

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BONG-JIN MOON	02/01/2020
HAN-BIN OH	02/03/2020
NA-NA KANG	02/03/2020
AE-RAN JEON	02/03/2020
KYE-SHIN PARK	02/04/2020
JE-HYUN BAEK	02/04/2020
RECEIVING PARTY DATA	
Name:	SOGANG UNIVERSITY RESEARCH FOUNDATION
Street Address:	35, BAEKBEOM-RO MAPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	121-742
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15577239
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	rdocketing@taylorenghish.com
Correspondent Name:	TAYLOR ENGLISH DUMA LLP
Address Line 1:	1600 PARKWOOD CIRCLE, STE. 200
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ATTORNEY DOCKET NUMBER:	75352-1010 ZL
NAME OF SUBMITTER:	ZHAOYANG LI
SIGNATURE:	/zhaoyang li/
DATE SIGNED:	02/04/2020
Total Attachments: 12	
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PATENT ASSIGNMENT

WHEREAS, I, **Bong-Jin Moon**, a citizen of the Republic of Korea, with a mailing address at 13, Saemal-ro 5-gil Songpa-gu, Seoul, Republic of Korea 138-826; have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled THIOCHROMENE TYPE COMPOUND AND USE THEREOF, filed in the United States Patent and Trademark Office on May 11, 2018, bearing Serial No. 15/577,239, and listing as inventor(s): **Bong-Jin Moon, Han-Bin Oh, Na-Na Kang, Ae-Ran Jeon, Kye-Shin Park and Je-Hyun Baek**;

WHEREAS, **Sogang University Research Foundation**, a University of the Republic of Korea, having its principal place of business at 35, Backbeom-ro Mapo-gu, Seoul, Republic of Korea 121-742, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Bong-Jin Moon**, by these presents do sell, assign and transfer unto **Sogang University Research Foundation**, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to any reissues of the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before the making of the invention and improvements disclosed and described in said application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a division, continuation, continuation-in-part, or reissue thereof, to **Sogang University**

Research Foundation as Assignee, for his or her interest and for his or her sole use and behalf of his or her assigns and legal representatives;

For the same consideration, I, by these presents do sell, assign and transfer to **Sogang University Research Foundation** the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **Sogang University Research Foundation** and or his or her respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **Sogang University Research Foundation** and his or her successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Feb. 1, 2020
Date

Bong Jin Moon
Bong Jin Moon

PATENT ASSIGNMENT

WHEREAS, I, **Han-Bin Oh**, a citizen of the Republic of Korea, with a mailing address at 13, Saemal-ro 5-gil Songpa-gu, Seoul, Republic of Korea 138-826; have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled THIOCHROMENE TYPE COMPOUND AND USE THEREOF, filed in the United States Patent and Trademark Office on May 11, 2018, bearing Serial No. 15/577,239, and listing as inventor(s): Bong-Jin Moon, Han-Bin Oh, Na-Na Kang, Ae-Ran Jeon, Kye-Shin Park, and Je-Hyun Baek;

WHEREAS, **Sogang University Research Foundation**, a University of the Republic of Korea, having its principal place of business at 35, Baekbeom-ro Mapo-gu, Seoul, Republic of Korea 121-742, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Han-Bin Oh**, by these presents do sell, assign and transfer unto **Sogang University Research Foundation**, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to any reissues of the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before the making of the invention and improvements disclosed and described in said application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a division, continuation, continuation-in-part, or reissue thereof, to **Sogang University**

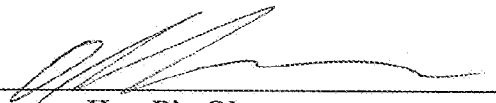
Research Foundation as Assignee, for his or her interest and for his or her sole use and behalf of his or her assigns and legal representatives;

For the same consideration, I, by these presents do sell, assign and transfer to Sogang University Research Foundation the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of Sogang University Research Foundation and or his or her respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid Sogang University Research Foundation and his or her successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

3rd Feb. 2020

Date



Han-Bin Oh

PATENT ASSIGNMENT

WHEREAS, I, **Na-Na Kang**, a citizen of the Republic of Korea, with a mailing address at 13, Saemal-ro 5-gil Songpa-gu, Seoul, Republic of Korea 138-826, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **THIOCHROMENE TYPE COMPOUND AND USE THEREOF**, filed in the United States Patent and Trademark Office on May 11, 2018, bearing Serial No. 15/577,239, and listing as inventor(s) **Bong-Jin Moon, Han-Bin Oh, Na-Na Kang, Ae-Ran Jeon, Kye-Shin Park and Je-Hyun Baek**;

WHEREAS, **Sogang University Research Foundation**, a University of the Republic of Korea, having its principal place of business at 35, Baekbeom-ro Mapo-gu, Seoul, Republic of Korea 121-742, is desirous of acquiring an interest in the same;

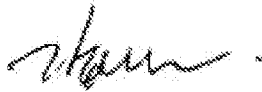
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Na-Na Kang**, by these presents do sell, assign and transfer unto **Sogang University Research Foundation**, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to any reissues of the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications, I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before the making of the invention and improvements disclosed and described in said application, and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a division, continuation, continuation-in-part, or reissue thereof, to **Sogang University**

Research Foundation as Assignee, for his or her interest and for his or her sole use and behalf of his or her assigns and legal representatives;

For the same consideration, I, by these presents do sell, assign and transfer to **Sogang University Research Foundation** the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **Sogang University Research Foundation** and or his or her respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **Sogang University Research Foundation** and his or her successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Feb 3rd 2020
Date



Na-Na Kang

PATENT ASSIGNMENT

WHEREAS, I, **Ae-Ran Jeon**, a citizen of the Republic of Korea, with a mailing address at 13, Saemal-ro 5-gil Songpa-gu, Seoul, Republic of Korea 138-826; have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled THIOCHROMENE TYPE COMPOUND AND USE THEREOF, filed in the United States Patent and Trademark Office on May 11, 2018, bearing Serial No. 15/577,239, and listing as inventor(s): Bong-Jin Moon, Han-Bin Oh, Na-Na Kang, Ae-Ran Jeon, Kye-Shin Park and Je-Hyun Baek;

WHEREAS, **Sogang University Research Foundation**, a University of the Republic of Korea, having its principal place of business at 35, Baekbeom-ro Mapo-gu, Seoul, Republic of Korea 121-742, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Ae-Ran Jeon**, by these presents do sell, assign and transfer unto **Sogang University Research Foundation**, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to any reissues of the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before the making of the invention and improvements disclosed and described in said application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a division, continuation, continuation-in-part, or reissue thereof, to **Sogang University**

Research Foundation as Assignee, for his or her interest and for his or her sole use and behalf of his or her assigns and legal representatives;

For the same consideration, I, by these presents do sell, assign and transfer to **Sogang University Research Foundation** the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **Sogang University Research Foundation** and or his or her respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **Sogang University Research Foundation** and his or her successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

02/07/20

Date



Ae-Ran Jeon

PATENT ASSIGNMENT

WHEREAS, I, **Kye-Shin Park**, a citizen of the Republic of Korea, with a mailing address at 13, Saemal-ro 5-gil Songpa-gu, Seoul, Republic of Korea 138-826; have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled THIOCHROMENE TYPE COMPOUND AND USE THEREOF, filed in the United States Patent and Trademark Office on May 11, 2018, bearing Serial No. 15/577,239, and listing as inventor(s): Bong-Jin Moon, Han-Bin Oh, Na-Na Kang, Ae-Ran Jeon, Kye-Shin Park and Je-Hyun Baek;

WHEREAS, **Sogang University Research Foundation**, a University of the Republic of Korea, having its principal place of business at 35, Baekbeom-ro Mapo-gu, Seoul, Republic of Korea 121-742, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Kye-Shin Park**, by these presents do sell, assign and transfer unto **Sogang University Research Foundation**, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to any reissues of the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before the making of the invention and improvements disclosed and described in said application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a division, continuation, continuation-in-part, or reissue thereof, to **Sogang University**

Research Foundation as Assignee, for his or her interest and for his or her sole use and behalf of his or her assigns and legal representatives;

For the same consideration, I, by these presents do sell, assign and transfer to **Sogang University Research Foundation** the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **Sogang University Research Foundation** and or his or her respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **Sogang University Research Foundation** and his or her successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

2020. 2. 4

Date



Kye-Shin Park

PATENT ASSIGNMENT

WHEREAS, I, **Je-Hyun Baek**, a citizen of the Republic of Korea, with a mailing address at 13, Saemal-ro 5-gil Songpa-gu, Seoul, Republic of Korea 138-826; have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled THIOCHROMENE TYPE COMPOUND AND USE THEREOF, filed in the United States Patent and Trademark Office on May 11, 2018, bearing Serial No. 15/577,239, and listing as inventor(s): Bong-Jin Moon, Han-Bin Oh, Na-Na Kang, Ae-Ran Jeon, Kye-Shin Park, and Je-Hyun Baek;

WHEREAS, **Sogang University Research Foundation**, a University of the Republic of Korea, having its principal place of business at 35, Baekbeom-ro Mapo-gu, Seoul, Republic of Korea 121-742, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Je-Hyun Baek**, by these presents do sell, assign and transfer unto **Sogang University Research Foundation**, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to any reissues of the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before the making of the invention and improvements disclosed and described in said application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a division, continuation, continuation-in-part, or reissue thereof, to **Sogang University**


Research Foundation as Assignee, for his or her interest and for his or her sole use and behalf of his or her assigns and legal representatives;

For the same consideration, I, by these presents do sell, assign and transfer to **Sogang University Research Foundation** the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **Sogang University Research Foundation** and or his or her respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **Sogang University Research Foundation** and his or her successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

2020. 2. 4

Date



Je-Hyun Baek