

11/8/04

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O. A36231 PCT USA 072944.0182

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To the Honorable Commissioner of Patents and 1.

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documents or copy thereof.

1. Name of conveying party(ies): <b>Won Yong SONG, Young Yeul YANG, YoungSook LEE,</b> Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		2. Name and address of receiving party(ies) Name: <b>POSCO</b>  Address: <b>1 Goedong-dong, Nam-ku Pohang-shi Kyungsangbuk-do, 790-300 Republic of Korea</b>  City: _____ State: _____ Zip: _____ Additional name(s) and address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other: _____  Execution Date: 10-4-2004			
4. Application number(s) or patent number(s)  If this document is being filed together with a new application, the execution date of the application is A. Patent Application No.(s) <b>10/492,880</b> B. Patent No.(s) _____ <div style="position: absolute; right: 0; top: 0; transform: rotate(90deg); font-size: small;">             11-10-2004 11 7:21              OFFICE OF THE COMPTROLLER OF THE PATENT AND TRADEMARK OFFICE           </div>			
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed:  Name:  <b>BAKER BOTTS L.L.P. 30 Rockefeller Plaza - 44 Fl. New York, NY 10112</b>		6. Total number of applications and patents involved: <b>1</b>  7. Total fee (37 CFR 3.41): <b>\$ 40</b> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number : <b>02-4377 (Charge any additional fees to this account)</b> (Attach duplicate copy of this page if paying by deposit account)	
<b>DO NOT USE THIS SPACE</b>			
9. Statement and signature  <i>To the best of my knowledge and belief, the foregoing instrumentation is true and correct and any attached copy is a true copy of the original document.</i>  <div style="display: flex; justify-content: space-between;"> <div> <b>Peter J. Shen, PTO#52,217</b>            _____            Name of Person Signing         </div> <div style="text-align: center;">             _____            Signature         </div> <div style="text-align: right;"> <b>11-5-2004</b>            _____            Date         </div> </div>			
Page <u>1</u> of <u>2</u> Total number of pages including cover sheet, attachments and document:			

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10. Additional Names of assigning party(ies):

Name of Conveying party(ies)

Continued:

InWhan HWANG, Eun Woon NOH, Young Im CHOI, Eun Hwa  
JEONG and Enrico MARTINOIA

10a. Additional Names of receiving party(ies):

Name of receiving parties

Continued:

POSTECH Foundation  
San 31, Hyoja-dong  
Nam-ku, Pohang-city  
Kyungsangbuk-do, 790-780  
Republic of Korea

11. Application number(s) or registration number(s):

A. Patent Application No.(s)

B. Patent Registration No.(s)

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Mail documents to be recorded with required cover sheet information to:

**Commissioner of Patents and Trademarks**  
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**ASSIGNMENT**

WHEREAS, We, **SONG, Won Yong; YANG, Young Yeul; LEE, YoungSook; HWANG, InWhan; NOH Eun Woon; CHOI, Young Im; JEONG, Eun Hwa**, citizens of the Republic of Korea, whose post office addresses is Department of Life Science, POSTECH Foundation, San 31, Hyoja-dong, Nam-ku, Pohang-city, Kyungsangbuk-do, Korea; Department of Biological Science, Myongji University, Nam-dong Yongin-city, Kyungki-do, Korea; 7-603, Kyosu Apt., Jigok-dong, Nam-ku, Pohang-city, Kyungsangbuk-do, Korea; 9-1702, Kyosu Apt., 756, Jigok-dong, Nam-ku, Pohang-city, Kyungsangbuk-do, Korea ; 3-106, Kangnam Apt., Guwoon-dong, Gwonseon-ku, Suwon-city, Kyungki-do, Korea; 4-809, Imkwang Apt., Maetan-dong, Paldal-ku, Suwon-city, Kyungki-do, Korea; Department of Life Science, Postech Foundation, San 31, Hyoja-dong, Nam-ku, Pohang-city, Kyungsangbuk-do, Korea; and **MARTINOIA, Enrico**, citizens of the Switzerland, whose post office address is LABORATORY OF MOLECULAR PLANT PHYSIOLOGY, INSTITUTE OF PLANT BIOLOGY, UNIVERSITY OF ZURICH, ZOLLIKERSTRASSE 107, CH-8008 ZURICH, SWITZERLAND

have made an invention for which I am about to make application for Letters Patent of the United States entitled "**TRANSGENIC ORGANISM EXPRESSING FUNGAL MRP-LIKE ABC TRANSPORTERS**"; and

WHEREAS, **POSCO, POSTECH Foundation**, a company and a university organized and existing under the laws of the Republic of Korea, and having an office in 1 Goedong-dong, Nam-ku, Pohang-shi, Kyungsangbuk-do, 790-300, Republic of Korea; San 31, Hyoja-dong, Nam-ku, Pohang-city, Kyungsangbuk-do, 790-780, Republic of Korea is desirous of acquiring the entire right, title and interest in and to said invention and any improvements thereon, and in and to the said application for Letters Patent therefor, and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that We, the said **SONG, Won Yong; YANG, Young Yeul; LEE, YoungSook; HWANG, InWhan; NOH, Eun Woon; CHOI, Young Im; JEONG, Eun Hwa; MARTINOIA, Enrico**, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to me in hand paid by said **POSCO, POSTECH Foundation**, and other valuable considerations unto me moving from said **POSCO, POSTECH Foundation** at or before the ensembling and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said **POSCO, POSTECH Foundation**, its successors and assigns, the entire right, title and interest in and to the said invention for which I am about to make application for Letters Patent of the United States entitled "**TRANSGENIC ORGANISM EXPRESSING FUNGAL MRP-LIKE ABC TRANSPORTERS**" executed concurrently herewith, and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said

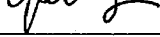
applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;


AND we, the said SONG, Won Yong; YANG, Young Yeul; LEE, YoungSook; HWANG, InWhan; NOH, Eun Woon; CHOI, Young Im; JEONG, Eun Hwa; MARTINOIA, Enrico, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said POSCO; POSTECH Foundation, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said POSCO; POSTECH Foundation, its successors and assigns;

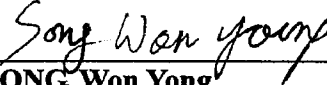
AND we, the said SONG, Won Yong; YANG, Young Yeul; LEE, YoungSook; HWANG, InWhan; NOH, Eun Woon; CHOI, Young Im; JEONG, Eun Hwa; MARTINOIA, Enrico, for the considerations aforesaid, do hereby covenant and agree to and with said POSCO; POSTECH Foundation, its successors and assigns, that I have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that I, my executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said POSCO; POSTECH Foundation, its successors and assigns, may be required or necessary more effectively to secure to and vest in said POSCO; POSTECH Foundation, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that I will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

Subscribed and executed at Pohang-City  
(Place)

on October 4, 2004  
(Date)

witness:   
(Type Name) PARK, Mi-Young

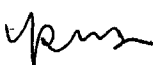
Witness:   
(Type Name) KIM, Hye-Jin

  
SONG, Won Yong

FILE NO.

Subscribed and executed at Yongin-City  
(Place)

on October 4, 2004  
(Date)

witness:   
(Type Name) PARK, Mi-Young

Witness:   
(Type Name) KIM, Hye-Jin

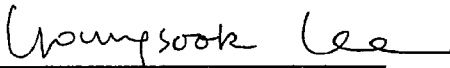
  
**YANG, Young Yeul**

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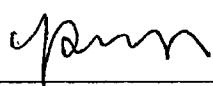
witness:   
(Type Name) PARK, Mi-Young


Witness:   
(Type Name) KIM, Hye-Jin

  
**LEE, YoungSook**

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(Place)


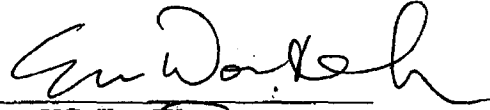
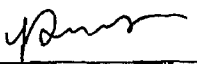

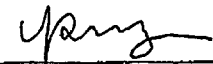
on October 4, 2004  
(Date)

witness:   
(Type Name) PARK, Mi-Young

Witness:   
(Type Name) KIM, Hye-Jin

  
**HWANG, InWhan**

FILE NO.

Subscribed and executed at Suwon-city  
(Place)on October 4, 2004  
(Date)witness:   
(Type Name) PARK, Mi-YoungWitness:   
(Type Name) KIM, Hye-Jin  
NO. Eun Won  
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Noh WonSubscribed and executed at Suwon-City  
(Place)on October 4, 2004  
(Date)witness:   
(Type Name) PARK, Mi-YoungWitness:   
(Type Name) KIM, Hye-Jin  
CHOL, Young ImSubscribed and executed at Pohang-City  
(Place)on October 4, 2004  
(Date)witness:   
(Type Name) PARK, Mi-YoungWitness:   
(Type Name) KIM, Hye-Jin  
JEONG, Eun-Hwa

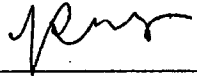
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
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(Place)

on October 4, 2004  
(Date)



MARTINOIA, Enrico

witness:   
(Type Name) PARK, Mi-Young

Witness:   
(Type Name) KIM, Hye-Jin