505131384 10/08/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5178146

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FANG SHEN	06/20/2016

RECEIVING PARTY DATA

Name:	ROCHE R&D CENTER (CHINA) LTD.	
Street Address:	BUILDING 5, NO. 720, CAILUN ROAD	
City:	SHANGHAI	
State/Country:	CHINA	
Postal Code:	201203	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15970128

CORRESPONDENCE DATA

Fax Number: (650)952-9881

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: 6507974009

Email: pgolden@gene.com

Correspondent Name: JONATHAN DUFFIELD

Address Line 1: 1 DNA WAY
Address Line 2: MS-49

Address Line 4: SOUTH SAN FRANCISCO, CALIFORNIA 94080

ATTORNEY DOCKET NUMBER:	P33189-US
NAME OF SUBMITTER:	JONATHAN DUFFIELD
SIGNATURE:	/Jonathan Duffield/
DATE SIGNED:	10/08/2018

Total Attachments: 4

source=Shen to Roche R&D#page1.tif source=Shen to Roche R&D#page2.tif source=Shen to Roche R&D#page3.tif source=Shen to Roche R&D#page4.tif

PATENT 505131384 REEL: 047096 FRAME: 0964

Case No. P33189 TO BE NOTARIZED

ASSIGNMENT AGREEMENT

I/We, the undersigned

Inventor(s)

Employed by:

Fang SHEN, a Chinese citizen, Building No. 5, Lane 720, Cailun Road, Shanghai 201203, China Roche R&D Center (China) Ltd

hereinafter ASSIGNOR(S), herewith declare that I am/we are the inventor(s) of the invention entitled:

COMBINATION THERAPY OF AN HBV CAPSID ASSEMBLY INHIBITOR AND AN INTERFERON

disclosed in patent application(s) to be filed in certain countries of the world claiming priority of the patent(s) or patent application(s) filed as listed below and for which I/we am/were not named as inventor(s)

Patent Office

State Intellectual Property Office of the People's Republic of China

as outlined below:

Case No.

Country

Filing Date

Serial No.

P33189

WO

03. November 2015

PCT/CN2015/093688

ASSIGNOR(S) acknowledge(s) the previous transfer to

Roche R&D Center (China) Ltd. Building 5, No. 720, Cailun Road Shanghai, 201203 China

hereinafter ASSIGNEE, of all right, title, and interest in, to, and deriving from the invention(s) disclosed by ASSIGNOR(S) in patent application(s) to be filed in certain countries of the world claiming priority of the patent or patent application(s) filed as listed above, by operation of law, contract, or otherwise.

As far as right, title, and interest of the ASSIGNOR(S) in, to, and deriving from the invention(s) disclosed by ASSIGNOR(S) in patent application(s) to be filed in certain countries of the world claiming priority of the patent or patent application(s) filed as listed above may not have been transferred to ASSIGNEE, ASSIGNOR(S) herewith assign(s) to ASSIGNEE all right, title, and interest in, to, and deriving from the invention(s) disclosed by ASSIGNOR(S) in patent application(s) to be filed in certain countries of the world claiming priority of the patent or patent application(s) filed as listed above, including the right to claim priority.

ASSIGNEE by virtue of this assignment thereof shall have the exclusive right and is fully entitled to apply for, obtain, and own patents and patent application worldwide in its own name and at its own costs that

- claim priority to and are based in whole or in part on the patent or patent application(s) set forth above for which priority is claimed and
- claim priority to and are based in whole or in part on any patent and patent application(s) to be filled in certain countries of the world which are based on the application(s) set forth above for which priority is claimed.

PATENT REEL: 047096 FRAME: 0965 Case No. P33189

TO BE NOTARIZED

to maintain any patent granted thereupon and to discontinue any patents or patent applications as it deems appropriate.

ASSIGNEE and ASSIGNOR hereby acknowledge, confirm, and agree that ASSIGNOR has been fully and adequately compensated for all rights granted or assigned to ASSIGNEE hereunder.

ASSIGNOR(S)

Shanghai Jun 20th, 2016

Place, Date

Fang shen

Fang SHEN

ASSIGNEE

Roche R&D Center (China) Ltd.

Shaghe Twe 20, 2016
Place Date

PATENT

REEL: 047096 FRAME: 0966

公证 书

(2016) 沪东证外字第 39849 号

申请人: 沈芳,女,一九八三年十一月二十八日出生公民身份号码: 360428198311282022 罗氏研发(中国)有限公司住所: 上海市张江高科技园区蔡伦路七二〇弄五号法定代表人: ALEXANDER DAVID HARDY 委托代理人: 朱颖先,男,一九七六年四月三十日出生公民身份号码:320525197604303012

公证事项:签名

兹证明沈芳、罗氏研发(中国)有限公司的委托代理人朱颖先于二〇一六年六月二十日在上海市,分别在前面的《ASSIGNMENT AGREEMENT》上签名,上述签名行为均属实。

中华人民共和国上海市东方公证处

CIED RESIDENCE



190881001

PATENT REEL: 047096 FRAME: 0967

Translation

NOTARIAL CERTIFICATE

(2016)H.D.Z.W.Z.No.39849

Applicants: SHEN Fang, female, born on November 28, 1983, Citizen ID

No.: 360428198311282022

Roche R&D Center (China) Ltd.,

Domicile: No.5, Lane 720, Cailun Road, Zhangjiang Hi-Tech

Park, Shanghai,

Legal Representative: ALEXANDER DAVID HARDY

Entrusted Agent: ZHU Yingxian, male, born on April 30, 1976,

Citizen ID No. 320525197604303012

Notarization matter: Signature

This is to certify that SHEN Fang, and ZHU Yingxian, the entrusted agent of Roche R&D Center (China) Ltd., subscribed their names to the foregoing ASSIGNMENT AGREEMENT respectively in Shanghai on June 20, 2016, and the act of foresaid signing is genuine.

Shen Yu Ming (Seal) Notary Public

The People's Republic of China Shanghai Oriental Notary Public Office (Seal) Dated July 4, 2016

190896964

PATENT REEL: 047096 FRAME: 0968

RECORDED: 10/08/2018