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- (1) HYO JEONG HONG
- (2) CHUN JEIH RYU
- (3) HYANGSUK HUR

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

- (1) KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY
39-1 Hawolkok-dong, Sungbuk-ku
136-130 Seoul
Republic of Korea
- (2) KOREA GREEN CROSS CORPORATION
227 Gugal-ri, Kiheung-eup, Yongin-si
449-900 Kyonggido
Republic of Korea

Additional name(s) of conveying party(ies) attached? No

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3. Nature of conveyance:

Assignment

Execution Date: (1) April 20, 2001, (2) April 20, 2001, (3) April 20, 2001

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: April 20, 2001

A. Patent Application No.(s)

B. Patent No.(s)

09 856114

Additional numbers attached? No

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

Name: Karen S. Canady
Address: GATES & COOPER LLP
6701 Center Drive West, Suite 1050
Los Angeles, CA 90045

6. Total number of applications and patents involved: One

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PATENT
REEL: 011951 FRAME: 0595

ASSIGNMENT

INSTRUCTIONS

Inventor(s) names

WHEREAS, Hyo Jeong Hong, Chun Jaih Ryu, Hyangsook Hur
(hereinafter "Assignor(s)");

Title and International
Application Number and
Filing Date

made certain new and useful inventions and improvements which are
entitled HUMANIZED ANTIBODY SPECIFIC FOR SURFACE
ANTIGEN PRE-SI OF HBV AND PREPARATION METHOD
THEREOF

and which are disclosed in International Application Number
PCT/KR99/00699, filed on November 19, 1999;

Name of Corporation

AND WHEREAS,

State or Country or
Incorporation

A) KOREA INSTITUTE OF SCIENCE AND
TECHNOLOGY

Address

39-1 Hawolkok-dong, Sungbuk-ku, 136-130, Seoul,
Republic of Korea

B) KOREA GREEN CROSS CORPORATION
227 Gugal-ri, Kiheung-eup, Yongin-si, 449-900, Kyonggido,
Republic of Korea

are corporations organized and existing under and by virtue of
the laws of Republic of Korea, (hereinafter "Assignee") are
desirous of jointly acquiring the entire right, title and interest in
and to said inventions, improvements and application and in and
to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known
that for and in consideration of the sum of One Dollar and other good
and valuable considerations, the receipt and sufficiency whereof is
hereby acknowledged, Assignor(s) have sold, assigned, and transferred,
and by these presents do sell, assign and transfer unto said Assignee, its
successors or assigns, the entire right, title and interest for all countries
in and to all inventions and improvements disclosed in the aforesaid
application, and in and to the application, all divisions, continuations, or
renewals thereof, all Letters Patent which may be granted therefrom,
and all reissues or extensions of such patents, and in and to any and all
applications which have been or shall be filed in any foreign countries
for Letters Patent on the inventions and improvements, including an
assignment of all rights under the provisions of the International
Convention, and all Letters Patent of foreign countries which may be
granted therefrom; and do hereby authorize and request the
Commissioner of Patents and Trademarks to issue any and all United
States Letters Patent for the aforesaid inventions and improvements to
the Assignee as the assignee of the entire right, title and interest in and
to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, Assignor(s) do hereby
agree that they and their executors and legal representatives will make,
execute and deliver any and all other instruments in writing including
any and all further application papers, affidavits, assignments and other
documents, and will communicate to said Assignee, its successors and
representatives all facts known to Assignor(s) relating to said
improvements and the history thereof and will testify in all legal
proceedings and generally do all things which may be necessary or
desirable more effectually to secure to and vest in said Assignee, its

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REEL: 011951 FRAME: 0596

successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore Assignor(s) covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by Assignor(s) and that full right to convey the same as herein expressed is possessed by Assignor(s). An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

Inventor(s) must sign and date
Note: No Legalization or other witness required

Date: April 20, 2001 Signature: H. J. Hong
Name: Hyo Jeong Hong

Date: April 20, 2001 Signature: Chun Jeih Ryu
Name: Chun Jeih Ryu

Date: April 20, 2001 Signature: Hyang Suk Hur
Name: Hyang Suk Hur