PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
JEONG TAEK SHIN	01/27/2021
JEONG HYUN SON	01/27/2021
DEOK KI EOM	01/27/2021

RECEIVING PARTY DATA

Name:	DAEWOONG PHARMACEUTICAL CO., LTD.	
Street Address:	Street Address: 35-14, JEYAKGONGDAN 4-GIL	
Internal Address:	HYANGNAM-EUP, HWASEONG-SI	
City:	GYEONGGI-DO	
State/Country:	tate/Country: KOREA, REPUBLIC OF	
Postal Code:	18623	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17273390

CORRESPONDENCE DATA

Fax Number: (312)474-0448

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: (312) 474-6300

Email: docket@marshallip.com

Correspondent Name: MARSHALL, GERSTEIN & BORUN LLP

Address Line 1: 233 S. WACKER DRIVE Address Line 2: 6300 WILLIS TOWER

Address Line 4: CHICAGO, ILLINOIS 60606-6357

ATTORNEY DOCKET NUMBER: 29347/56459	
NAME OF SUBMITTER:	CHRISTINE HILLS
SIGNATURE:	/Christine Hills/
DATE SIGNED:	03/12/2021

Total Attachments: 3

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> **PATENT REEL: 055577 FRAME: 0909**

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PATENT REEL: 055577 FRAME: 0910

ASSIGNMENT

Int. Appl. No.: PCT/KR2019/012122

Filed:

September 19, 2019

Title: A

MANUFACTURING METHOD FOR 4-METHOXYPYRROLE DERIVATIVES

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, Jeong Taek SHIN, Jeong Hyun SON and Deok Ki EOM ("Assignor") agrees to assign and hereby does assign to **Daewoong Pharmaceutical Co., Ltd.**, 35-14, Jeyakgongdan 4-gil, Hyangnameup, Hwaseong-si, Gyeonggi-do, REPUBLIC OF KOREA 18623 ("Assignee") all rights, title, and interests in and to the inventions that are disclosed in the application listed above (the "Application") including, but without limitation, all rights:

- (i) in and to the Application and all other applications anywhere in the world that have been or may be filed on said inventions and/or naming Assignor as an inventor of said inventions,
 - (ii) in and to all patents issuing on any of the foregoing,
- (iii) in and to all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates, and/or extensions of any of the foregoing,
- (iv) to bring suit, the right to claim and retain all damages and/or seek other remedies for the past, present, and future infringement and/or misappropriation of any of the foregoing, and
- (v) of priority including, but without limitation, the right to claim priority benefit of or to the Application and all of the foregoing.

Assignor requests the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of Assignee or its designee. Assignor authorizes the attorneys of record in the application to insert in this assignment the filing date and application number of the Application when officially known.

Assignor:

(a) declares: (1) The application was made or authorized to be made by me, (2) I believe myself, as a named inventor, to be the original inventor or an original joint inventor of a claimed invention in the Application and I understand that any willful false statement made by me in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both;

- (b) warrants except in favor of Assignee: (1) Assignor is the owner of all its rights, title and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (2) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, title and interests herein assigned; and
- (c) agrees to execute, upon the request of Assignee or its designee at no expense to Assignor, all applications or documents related to the inventions including, but without limitation, any oath, declaration, or affidavit relating thereto that Assignee may deem necessary or expedient, and to fully cooperate with Assignee and/or its designee to perform all affirmative acts requested to prepare, file, prosecute, maintain, defend, enforce, and vest in Assignee the rights, title, and interests assigned herein whereby said rights, title and interests will be held and enjoyed by Assignee or its designee to the full end of the term for which the intellectual property rights herein may be available as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment had not been made.

On behalf of Assignee, Daewoong Pharmaceutical Co., Ltd.	Jiyun LEE	
	Name	
	Senior Manager	
	Title	
hereby confirms Assignee's assignment.	acceptance of all rights.	privileges, title and interests conveyed by this
	6///	January 27, 2021
	Signature	Date

Date:	January 27, 2021	Signature:	
			Jeong Taek SHIN
Date:	January 27, 2021	Signature:	Jeong Myun SON
Date: January 27, 2021	Signature:	Deok Ki EOM	