

FORM PTO-  
1-31-92

01-23-2001



**RECEIVED** Filed 9 OCT 2000  
APPLICATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To The Hon  
thereof.

101590703

Trademarks. Please record the attached original documents or copy. **09/622452**

1. Name of conveying party(ies):  
**David B. WEINER, Jong J. KIM and Jeong-Im SIN**

Additional name(s) of conveying party(ies)  
attached? ( ) YES (X) NO

*10-31-00*

3. Nature of Conveyance:  
(X) Assignment ( ) Merger  
( ) Security Agreement  
( ) Change of Name  
( ) Other:

Execution Date(s): 10/13/2000; 10/10/2000 and  
10/4/2000

2. Name and address of receiving party(ies):

Name: **The Trustees of the University of Pennsylvania**

Street Address: 3700 Market Street, Suite 300

City: Philadelphia

State: PA

ZIP: 19104

Additional name(s) & address attached? ( ) YES (X) NO

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)  
09/622,452

B. Patent No.(s)

*09/622452*

Additional numbers attached? ( ) YES (X) NO

5. Name and address of party to whom correspondence  
concerning documents should be mailed:

Name: Mark DeLuca  
Internal Address: WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS LLP  
One Liberty Place - 46th Floor  
Philadelphia, Pennsylvania 19103-7301

Street Address: WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS LLP  
One Liberty Place - 46th Floor  
1650 Market Street  
Philadelphia, Pennsylvania 19103-7301

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$40.00  
(X) Enclosed

( ) Authorized to be charged to Deposit Account  
Number 23-3050

8. Please charge any deficiency or credit any  
overpayment to Deposit Account Number 23-3050

**DO NOT USE THIS SPACE**

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.*

Mark DeLuca/33,229

Name of Person Signing/Reg. No.  
UPAP-0404

Signature

October 31, 2000  
Date

Total number of pages including cover sheet, attachments, and document: 5

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

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

11/02/2000 ERIMANDO 00000015 09622452

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**PATENT**  
**REEL: 011435 FRAME: 0254**

**PATENT**  
**Joint Inventors**

**(Pending Application;  
Serial No. Known)**

**DOCKET NO.: UPAP-0404**

**ASSIGNMENT**

WHEREAS, we David B. WEINER, Jong J. KIM and Jeong-Im SIN, hereinafter referred to as the assignors, residing respectively at 717 Beacom Lane, Merion Station, Pennsylvania 19066; 157 Orchard Drive, North Wales, Pennsylvania 19454 and Banpo Mido 2 APT, 501-1402, 60-5, Banpo-Dong, Seocho-Ku, Seoul, 137-788, South Korea, are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Serial No. 09/622,452, entitled VACCINES, IMMUNOTHERAPEUTICS AND METHODS FOR USING SAME; and

WHEREAS, The Trustees of the University of Pennsylvania hereinafter referred to as the assignee, of 3700 Market Street, Suite 300, Philadelphia, Pennsylvania 19104, a non-profit corporation of Pennsylvania, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to

**PATENT  
Joint Inventors**

sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Date: \_\_\_\_\_ (L.S.)  
David B. WEINER

Date: \_\_\_\_\_ (L.S.)  
Jong J. KIM

Date: 10-4-00 X  (L.S.)  
Jeong-Im SIN

**DOCKET NO.: UPAP-0404**

**ASSIGNMENT**

WHEREAS, we **David B. WEINER, Jong J. KIM and Jeong-Im SIN**, hereinafter referred to as the assignors, residing respectively at **717 Beacom Lane, Merion Station, Pennsylvania 19066; 157 Orchard Drive, North Wales, Pennsylvania 19454 and Banpo Mido 2 APT, 501-1402, 60-5, Banpo-Dong, Seocho-Ku, Seoul, 137-788, South Korea**, are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Serial No. **09/622,452**, entitled **VACCINES, IMMUNOTHERAPEUTICS AND METHODS FOR USING SAME**; and

WHEREAS, **The Trustees of the University of Pennsylvania** hereinafter referred to as the assignee, of **3700 Market Street, Suite 300, Philadelphia, Pennsylvania 19104**, a non-profit corporation of **Pennsylvania**, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

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**PATENT**  
**Joint Inventors**

sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Date: 10/13/00

David B. Weiner (L.S.)  
David B. WEINER

Date: 10/10/00

Jong J. Kim (L.S.)  
Jong J. KIM

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

\_\_\_\_\_  
Jeong-Im SIN