503985714 08/31/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4032370

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------------------|----------------|
| ROCHE DIAGNOSTICS INTERNATIONAL AG | 03/17/2015 |

RECEIVING PARTY DATA

| Name: | Roche Diagnostics Operations, Inc. | |
|-----------------|------------------------------------|--|
| Street Address: | 9115 Hague Road | |
| City: | Indianapolis | |
| State/Country: | INDIANA | |
| Postal Code: | 46250 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15220555 |

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 4: INDIANAPOLIS, INDIANA 46250

| ATTORNEY DOCKET NUMBER: | P31748-US-PD |
|-------------------------|--------------------|
| NAME OF SUBMITTER: | KENNETH J. WAITE |
| SIGNATURE: | /Kenneth J. Waite/ |
| DATE SIGNED: | 08/31/2016 |

Total Attachments: 5

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PATENT 503985714 REEL: 039602 FRAME: 0300

ASSIGNMENT AGREEMENT

Roche Diagnostics International AG ("ASSIGNOR") a corporation duly organized under the laws of Switzerland and having its principal place of business at Forrenstrasse 2, CH-6343 Rotkreuz, Switzerland

acknowledges the previous transfer to

Roche Diagnostics Operations, Inc. (ASSIGNEE) a corporation duly organized under the laws of the State of Delaware, United States of America, having its principal place of business at 9115 Hague Road, Indianapolis 46250, Indiana, United States of America

for good and valuable consideration paid to ASSIGNOR by ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, of all right, title, and interest in, to, and deriving from the invention(s) disclosed in the patent application(s) set forth below for the territory of the United States of America and its possessions by operation of law, contract, or otherwise, and any Letters Patent which may hereafter be granted on the same in the United States including any application claiming priority under 35 U.S.C. §119(e), divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, reexaminations, prolongations or extensions thereof.

As far as the right, title, and interest of ASSIGNOR in, to, and deriving from the invention(s) disclosed in the patent application(s) set forth below may not have been transferred, for good and valuable consideration paid to ASSIGNOR by ASIGNEE, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby assigns, sells and transfers to ASSIGNEE, and to ASSIGNEE'S successors and assigns, for the territory of the United States of America and its possessions all of ASSIGNOR'S right, title and interest in, to, and deriving from the invention(s) described in the patent application(s) listed below, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, reexaminations, prolongations or extensions thereof, or other U.S. patent applications claiming the benefit of the filing date of the following patent application(s):

| Case No. | Country | Filing Date | Serial No. |
|----------|---------|------------------|--------------|
| P31748 | Europe | January 28, 2014 | 14 152 777.0 |

entitled

Biomarkers for risk assessment and treatment monitoring in heart failure patients guided by natriuretic peptides

ASSIGNEE, by virtue of this Assignment, shall have the right to file and own patent applications that claim priority to and are based in whole or in part on the patent application(s) cited above with the United States Patent and Trademark Office and to own Letters Patents that issue thereon. Accordingly, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for such patent applications, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, reexaminations, prolongations or extensions thereof, to ASSIGNEE, its successors and assigns.

ASSIGNOR does hereby covenant and agree with ASSIGNEE, its successors and assigns, that ASSIGNOR will not execute any writing or do any act conflicting with this assignment, and ASSIGNOR further agrees that he will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the

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prosecution of said Letters Patent and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

ASSIGNOR

Roche Diagnostics International AG

ma

i.V.

Rotkreuz, March 17, 2015

Place, Date

Dr. Barbara Herren Holder of Procuration Dr. Mario Curcio

European Patent Attorney

NOTARIAL CERTIFICATION

I, Christoph Schweiger, lic. iur., attorney at law, a Notary Public in 6300 Zug, Dammstrasse 19, (Switzerland),

do hereby certify that the signatures above are the true signatures of

Dr. Barbara Irene <u>Herren</u>, authorized signatory with joint signing rights according to art. 458 et seqq. Swiss Code of Obligations ("Prokura"), citizen of Neuenegg BE, in Baar, ZG (Switzerland), and

Dr. Mario <u>Curcio</u>, authorized representative with joint signing rights according to art. 462 Swiss Code of Obligations ("Handlungsvollmacht") as well as representative with special power of attorney, citizen of Italy, in Hochdorf, LU (Switzerland),

on behalf of Roche Diagnostics International AG, with legal seat in Risch, Switzerland.

Zug, Notary Rublic

Christoph Schweiger

PATENT REEL: 039602 FRAME: 0302

ASSIGNEE

Roche Diagnostics Operations, Inc

| Àmdaise Sai II Place, Date I USA | | D'Hickel Jourg Vice Président + Chief Istaletad Propééty Couracl VLEDGMENT |
|-------------------------------------|---------------|---|
| United States of America |) | |
| State of Indiana |) | |
| Marion County |) | |
| on August | 3 (, , befo | re me, Jacqualine M. Pike, a Notary Public, |
| personally appeared D. M | ichael Young. | |

[X] personally known to me

[] proved to me on the basis of satisfactory evidence to be the person described in the foregoing Assignment, who acknowledged that (s)he executed the foregoing Assignment in her/his authorized capacity, and that by her/his signature on the foregoing Assignment the person, or Roche Diagnostics Operations, Inc., executed the foregoing Assignment.

Notary Public

Printed Name: Jacqualine M. Pike

My Commission Expires: February 25, 2023

equaline M. Pike

County of Residence: Marion

NOTARIELLE BEGLAUBIGUNG

NOTARIAL CERTIFICATION

Ich

Jacqualine M. Pike

Ι

(Name of Notary Public)

Notar in

a Notary Public residing at

JACQUALINE M. PIKE Marion County

My Commission Expires February 25, 2023

2720 Sheffield Drive, Indianapolis, Indiana 46229, U.S.A.

(Address)

beglaubige hiermit die Echtheit der vor mir persönlich vollzogenen umseitigen Unterschrift(en) von do hereby certify that

D. Michael Young

Vice President

Chief Intellectual Property Counsel

und dass der(die) Unterschreibende erklärte, dass er(sie) die Übertragungserklärung mit entsprechender Firmenvollmacht unterzeichnete, und dass mit seiner(ihrer) Unterschrift die Übertragungserklärung als durch ihn(sie) persönlich oder durch Roche Diagnostics Operations, Inc. ausgefertigt gilt.

appeared before me, signed the foregoing document in my presence and acknowledged that (s)he executed the Declaration of Assignment in her/his authorized capacity and that by her/his signature the person or Roche Diagnostics Operations, Inc., executed the foregoing Declaration of Assignment

Notar

/ Notary Public

JACQUALINE M. PIKE
Marion County
My Commission Expires
February 25, 2023

Jacqualine M. Pike

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