

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																										
NATURE OF CONVEYANCE:	ASSIGNMENT																										
CONVEYING PARTY DATA																											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hyun Won Bae</td> <td>09/16/2013</td> </tr> <tr> <td>Hyung Joon Kim</td> <td>09/16/2013</td> </tr> <tr> <td>Jun Ok Moon</td> <td>09/16/2013</td> </tr> <tr> <td>Jae Woo Jang</td> <td>09/16/2013</td> </tr> <tr> <td>Jong Chul Kim</td> <td>09/16/2013</td> </tr> <tr> <td>Tae Han Kim</td> <td>09/16/2013</td> </tr> <tr> <td>Jin Suck Sung</td> <td>09/16/2013</td> </tr> <tr> <td>Kyung Han Lee</td> <td>09/16/2013</td> </tr> <tr> <td>Dae Cheol Kim</td> <td>09/16/2013</td> </tr> <tr> <td>Hyo Jin Kim</td> <td>09/16/2013</td> </tr> <tr> <td>Hyun Ae Bae</td> <td>09/16/2013</td> </tr> <tr> <td>Sang Jo Lim</td> <td>09/16/2013</td> </tr> </tbody> </table>		Name	Execution Date	Hyun Won Bae	09/16/2013	Hyung Joon Kim	09/16/2013	Jun Ok Moon	09/16/2013	Jae Woo Jang	09/16/2013	Jong Chul Kim	09/16/2013	Tae Han Kim	09/16/2013	Jin Suck Sung	09/16/2013	Kyung Han Lee	09/16/2013	Dae Cheol Kim	09/16/2013	Hyo Jin Kim	09/16/2013	Hyun Ae Bae	09/16/2013	Sang Jo Lim	09/16/2013
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RECEIVING PARTY DATA																											
Name:	CJ CHEILJEDANG CORPORATION																										
Street Address:	330, Dongho-ro, Ssangnim-dong, Jung-gu																										
City:	Seoul																										
State/Country:	KOREA, REPUBLIC OF																										
PROPERTY NUMBERS Total: 1																											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14007941</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14007941																						
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CORRESPONDENCE DATA																											
Fax Number:	2066826031																										
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NAME OF SUBMITTER: Qing Lin, Ph.D.

Signature: /Qing Lin/

Date: 09/27/2013

Total Attachments: 8

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ASSIGNMENT

WHEREAS, we, Hyun Won BAE, Hyung Joon KIM, Jun Ok MOON, Jae Woo JANG, Jong Chul KIM, Tae Han KIM, Jin Suck SUNG, Kyung Han LEE, Dae Cheol KIM, Hyo Jin KIM, Hyun Ae BAE and Sang Jo LIM (hereinafter referred to as ASSIGNORS), having mailing addresses of 403, 247-168, Banghwa 1-dong, Gangseo-gu, Seoul 157-846, Republic of Korea; 103-1403, Samhwan Rosevill Apt., 336, Gocheok 1-dong, Guro-gu, Seoul 152-795, Republic of Korea; 102-807, Yangcheon Byeoksan blooming Apt., 1026, Sinwol 4-dong, Yangcheon-gu, Seoul 158-094, Republic of Korea; 2-1104, Sunkyung 1 Cha Apt., Ingye-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-070, Republic of Korea; 901, I-won Apt. 112-10, Gocan-dong, Sosa-gu, Bucheon-si, Gyeonggi-do 422-803, Republic of Korea; 704-12, Songnae 1-dong, Sosa-gu, Bucheon-si, Gyeonggi-do 422-831, Republic of Korea; 1204-901, Hosu Maeul Dongbo Nobility Apt., Dongbaek-dong, Giheung-gu, Yongin-si, Gyeonggi-do 446-723, Republic of Korea; 109-1102, Dongseong Apt., Banghwa 3-dong, Gangseo-gu, Seoul 157-787, Republic of Korea; 1706-1802, Hosu Maeul Jayeon Desiang Apt., Dongbaek-dong, Giheung-gu, Yongin-si, Gyeonggi-do 446-742, Republic of Korea; 304, Richville 1075-11, Hwagok 7-dong, Gangseo-gu, Seoul 157-010, Republic of Korea; 201, Kumho Brownville 226-24, Sinwol-dong, Yangcheon-gu, Seoul 158-090, Republic of Korea and 25-1501, Shindonga Apt., 4 Cha, Hagik-dong, Nam-gu, Incheon 402-040, Republic of Korea, respectively, are the joint inventors of an invention entitled "CORYNEBACTERIUM SP. TRANSFORMED WITH A FRUCTOKINASE GENE DERIVED FROM ESCHERICHIA SP. AND PROCESS FOR PREPARING L-AMINO ACID USING THE SAME" as described and claimed in the specification for entry in the U.S. national stage under 35 U.S.C. 371 based on International Application No. PCT/KR2012/002474, accorded an International Filing Date of 02 April 2012;

WHEREAS, CJ CHEILJEDANG CORPORATION (hereinafter referred to as ASSIGNEE), having a usual place of business at 330, Dongho-ro, Ssangnim-dong, Jung-gu, Seoul 100-400, Republic of Korea, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America

and its territorial possessions including any extensions or adjustments in term thereof and, in any and all divisions, reissues and continuations thereof, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

September 16, 2013
Date

Hyun Won BAE
Hyun Won BAE

I certify that I know or have satisfactory evidence that Hyun Won BAE signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date September 16, 2013
(Type or Print)
Ryu Hyun Jeong
(Type or Print Name of Witness)

Signed at Seoul, Korea
Ryu H.J
(Signature of Witness)

September 16, 2013
Date

Hyung Joon KIM
Hyung Joon KIM

I certify that I know or have satisfactory evidence that Hyung Joon KIM signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date September 16, 2013
(Type or Print)

Signed at Seoul, Korea

International Application No.: PCT/KR2012/002474

U.S. Application No.:

Ryu Hyun Jeong
(Type or Print Name of Witness)

Ryu H. J
(Signature of Witness)

2013. 9. 16
Date

윤옥문
Jun Ok MOON

I certify that I know or have satisfactory evidence that Jun Ok MOON signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date September 16, 2013
(Type or Print)
Ryu Hyun Jeong
(Type or Print Name of Witness)

Signed at Seoul, Korea
Ryu H.J
(Signature of Witness)

2013. 09. 16
Date

장우영
Jae Woo JANG

I certify that I know or have satisfactory evidence that Jae Woo JANG signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date September 16, 2013
(Type or Print)
Ryu Hyun Jeong
(Type or Print Name of Witness)

Signed at Seoul, Korea
Ryu H.J
(Signature of Witness)

2013. 09. 16
Date

Jong Chul KIM
Jong Chul KIM

I certify that I know or have satisfactory evidence that Jong Chul KIM signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date September 16, 2013
(Type or Print)
Ryu Hyun Jeong
(Type or Print Name of Witness)

Signed at Seoul, Korea
Ryu H-J
(Signature of Witness)

2013. 09. 16
Date

김 태 한
Tae Han KIM

I certify that I know or have satisfactory evidence that Tae Han KIM signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date September 16, 2013
(Type or Print)
Ryu Hyun Jeong
(Type or Print Name of Witness)

Signed at Seoul, Korea
Ryu H-J
(Signature of Witness)

September 16, 2013
Date

Sung Jin - Suck
Jin Suck SUNG

I certify that I know or have satisfactory evidence that Jin Suck SUNG signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date September 16, 2013
(Type or Print)

Signed at Seoul, Korea

Ryu Hyun Jeong
(Type or Print Name of Witness)

Ryu H-J
(Signature of Witness)

2013-09-16
Date

LEE Kyung Han
Kyung Han LEE

I certify that I know or have satisfactory evidence that Kyung Han LEE signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date September 16, 2013
(Type or Print)

Signed at Seoul, Korea

Ryu Hyun Jeong
(Type or Print Name of Witness)

Ryu H-J
(Signature of Witness)

International Application No.: PCT/KR2012/002474

U.S. Application No.:

September 16, 2013
Date

Dae Cheol
Dae Cheol KIM

I certify that I know or have satisfactory evidence that Dae Cheol KIM signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date September 16, 2013
(Type or Print)
Ryu Hyun Jeong
(Type or Print Name of Witness)

Signed at Seoul, Korea
Ryu H.J
(Signature of Witness)

2013-09-16
Date

김진진
Hyo Jin KIM

I certify that I know or have satisfactory evidence that Hyo Jin KIM signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date September 16, 2013
(Type or Print)
Ryu Hyun Jeong
(Type or Print Name of Witness)

Signed at Seoul, Korea
Ryu H.J
(Signature of Witness)

2013. 09. 16
Date

Hyun Ae BAE
Hyun Ae BAE

I certify that I know or have satisfactory evidence that Hyun Ae BAE signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date September 16, 2013
(Type or Print)
Ryu Hyun Jeong
(Type or Print Name of Witness)

Signed at Seoul, Korea
Ryu H-J
(Signature of Witness)

Sep. 16. 2013.
Date

Sang
Sang Jo LIM

I certify that I know or have satisfactory evidence that Sang Jo LIM signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date September 16, 2013
(Type or Print)
Ryu Hyun Jeong
(Type or Print Name of Witness)

Signed at Seoul, Korea
Ryu H-J
(Signature of Witness)