

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5574646

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DUK SOON CHOI	12/07/2012
LIANHE SHU	11/17/2012
PING WANG	11/26/2012
RECEIVING PARTY DATA	
Name:	HOFFMANN-LA ROCHE INC.
Street Address:	150 CLOVE ROAD
Internal Address:	GREAT NOTCH, 8TH FLOOR
City:	LITTLE FALLS
State/Country:	NEW JERSEY
Postal Code:	07424
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15949389
CORRESPONDENCE DATA	
Fax Number:	(202)842-7899
<i>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.</i>	
Phone:	617-937-2300
Email:	jsteinfield@cooley.com
Correspondent Name:	COOLEY LLP
Address Line 1:	1299 PENNSYLVANIA AVENUE NW
Address Line 2:	SUITE 700
Address Line 4:	WASHINGTON, D.C. 20004
ATTORNEY DOCKET NUMBER:	MDRI-022C02US 322151-2177
NAME OF SUBMITTER:	CHUN L. YU
SIGNATURE:	/Chun L. Yu/
DATE SIGNED:	06/17/2019
Total Attachments: 6	
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ASSIGNMENT

We, **Duk Soon Choi, Lianhe Shu and Ping Wang** the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to **Hoffmann-La Roche, Inc.**, with offices at **340 Kingsland Street, Nutley, New Jersey 07110**, and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

METHOD OF SYNTHESIZING THYROID HORMONE ANALOGS AND POLYMORPHS THEREOF

filed with the U.S. Patent and Trademark Office on **September 17, 2012** and assigned Provisional Application No. **61/702,137**, including any subsequently filed utility applications, which claim priority to Provisional Application No. **61/702,137**, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.


We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

First Inventor : D. Keith Hester
Application No. : 61/702,137
Filed : September 17, 2012
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We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

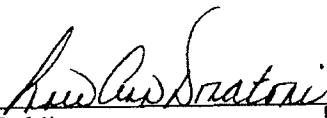
We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 12/17/12 
Signature of: DUK SOON CHOI

State of NEW JERSEY
County of ESSEX

On this 7 day of DECEMBER, 2012, before me, the undersigned notary public, personally appeared DUK SOON CHOI, proved to me through satisfactory evidence of identification, which was a LA ISSUED PICTURE ID, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.


Notary Public
LOU ANN DONATONI
Notary Public of New Jersey
My Commission Expires April 02, 2013
My commission expires _____

First Inventor : D. Keith Hester
Application No. : 61/702,137
Filed : September 17, 2012
Page 3 of 3

Date: _____

Signature of: LIANHE SHU

State of _____

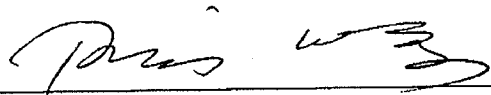
County of _____

On this _____ day of _____, 2012, before me, the undersigned notary public, personally appeared LIANHE SHU, proved to me through satisfactory evidence of identification, which was a _____, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

Notary Public

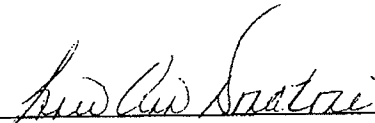
My commission expires _____

Date: 11/26/2012


Signature of: PING WANG

State of NEW JERSEY
County of ESSEX

On this 26 day of NOVEMBER, 2012, before me, the undersigned notary public, personally appeared PING WANG, proved to me through satisfactory evidence of identification, which was a NI PICTURE DRIV. LIC, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.


Notary Public

My commission expires _____

LOU ANN DONATONI
Notary Public of New Jersey
My Commission Expires April 02, 2013

ASSIGNMENT

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First Inventor : D. Keith Hester
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Page 2 of 3

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We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: _____

Signature of: **DUK SOON CHOI**

State of _____

County of _____

On this _____ day of _____, 2012, before me, the undersigned notary public, personally appeared **DUK SOON CHOI**, proved to me through satisfactory evidence of identification, which was a _____, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

Notary Public

My commission expires _____

First Inventor : D. Keith Hester
Application No. : 61/702,137
Filed : September 17, 2012
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Date: 11-17-2012


Signature of: LIANHE SHU

State of New Jersey
County of Essex

On this 17th day of November, 2012, before me, the undersigned notary public, personally appeared **LIANHE SHU**, proved to me through satisfactory evidence of identification, which was a NS Driver's License, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.


Notary Public

My commission expires March 2015

Date: _____

Signature of: PING WANG

State of _____
County of _____

On this _____ day of _____, 2012, before me, the undersigned notary public, personally appeared **PING WANG**, proved to me through satisfactory evidence of identification, which was a _____, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

Notary Public

My commission expires _____

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