505779041 11/18/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5825868

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAE SEOP HWANG	11/01/2019
PHIL GOO KANG	11/01/2019
JOON HWAN LEE	11/01/2019
JIN YONG EO	11/01/2019
SEUNG JAE LEE	11/01/2019

RECEIVING PARTY DATA

Name:	DAEWOONG BIO INC.
Street Address:	35-9, JEYAKGONGDAN 4-GIL
Internal Address:	HYANGNAM-EUP
City:	HWASEONG-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	18623

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16606446

CORRESPONDENCE DATA

Fax Number:

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: 4046457700

Email: kmurrock@mcciplaw.com

Correspondent Name: MEUNIER CARLIN & CURFMAN LLC

Address Line 1: 999 PEACHTREE ST NE

Address Line 2: SUITE 1300

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	10820-022US1
NAME OF SUBMITTER:	KATE MURROCK
SIGNATURE:	/Kate Murrock/
DATE SIGNED:	11/18/2019

PATENT 505779041 REEL: 051038 FRAME: 0451

Total Attachments: 7 source=10820-022US1 2019_11_18 Executed Assignment#page1.tif source=10820-022US1 2019_11_18 Executed Assignment#page2.tif source=10820-022US1 2019_11_18 Executed Assignment#page3.tif source=10820-022US1 2019_11_18 Executed Assignment#page4.tif source=10820-022US1 2019_11_18 Executed Assignment#page5.tif source=10820-022US1 2019_11_18 Executed Assignment#page6.tif source=10820-022US1 2019_11_18 Executed Assignment#page7.tif

PATENT REEL: 051038 FRAME: 0452

ASSIGNMENT

For valuable consideration, We, TAE SEOP HWANG, of (Hanseong 3 Cha Phill House Apt., Dujeong-dong)104-904, 366, Bongjeong-ro, Seobuk-gu, Cheonan-si, Chungcheongnam-do 31103, South Korea; PHIL GOO KANG, of (Hyangnam Sibeom Neolbeundeul Maeul Hyangnam G Well 2 Cha Apt.) 202-1004, 38, Haengjeongjungang 2-ro, Hyangnam-eup. Hwaseong-si, Gveonggi-do 18599, South Korea; JOON HWAN LEE, of (Yeongtong SK VIEW, Mangpo-dong) 103-2401, 112, Yeongtong-ro 200beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do 16693, South Korea; JIN YONG EO, of (Raemian Nobleclass, Ingye-dong) 202-1801, 243, Gwongwang-ro, Paldal-gu, Suwon-si, Gyeonggi-do 16487, South Korea; and SEUNG JAE LEE, of (Achim Maeul Apt., Gayang-dong) 113-901, 192, Uam-ro, Dong-gu, Daejeon 34593, South Korea, hereby assign to DAEWOONG BIO INC., a company organized under the laws of South Korea, having a place of business at 35-9, Jeyakgongdan 4-gil, Hyangnam-eup, Hwaseong-si, Gyeonggi-do 18623, South Korea, and its successors and assigns (collectively hereinafter "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements that are subject of an application for United States Patent titled "METHOD FOR BILE ACID DERIVATIVE BY USING CONTINUOUS FLOW REACTION" filed October 18, 2019 and assigned U.S. Patent Application No. 16/606,446 (and We authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known), which is a filing under 35 USC §371 of PCT Serial Number PCT/KR2018/004639 filed April 20, 2018, and titled "METHOD FOR PREPARING BILE ACID DERIVATIVE BY USING CONTINUOUS FLOW REACTION," which claims priority to U.S. Patent Application No. 62/487,870 filed April 20, 2017; this assignment including said application, any and all divisional, continuing, substitute, renewal, reissue and all other applications for patent that have been or shall be filed in the United States, and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like

Assignment Page 1 of 7

purposes; and We authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and We agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Assignment Page 2 of 7

Date: 1st. Nov. 2019	e. Andrewski kalender bed me	if is
	Name:	TAE SEOP HWANG
WITNESSED BY:		
l	Date:	14, NOV . 2019
Signature		
Eunjin JO		
Type or Printed Name		
4~6th Floor, New Wing, Gwangsung Bldg.,		
Witness Address		
11, Yeoksam-ro 3-gil, Gangnam-gu,		
Seoul 06242, Republic of Korea		

Date: 26/9. //, 0/	i nagang dipanggang	per 3	
	Name:	PHIL GOO KANG	
WITNESSED BY:			
lo	Date:	(st, Nov. 2019	
Signature			
Eunjin JO			
Type or Printed Name			
4-6th Floor, New Wing, Gwangsung Bldg.,			
Witness Address			
11, Yeoksam-ro 3-gil, Gangnam-gu,			

Date:	- Japan des schoolsberookkeelee	light
	Name:	JOON HWAN LEE
WITNESSED BY:	ş	
lo'	Date:	lst, Nov, 2019
Signature		
Eunjin JO		
Type or Printed Name		
4~6th Floor, New Wing, Gwangsung Bldg.,		
Witness Address		
11, Yeoksam-ro 3-gil, Gangnam-gu,		
Seoul 06242, Republic of Korea		

Date: 20/9 . // . 0/			
A.	Name:	JIN YONG EO	
WITNESSED BY:			
<u>s</u>	Date:	lst, Nov. 2019	
Signature			
Eunjin JO			
Type or Printed Name			
4-6th Floor, New Wing, Gwangsung Bldg.,			
Witness Address			
11, Yeoksam-ro 3-gil, Gangnam-gu,			
Seoul 06242, Republic of Korea			

Date: 2018. 11.01	0/Asry
	Name: SEUNG JAE LEE
WITNESSED BY:	
Signature	Date: 194, Way, 2019
Eunjin JO Type or Printed Name	
4~6th Floor, New Wing, Gwangsung Bldg.,	
Witness Address 11, Yeoksam-ro 3-gil, Gangnam-gu,	
Seoul 06242, Republic of Korea	

Assignment Page 7 of 7