reissues, extensions, or counterparts;

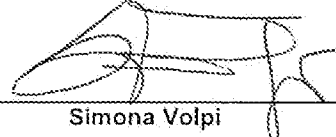
Each undersigned inventor hereby grants Stephen F. Swinton, Jr. and the firm of Hoffman Warnick LLC, the power to insert in this Assignment any further identification which may be necessary or desirable for recordation of this Assignment.

This assignment is governed by the substantive laws of the state of Maryland.

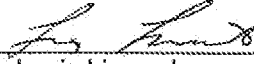
Executed by Inventor 1 of 3

Signature:  Date: 11/16/11
Christian Lavedan

Executed by Inventor 2 of 3

Signature:  Date: 11/15/11
Simona Volpi

Executed by Inventor 3 of 3

Signature:  Date: 11/17/2011
Louis Licamele