

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAKESHI YAMAMURA	07/19/2018
AYAKA YAMAMURO	07/19/2018
EMI IZUKURA	07/19/2018
MOTO KIMURA	07/19/2018
TOMOHIRO OTSUKA	07/19/2018
<b>RECEIVING PARTY DATA</b>	
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<b>City:</b>	TOKYO
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16110056
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<b>NAME OF SUBMITTER:</b>	TANYA E. HARKINS
<b>SIGNATURE:</b>	/TANYA E. HARKINS/
<b>DATE SIGNED:</b>	08/31/2018
<b>Total Attachments: 2</b>	

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**ASSIGNMENT**

FOR GOOD AND VALUABLE CONSIDERATION given to **Takeshi YAMAMURA, Ayaka YAMAMURO, Emi IZUKURA, Moto KIMURA, and Tomohiro OTSUKA,** hereinafter referred to as the ASSIGNOR(S), who has/have invented certain new and useful

**THERMO- RESPONSIVE GELLING ARTIFICIAL LACRIMA**

hereinafter referred to as the invention, for which I/we has/have executed an application for Letters Patent to be filed in the United States Patent and Trademark Office.

WHEREAS, **WAKAMOTO PHARMACEUTICAL CO.,LTD.,** a corporation organized and existing under the laws of the country/state of **JAPAN,** whose post office address/business address is **2-2, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-8330 Japan,** hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, WITNESSETH THIS that for and in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, said ASSIGNOR(S) hereby assign(s), sell(s) and transfer(s) to said ASSIGNEE, its assigns and legal representatives, the entire right, title and interest for the United States and elsewhere throughout the world, in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives, in as ample and as beneficial a manner for all intents and purposes as said ASSIGNOR(S) might or could have held and enjoyed the same had this assignment not been made.

**ASSIGNMENT**

ALSO, said ASSIGNOR(S) hereby agree(s) to execute all papers necessary to file said applications in the United States and elsewhere throughout the world, and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing any and all Letters Patent thereon.

AND said ASSIGNOR(S) authorize(s) and request(s) the Commissioner of Patents to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

By: Takeshi Yamamura July 19, 2018  
Inventor's Name: Takeshi YAMAMURA Date  
(co-inventor)

By: Ayaka Yamamoto July 19, 2018  
Inventor's Name: Ayaka YAMAMURO Date  
(co-inventor)

By: Emi Izukura July 19, 2018  
Inventor's Name: Emi IZUKURA Date  
(co-inventor)

By: Moto Kimura July 19, 2018  
Inventor's Name: Moto KIMURA Date  
(co-inventor)

By: Tomohiro Otsuka July 19, 2018  
Inventor's Name: Tomohiro OTSUKA Date  
(co-inventor)