

03-23-2001

FORM PTO-1595 (Modified)
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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings

101645294

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**CHOI, Giltsu
JOHNSON, Eric T.
YI, Hankuil
SHIN, Byongchul**

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

3-6-01

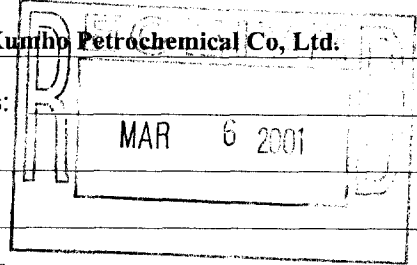
- Assignment Merger
- Security Agreement Change of Name
- Other Sept. 1, 2000, Sept. 1, 2000

Execution Date: Sept. 2, 2000, Sept. 7, 2000

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

Name: Korea Kumho Petrochemical Co, Ltd.

Internal Address:



Street Address: 70 Seolin-Dong, Chongno-gu,

City: Seoul, Korea State: _____ ZIP: _____

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/638,715

B. Patent No.(s)

Doc. ID No.
101536612

Additional numbers attached? Yes No

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

Name: Diane Dunn McKay

Internal Address: Mathews, Collins, Shepherd & Gould

Street Address: 100 Thanet Circle, Suite 306

City: Princeton State: NJ ZIP: 08540

6. Total number of applications and patents involved:

1

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

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

13-2165

40E

03/22/2001 TDIAZ1 00000063 09638715

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01 FE-5A1 40.00 DP

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.

Diane Dunn McKay

February 16, 2001

Name of Person Signing

Signature

5

Date

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

PATENT

REEL: 011598 FRAME: 0578

ASSIGNMENT

WHEREAS, CHOI, Giltsu as assignor has invented certain improvements in GENETIC SEQUENCES ENCODING SUBSTRATE-SPECIFIC DEHYDROFLAVONOL 4-REDUCTASE AND USES THEREFOR for which an application for United States Letters Patent has been executed by him/her on 09/628,215 filed on August 16, 1998 and whereas Korea Kumho Petrochemical Co., Ltd. #70 Seokan-Dong, Changno-gu, Seoul Korea as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Letters Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar(s) (\$ 1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, as assignor hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for a Letters Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all countries foreign, and the Commissioner of Patents is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for him and his legal representative, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representative all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

Choi Giltsu 9/2/2000
 Assignor: CHOI, Giltsu

State of _____) ss:

County of _____)

On this _____ day of _____, 1998, before me personally came _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

 Notary Public

ASSIGNMENT

WHEREAS, ^{GENETIC SEQUENCES ENCODING SUBSTRATE-SPECIFIC} Eric T. Johnson as assignor has invented certain improvements in ~~DIHYDROFLAVONOL 4-REDUCTASE AND USES THEREFOR~~ ^{DIHYDROFLAVONOL 4-REDUCTASE AND USES THEREFOR} for which an application for United States Letters Patent has been executed by him/her on 09/638,715 filed on August 14, 1998 ²⁰⁰⁰ and whereas Korea Kumho Petrochemical Co., Ltd. #70 Seotin-dong, Chongno-gu, Seoul, Korea as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Letters Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar(s) (\$ 1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, as assignor hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for a Letters Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all countries foreign, and the Commissioner of Patents is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for him and his legal representative, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representative all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

Eric T. Johnson 9-7-2000
 Assignor: Eric T. Johnson

State of _____) ss:

County of _____)

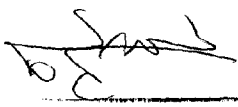
On this _____ day of _____, 1998, before me personally came _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

 Notary Public

ASSIGNMENT

WHEREAS, YI, Hankuil as assignor has invented certain improvements in GENETIC SEQUENCES ENCODING SUBSTRATE-SPECIFIC DEHYDROFLAVONOL 4-REDUCTASE AND USES THEREFOR for which an application for United States Letters Patent has been executed by him/her on 09/628,715 filed on August 14, 1998 and whereas Korea Kumho Petrochemical Co., Ltd. #70 Seokim-Dong, Chongno-gu, Seoul, Korea as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Letters Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar(s) (\$ 1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, as assignor hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for a Letters Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all countries foreign, and the Commissioner of Patents is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for him and his legal representative, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representative all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.



9-1-2000

Assignor: YI, Hankuil

State of _____) ss:

County of _____)

On this _____ day of _____, 1998, before me personally came _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public