

Client Code: HYLEE62.001APC

04-24-2002



ET

10/018507

102062032

TO THE ASSISTANT COMMISSIONER FOR PATENTS: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

1) Young-Jun PARK; 2) Hae-Young BAE; 3) Ji -Uk Y00;  
4) Myeong-Yun CHAE; 5) Sang-Hyun PAEK;  
6) Hye-Kyung MIN; 7) Hyun-Gyu PARK;  
8) Choon-Ho RYU; 9) Kyung-Chul KIM;  
10) Jeoung-Wook LEE

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

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

**Name:** Samsung Electronics Co. Ltd.  
**Street Address:** 416, Maetan-dong, Paldal-gu Suwon  
**City:** Kyunggi-do 442-742 **State:** Republic of Korea

Additional name(s) of receiving party(ies) attached?  
( ) Yes (X) No

3. Nature of conveyance:

- (X) Assignment  
( ) Merger  
( ) Security Agreement  
( ) Change of Name  
( ) Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) 1) 11/23/01; 2) 11/23/01; 3) 11/23/01; 4) 11/23/01; 5) 11/23/01; 6) 11/23/01; 7) 11/23/01; 8) 11/23/01; 9) 11/23/01; 10) 11/23/01

4. Application number(s) or Patent number(s):

(X) Application(s) filed herewith  
Execution Date(s): 1) 11/23/01; 2) 11/23/01;  
3) 11/23/01; 4) 11/23/01; 5) 11/23/01;  
6) 11/23/01; 7) 11/23/01; 8) 11/23/01;  
9) 11/23/01; 10) 11/23/01

( ) Patent Application No.:  
Filing Date:  
( ) Patent No.:  
Issue Date:

Additional numbers attached? ( ) Yes (X) No

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

**Name:** Che Swyden Chereskin, Ph.D.  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
**Customer No.** 20,995  
**Internal Address:** Sixteenth Floor  
**Street Address:** 620 Newport Center Drive  
**City:** Newport Beach **State:** CA **ZIP:** 92660  
**Attorney's Docket No.:** HYLEE62.001APC

(X) Enclosed  
( ) Authorized to be charged to deposit account

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Che Swyden Chereskin, Ph.D.  
Name of Person Signing

Che S. Chereskin  
Signature

December 6, 2001  
Date

41,466  
Registration No.

Total number of pages including cover sheet, attachments and document: 3

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

U.S. Patent and Trademark Office  
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Crystal Gateway-4  
1213 Jefferson Davis Highway, Suite 320  
Arlington, VA 22202

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**PATENT**  
**REEL: 012625 FRAME: 0858**

ASSIGNMENT

WHEREAS, We, PARK, Young-Jun, a Republic of Korea citizen, residing at 102-605 Sejong Apartment, Jeonmin-dong, Yusong-gu, Taejon 305-390, Republic of Korea; BAE, Hae-Young, a Republic of Korea citizen, residing at 111-607 Sejong Apartment, Jeonmin-dong, Yusong-gu, Taejon 305-390, Republic of Korea; YOO, Ji-Uk, a Republic of Korea citizen, residing at 506-1501 Expo Apartment, Jeonmin-dong, Yusong-gu, Taejon 305-390, Republic of Korea; CHAE, Myeong-Yun, a Republic of Korea citizen, residing at 110-304 Sejong Apartment, Jeonmin-dong, Yusong-gu, Taejon 305-390, Republic of Korea; PAEK, Sang-Hyun, a Republic of Korea citizen, residing at 111-902 Sejong Apartment, Jeonmin-dong, Yusong-gu, Taejon 305-390, Republic of Korea; MIN, Hye-Kyung, a Republic of Korea citizen, residing at 101-1304 Sejong Apartment, Jeonmin-dong, Yusong-gu, Taejon 305-390, Republic of Korea; PARK, Hyun-Gyu, a Republic of Korea citizen, residing at 111-1408 Sejong Apartment, Jeonmin-dong, Yusong-gu, Taejon 305-390, Republic of Korea; RYU, Choon-Ho, a Republic of Korea citizen, residing at 110-304 Sejong Apartment, Jeonmin-dong, Yusong-gu, Taejon 305-390, Republic of Korea; KIM, Kyung-Chul, a Republic of Korea citizen, residing at 111-501 Sejong Apartment, Jeonmin-dong, Yusong-gu, Taejon 305-390, Republic of Korea; and, LEE, Jeoung-Wook, a Republic of Korea citizen, residing at 101-701 Sejong Apartment, Jeonmin-dong, Yusong-gu, Taejon 305-390, Republic of Korea, have invented certain new and useful improvements in a **SULFONAMIDE DERIVATIVE AS A MATRIX METALLOPROTEINASE INHIBITOR** specification of which was described and claimed in PCT International Application No. PCT/KR01/00585 filed on April 7, 2001.

AND WHEREAS, SAMSUNG ELECTRONICS CO., LTD. (hereinafter "ASSIGNEE"), with its principal place of business at 416, Maetan-dong, Paldal-gu, Suwon, Kyunggi-do 442-742, Republic of Korea, desires to acquire the entire right, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

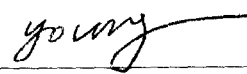
NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents 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 all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.


Date: 23 Nov. 2001

Signature:   
PARK, Young-Jun

Date: 23 Nov. 2001

Signature:   
BAE, Hae-Young

Date: 23 Nov. 2001

Signature:   
YOO, Ji-Uk

Date: 23 Nov. 2001

Signature: M. Y. Chae  
CHAE, Myeong-Yun

Date: 23 Nov. 2001

Signature: Sang-Hyun Park  
PAEK, Sang-Hyun

Date: 23 Nov. 2001

Signature: Min Hye-Kyung  
MIN, Hye-Kyung

Date: 23 Nov. 2001

Signature: H. G. Park  
PARK, Hyun-Gyu

Date: 23 Nov. 2001

Signature: Ryu Choon-Ho  
RYU, Choon-Ho

Date: 23 Nov. 2001

Signature: Kim Kyung-Chul  
KIM, Kyung-Chul

Date: 23 Nov. 2001

Signature: J. W. Lee  
LEE, Jeoung-Wook

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