PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5358340

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VASU JAMMALAMADAKA	01/28/2019
KIMBERLY ANN TIPTON	01/26/2019
SANJEEV SATYAL	01/25/2019
HOYOUNG HUH	01/25/2019

RECEIVING PARTY DATA

Name:	PH PHARMA CO., LTD.
Street Address:	9F, THE-K TWIN TOWERS A, 50 JONGNO 1-GIL
Internal Address:	JONGNO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	03142

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16135287

CORRESPONDENCE DATA

Fax Number: (952)876-4098

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.

Phone: 9528764081

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Correspondent Name: MATTHEW PAUL RUBBELKE **Address Line 1:** 7851 METRO PARKWAY

Address Line 2: SUITE 325

Address Line 4: BLOOMINGTON, MINNESOTA 55425

ATTORNEY DOCKET NUMBER:	03750.016US1
NAME OF SUBMITTER:	MATTHEW RUBBELKE
SIGNATURE:	/Matthew Rubbelke/
DATE SIGNED:	02/04/2019

Total Attachments: 8

PATENT REEL: 048232 FRAME: 0077

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ASSIGNMENT

WHEREAS, I/we, (each referred to as "Assignor")

<u>VASU JAMMALAMADAKA</u>
KIMBERLY ANN TIPTON
<u>SANJEEV SATYAL</u>
HOYOUNG HUH

made certain new and useful inventions and improvements for which I/we filed the following patent application(s)

COUNTRY	SERIAL NUMBER	FILING DATE
US	16/135,287	September 19, 2018

AND WHEREAS, pH Pharma Co., Ltd., having an office and place of business at 9F.

The-K Twin Towers A, 50 Jongno 1-Gil, Jongno-Gu, Seoul, 03142, Republic of Korea

(hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of said prior agreement, I/we hereby sell, assign, transfer and set over unto said Assignee, including its successors and assigns, my/our entire right, title and interest to all inventions disclosed in the aforesaid application(s), including all rights to claim priority therefrom, and to any and all present or future patent applications to such inventions filed in the United States or any other country or region, inclusive of, but not limited to, all divisions, continuations, continuations-in-part, renewals thereof, substitutions, reexaminations, reissues, provisional patent applications, applications filed under the Patent Cooperation Treaty, certificates of addition, utility models, and petty patents, as well as all other intellectual property related to the applications, inclusive of, but not limited to,

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supplementary protection certificates, and to any and all Letters Patents and any related patent

term extensions that may be granted for said Letters Patents with respect to the applications; all of

the above to be held by Assignee as fully and entirely as the same would have been held by me

had this Assignment not been made.

AND, for the consideration aforesaid, I/we do hereby agree that I/we and my/our executors

and legal representatives will make, execute and deliver any and all other instruments in writing

including any and all further application papers, affidavits, assignments and other documents, and

will communicate to said Assignee, its successors and representatives all facts known to me

relating to said improvements and the history thereof and will testify in all legal proceedings and

generally do all things which may be necessary or desirable more effectually to secure to and vest

in said Assignee, its successors or assigns the entire right, title and interest in and to the said

improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and

advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I/we covenant and agree with said Assignee, its successors and assigns,

that no assignment, grant, mortgage, license or other agreement affecting the rights and property

herein conveyed has been made to others by me/us and that full right to convey the same as herein

expressed is possessed by me/us.

PATENT

REEL: 048232 FRAME: 0080

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28 day of January . 2019.

VASU JAMMALAMADAKA

STATE OF CALIFORNIA)

COUNTY OF ALAMEDA)

On this 28 day of January . 2019 before me personally appeared VASU JAMMALAMADAKA to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

PLEASE SEE ATTACHED

Notary Public

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ACKNOWLEDGMENT
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.
State of California, County of <u>ALAMEDA</u>
on JAN 28, 2019, before me, HITEN BHYPTAN, NOTARY PUBLIC personally appeared VASU JAMMALA MADAKA
personally appeared VASU JAMMA LA MADAKA who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that (ne)she/they executed the same in (his/her/their authorized capacity(ies), and that by (his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
WITNESS my hand and official seal. HITEN BHUPTANI COMM.# 2190669 NOTARY PUBLIC-CALIFORNIA > ALAMEDA COUNTY MARGINA COUNTY MAR
Signature My Commission Expires APR, 12, 2021
Seal
OPTIONAL
Though the information in this section is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.
Sescription of Attached Document
Fitle or Type of Document: Assignment
Title or Type of Document: Assignment Secial 16/135 287 Document Date: Identifying No.: 03750 -016051 No. of Pages: 7
Signer(s) or Issuing Agency:
Capacity Claimed by Custodian
Individual ☐ Attorney ☐ Trustee ☐ Business Proprietor or Manager ☐ Corporate Officer — Title:
☐ University or School Officer — Title:
Governmental Officer or Agent — Title:
Other:
Custodian Is Representing:

IN TESTIMONY WHEREOF, I have hereunto set my hand this the day of the state of the personal paper and the same for the uses and purposes therein set forth.

IN TESTIMONY WHEREOF, I have hereunto set my hand this the day of the personal paper and the personal paper and the personal paper and the personal paper and the person described in and who executed the foregoing instrument, and the she duly acknowledged to me that he she executed the same for the uses and purposes therein set forth.

[SEAL]

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Notary Public

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Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this $\frac{25}{4}$ day of
JANUARY, 2019.
Mary
SANJEEV SATYAL
STATE OF California
COUNTY OF SAN Mates
On this <u>25th</u> day of <u>January</u> , 2019 before me personally appeared
SANJEEV SATYAL to me known and known to me to be the person described in and who
executed the foregoing instrument, and he/ duly acknowledged to me that he/ executed the
same for the uses and purposes therein set forth.
SOHEIL MICHAEL TAHERIAN COMM. #2265065 NOTARY PUBLIC - CALIFORNIA S SANTA CLARA COUNTY My Gonth, Exp. Oct. 29, 2022 My Gonth, Exp. Oct. 29, 2022

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SANTA CLARA COUNTY My Comm. Exp. Oct. 29, 2022

Notary Public

Filing Date: September 19, 2018 Page 7 We agree to and accept the attached assignment document on this 25 day of Jan____, 2019. pH Pharma Co., Ltd. SIGNATURE: NAME: Hoyoung Huh Before me, a notary public in and for said county and state, personally appeared Hoyoung Huh, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/ executed the same for the purposes and considerations therein expressed. Given under my hand and seal of office this 25th day of January 2019. [SEAL] Notary Public

SOHEIL MICHAEL TAHERIAN

SOHEIL MICHAEL TAHERIAN

COMM. #2265065

NOTARY PUBLIC - CALIFORNIA

SANTA CLARA COUNTY

My Comm. Exp. Oct. 29, 2022

RECORDED: 02/04/2019

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