

11-15-2000

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Attorney Docket No.: 05204-019001  
Client's Ref. No.: 0296-5183US



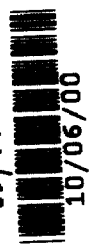
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PATENTS ONLY

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JC929 U.S. PTO  
09/684546



Commissioner for Patents: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies):  
Ching-Long Hwong; Cheng-Kai Lo  
Lung-Shen Lin; Li-Yen Edward Chang  
Additional name(s) attached?  Yes  No

2. Name and address of receiving party(ies):  
Development Center for Biotechnology  
81 Chang-Hsing Street  
Taipei, Taiwan, R.O.C.  
Additional names/addresses attached?  Yes  No

3. Nature of conveyance:  
 Assignment  
 Merger  
 Security Agreement  
 Change of Name  
 Other:  
Execution Date:  
Ching-Long Hwong - 9/7/00; Cheng-Kai Lo -  
9/7/00; Lung-Shen Lin - 9/13/00; Li-Yen Edward  
Chang - 9/20/00

4. Application number(s) or patent number(s):  
If this document is being filed with a new application, the execution date of the application is: Ching-Long Hwong - 9/7/00;  
Cheng-Kai Lo - 9/7/00; Lung-Shen Lin - 9/13/00; Li-Yen Edward Chang - 9/20/00  
A. Patent Application No(s):  
B: Patent No(s):  
Additional numbers attached?  Yes  No

09/684546

5. Name/address of party to whom correspondence concerning document should be mailed:  
Y. ROCKY TSAO  
Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804

6. Total number of applications/patents involved: 1  
7. Total fee (37 CFR §3.41): \$40  
 Enclosed  
 Authorized to charge Deposit Account.  
8. Deposit Account No.: 06-1050  
Please apply any additional charges, or any credits, to our  
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9. Statement and Signature: *To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

John T. Li  
Reg. No. 44,210  
Name of Person Signing

*John T. Li*  
Signature

10-6-00  
Date

Total number of pages including coversheet, attachments and document: 4

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October 6, 2000  
Date of Deposit

*Samantha Bell*  
Signature

*Samantha Bell*  
Typed Name of Person Signing Certificate

PATENT  
REEL: 011227 FRAME: 0417

0296-5-8343

### ASSIGNMENT

WHEREAS, Ching-Long HWONG, Cheng-Kai LO, Lung-Shen LIN and Li-Yen Edward CHANG hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: SWINE VESICULAR DISEASE VIRUS EXPRESSION VECTORS

Filed: \_\_\_\_\_ Serial No. \_\_\_\_\_

Executed on: September 7, 2000, September 13, 2000 and September 20, 2000

WHEREAS, Development Center for Biotechnology, of 81 Chang-Hsing Street, Taipei, Taiwan, R.O.C. hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Ching-Long Hwong  
Ching-Long HWONG

Sept. 7, 2000  
Date:

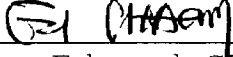
Cheng-Kai Lo  
Cheng-Kai LO

Sept. 7, 2000  
Date:

# ASSIGNMENT

\_\_\_\_\_  
Lung-Shen LIN

\_\_\_\_\_  
Date:

  
\_\_\_\_\_  
Li-Yen Edward CHANG

9-20-2000  
\_\_\_\_\_  
Date: