

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| | |
|--|--|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Erik HACK | 09/24/2013 |
| RECEIVING PARTY DATA | |
| Name: | PROTHIX BV |
| Street Address: | Warmonderweg 23 |
| City: | Leiden |
| State/Country: | NETHERLANDS |
| Postal Code: | NL-2334 AB |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13527261 |
| CORRESPONDENCE DATA | |
| Fax Number: | 2023931012 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 202-628-5197 |
| Email: | michaels@browdyneimark.com |
| Correspondent Name: | Browdy and Neimark, PLLC |
| Address Line 1: | 1625 K Street NW |
| Address Line 2: | Suite 1100 |
| Address Line 4: | Washington, DISTRICT OF COLUMBIA 20006 |
| ATTORNEY DOCKET NUMBER: | HACK1A |
| NAME OF SUBMITTER: | Ronni S. Jillions |
| Signature: | /Ronni S. Jillions/ |
| Date: | 09/26/2013 |
| Total Attachments: 1 source=Assignment_exec_Hack1A#page1.tif | |

OP \$40.00 13527261

ASSIGNMENT

- (1-5) *Insert Name(s) of Inventors* (1) Erik HACK
- In consideration of the sum of ten dollars (\$10.00) and other good and valuable consideration received by each of the undersigned, the receipt of which is hereby acknowledged, each of the undersigned agrees to assign, and hereby does assign, and set over to
- (6) *Insert Name of Assignee* (2) Prothix BV
- (7) *Insert Address of Assignee* (3) Warmonderweg 23 NL-2334 AB Leiden, The Netherlands
- (hereinafter designated as the Assignee) the entire right, title and interest owned by the undersigned for the United States, its territories, dependencies and possessions, in the invention known as
- (8) *Identification of invention, Title, Case Number or Foreign Application Number* (4) USE OF ANTI-FACTOR XI ANTIBODIES FOR PREVENTION OF THROMBUS FORMATION
- for which undersigned has filed or will file a provisional application, or an international PCT application designating the U.S., or a non-provisional application for patent in the United States of America
- (9) *Alternative Identification for Filed Applications* (5) U.S. Application Number 13/527,261 filed June 19, 2012

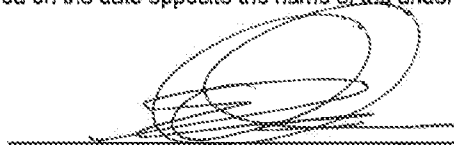
The undersigned further agrees to assign, and hereby does assign, transfer and set over to Assignee said provisional, international or non-provisional application for patent, and all non-provisional applications for patent, including any non-provisional or international application, that claims the benefit of said application, if said application is a provisional, and all divisions and continuations of any said non-provisional applications, including the subject matter of any and all claims that may be obtained in every such patent, and any original and reissued Letters Patents granted for said invention; and the right, where such right can be legally exercised, in his or her name to apply for and obtain patents in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as he or she could have done if the application had been filed in his or her name; and the entire interest in any Letters Patents that may be granted on any such applications in such foreign countries; and he or she does authorize and request the Director of the U.S. Patent and Trademark Office, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue the said Letters Patents to the said Assignee, its successors, assigns, nominees or other legal representatives, as Assignee and owner of the said entire interest; and he or she does covenant that he or she has full right to convey the said entire interest herein assigned and that he or she has not executed and will not execute any agreement in conflict herewith; and he or she agrees that he or she will communicate to said Assignee, its successors, assigns, nominees or other legal representatives, all facts known to him or her respecting said inventions, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute and deliver all divisional, continuing, reissue and foreign applications, make all rightful oaths and do all lawful acts requisite for the applications for such divisional, continuing, reissue or foreign applications, or the procuring thereof, and also to execute separate assignments in connection with any such applications as the Assignee may deem necessary or expedient or essential to the full protection and title in and to the invention hereby transferred; and that if and when said Assignee, its successors, assigns, nominees or other legal representatives desire to file a disclaimer relating thereto, he or she will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and he or she further covenants and agrees that he or she will at any time, upon request, do everything possible to aid said Assignee, its successors, assigns, nominees or other legal representatives either in his or her or Assignee's own name, to apply for, obtain and enforce proper patent protection for said inventions in all countries, according to the International Convention of 1883 and all the laws and treaties in force, all without further consideration but at the expense of said Assignee, its successors, assigns, nominees or other legal representatives.

The undersigned hereby grant(s) the firm of Browdy and Neimark the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document. The undersigned further authorizes and requests the firm of Browdy and Neimark, PLLC, to make corrections of typographical or clerical errors in the name and/or address of the Assignee(s) or to update or otherwise correct the address of the Assignee(s).

This Assignment shall be binding upon the heirs, executors, administrators, and/or assigns of each of the undersigned, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns of the Assignee.

In witness whereof, executed by the undersigned on the date opposite the name of the undersigned.

(1) Date 24 September Signature of Inventor
2013



[If inventors are in the U.S., it is preferable (but not required) that their signatures be notarized. If the inventors are abroad, it is also preferable (but not required) that the signatures be notarized; however, the signatures must also be legalized.]

PATENT

RECORDED: 09/26/2013

REEL: 031289 FRAME: 0685