

## 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>JOON YOUB LEE</td><td>11/26/2004</td></tr><tr><td>DONG-HYEON KIM</td><td>11/26/2004</td></tr><tr><td>YEONSEOK CHUNG</td><td>11/26/2004</td></tr><tr><td>SUN-YOUNG CHANG</td><td>11/10/2004</td></tr><tr><td>KYUNG-CHUL LEE</td><td>11/10/2004</td></tr><tr><td>CHANG-YUIL KANG</td><td>11/10/2004</td></tr></tbody></table>		Name	Execution Date	JOON YOUB LEE	11/26/2004	DONG-HYEON KIM	11/26/2004	YEONSEOK CHUNG	11/26/2004	SUN-YOUNG CHANG	11/10/2004	KYUNG-CHUL LEE	11/10/2004	CHANG-YUIL KANG	11/10/2004
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CHANG-YUIL KANG	11/10/2004														
RECEIVING PARTY DATA															
Name:	PANGENOMICS CO., LTD.														
Street Address:	304 BIOTECHNOLOGY INCUBATING CENTER														
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City:	SEOUL														
State/Country:	REPUBLIC OF KOREA														
Postal Code:	151-742														
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>12705516</td></tr></tbody></table>		Property Type	Number	Application Number:	12705516										
Property Type	Number														
Application Number:	12705516														
CORRESPONDENCE DATA															
Fax Number:	(202)371-2540														
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OP \$40.00 12705516

501157065

PATENT  
REEL: 024281 FRAME: 0669

NAME OF SUBMITTER:

ELIZABETH J. HAANES

Total Attachments: 2

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## Assignment

Whereas, I/We, Joon Youb LEE; Dong-Hyeon KIM; Yeonseok CHUNG; Sun-Young CHANG; Kyung-Chul LEE; and Chang-Yuil KANG of Hyundai Apt. 76-503, Apkujung-dong, Kangnam-gu, Seoul 135-110, Republic of Korea; #1267-329, Mia-6-dong, Kangbuk-gu, Seoul 142-106, Republic of Korea; Hanyang Apt. 10-303, Apkujung-dong, Kangnam-gu, Seoul 135-110, Republic of Korea; 5 Fl., #602-15, Sindaebang-dong, Dongjak-gu, Seoul 156-010, Republic of Korea; Banpo Apt. 111-203, Banpobon-dong, Seocho-gu, Seoul 137-049, Republic of Korea; and Daewoo Hyoryung Apt. 104-502, Bangbae-dong, Seocho-gu, Seoul 137-060, Republic of Korea hereinafter called assignor(s), have invented certain improvements in

### HER-2/NEU DNA VACCINE HAVING ANTI-CANCER ACTIVITY

and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas,

PanGenomics Co., Ltd. of

#304 Biotechnology Incubating Center, Seoul National  
University, San 56-1, Shillim-dong, Kwanak-gu, Seoul  
151-742, Republic of Korea

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the application number and filing date of said application when known.

Date: November 26, 2004

Lee  
s/ Joon Youb LEE

Date: November 26, 2004

Dong-Hyeon Kim  
s/ Dong-Hyeon KIM


PATENT

REF1 - 016505 FRAME - 0706


PATENT

REEL: 024281 FRAME: 0671

Date: November 26, 2004

  
s/ Yeonseok CHUNG

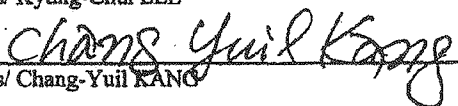
Date: November 10, 2004

  
s/ Sun-Young CHANG

Date: November 10, 2004

  
s/ Kyung-Chul LEE

Date: November 10, 2004

  
s/ Chang-Yuil KANG

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

RECORDED: 01/14/2005

RECORDED: 04/23/2010

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REEL: 024281 FRAME: 0672