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01-18-2005



102921448

RECORDATION FORM

To the Director of the U.S. Patent :
Please record the attached original document

1. Name of conveying party(ies):

[FAMILY NAME (ALL CAPS), Given Name]

CHOI, Jong-Ryoo

KIM, Jeong-Min

ROH, Kee-Yoon

CHO, Dong-Gyu

LIM, Jae-Hong

Additional name(s) of conveying party(ies) attached?

YES NO

2. Name and address of receiving party(ies)

Name: **LG LIFE SCIENCES LTD.**

Internal Address:

Street Address: **20, Yoido-dong, Youngdungpo-ku**

City: **Seoul** State: ZIP:

Country: **KOREA** Postal Code: **150-010**

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other:

Execution Date: **April 24, 2003**

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).

10/450,780

B. Patent No.(s).

Additional numbers attached? YES NO

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

Name: **BIRCH, STEWART, KOLASCH & BIRCH, LLP**

Street Address: **P.O. BOX 747**

City: **FALLS CHURCH** State: **VA** ZIP: **22040-0747**

Country: **USA**

6. Total No. of applications/patents involved: **ONE (1)**

7. Total fee (37 C.F.R. § 3.41): **\$40.00**

- Enclosed
- Authorized to be charged to deposit account, **if no fee attached.**

8. Deposit account number: **02-2448**

(Attach triplicate copy of this page if paying by deposit account)

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9. Statement and signature.

James T. Eller, Jr., #39,538
Name of Person Signing/Reg. No.

Signature

January 11, 2005
Date

Total number of pages including cover sheet, attachments, and document: **Ten (10)**

01/13/2005 ECDOPER 00000000 10450780

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(Rev. 04/30/03)

Attachment to
RECORDATION FORM COVER SHEET

Continuation of Box 1--Name of conveying party(ies):

HWANG, Jae-Taeg

CHO, Woo-Young

JANG, Jae-Sook

LEE, Chang-Ho

CHOI, Tae-Saeng

KIM, Chung-Mi

KIM, Yong-Zu

KIM, Tae-Kyun

CHO, Seung-Joo

KIM, Gyoung-Won

Continuation of Box 2--Name and address of receiving party(ies):

Continuation of Box 4--Application number(s) or patent number(s):

AD581/40

10/450780
D111 Rec'd PCT/PTO 18 JUN 2003

Atty. Docket No.: 1599-0248P
Page 1 of 2

6-1703

12-22-2004

COVER SHEET



102825828

Trademark Office:
Documents or copy thereof.

1. Name of conveying party

[FAMILY NAME (ALL CAPS), Given Name]

CHOI, Jong-Ryoo

KIM, Jeong-Min

ROH, Kee-Yoon

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- Other:

Execution Date: April 24, 2003

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A. Patent Application No(s).

NEW 10/450780

B. Patent No.(s).

Additional numbers attached? YES NO

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(Attach triplicate copy of this page if paying by deposit account)

06/24/2003 MKAYPAGH 00000055 10450780

02 FC:8021 40.00 DP

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9. Statement and signature.

Joseph A. Kolasch, #22,463
Name of Person Signing/Reg. No.

Signature

June 18, 2003
Date

Total number of pages including cover sheet, attachments, and document: FOUR (4)

Attachment to
RECORDATION FORM COVER SHEET

Continuation of Box 1--Name of conveying party(ies):

- HWANG, Jae-Taeg
- CHO, Woo-Young
- JANG, Jae-Sook
- LEE, Chang-Ho
- CHOI, Tae-Saeng
- KIM, Chung-Mi
- KIM, Yong-Zu
- KIM, Tae-Kyun
- CHO, Seung-Joo
- KIM, Gyoung

Continuation of Box 2--Name and address of receiving party(ies):

Continuation of Box 4--Application number(s) or patent number(s):

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No. NEW Filed June 18, 2003

Insert Name(s)
of Inventor(s)

*****(Given Name FAMILY NAME (ALL CAPS))*****

WHEREAS,	Jong-Ryoo CHOI	Jeong-Min KIM
Kee-Yoon ROH	Dong-Gyu CHO	Jae-Hong KIM LIM
Jae-Taeq HWANG	Woo-Young CHO	Hyun-Sook JANG
Chanq-Ho LEE	Tae-Saeng CHOI	Chung-Mi KIM
Yong-Zu KIM	Tae-Kyun KIM	Seung-Joo CHO
Gyoung-Won KIM		

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

Insert Title
of Invention

NOVEL ACYCLIC NUCLEOSIDE PHOSPHONATE DERIVATIVES, SALTS THEREOF AND PROCESS FOR THE PREPARATION OF THE SAME

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date
of Signing of
Application

on April 24, 2003; and

Insert Name
of Assignee

WHEREAS, LG LIFE SCIENCES LTD.

Insert Address
of Assignee

20, Yoido-dong, Youngdungpo-ku, 150-010 Seoul, Republic of Korea

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

CHECK BOX
IF APPROPRIATE

in any foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Apr. 24, 2003

Name of Inventor

(signature)

Jeong-Ryoo CHOI
Jeong-Ryoo CHOI

Date Apr. 24, 2003

Name of Inventor

(signature)

Jeong-Min KIM
Jeong-Min KIM

Date Apr. 24, 2003

Name of Inventor

(signature)

Kee-Yoon ROH
Kee-Yoon ROH

Date Apr. 24, 2003

Name of Inventor

(signature)

Dong-Gyu CHO
Dong-Gyu CHO

Date Apr. 24, 2003

Name of Inventor

(signature)

Jae-Hong LIM
Jae-Hong LIM

Date Apr. 24, 2003

Name of Inventor

(signature)

Jae-Taeg HWANG
Jae-Taeg HWANG

Date <u>Apr. 24, 2003</u>	Name of Inventor <u>Woo-Young CHO</u> (signature) <u>Woo-Young CHO</u>
Date <u>Apr. 24, 2003</u>	Name of Inventor <u>Jang Hyunsook</u> (signature) <u>Hyun-Sook JANG</u>
Date <u>Apr. 24, 2003</u>	Name of Inventor <u>Lee, Chang ho</u> (signature) <u>Chang-Ho LEE</u>
Date <u>Apr. 24, 2003</u>	Name of Inventor <u>Choi Tae Saeng</u> (signature) <u>Tae-Saeng CHOI</u>
Date <u>Apr., 24, 2003</u>	Name of Inventor <u>Kim chung Mi</u> (signature) <u>Chung-Mi KIM</u>
Date <u>Apr. 24, 2003</u>	Name of Inventor <u>Yong Zu</u> (signature) <u>Yong-Zu KIM</u>
Date <u>Apr. 24, 2003</u>	Name of Inventor <u>Kim, Tae-Kyun</u> (signature) <u>Tae-Kyun KIM</u>
Date <u>Apr. 24, 2003</u>	Name of Inventor <u>Choseung Joo</u> (signature) <u>Seung-Joo CHO</u>
Date <u>Apr. 24, 2003</u>	Name of Inventor <u>Gyoung-won KIM</u> (signature) <u>Gyoung-Won KIM</u>
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)