

## PATENT ASSIGNMENT

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NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
Arata YANAGISAWA	05/09/2008
Takeshi KUBOYAMA	05/07/2008
Seiji ARATAKE	05/09/2008
Kazuki HEMMI	05/09/2008
Kimihisa UENO	05/09/2008
Michihiko SUZUKI	05/09/2008
Masahiro MATSUBARA	05/09/2008
Kozo YAO	05/09/2008
Akinori HAMAGUCHI	05/09/2008
Yukihito TSUKUMO	05/09/2008

## RECEIVING PARTY DATA

Name:	Kyowa Hakko Kogyo Co., Ltd.
Street Address:	6-1, Ohtemachi 1-chome
Internal Address:	Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	100-8185

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12162119

## CORRESPONDENCE DATA

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Correspondent Name: John Kilyk, Jr.

PATENT

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ATTORNEY DOCKET NUMBER:	703347
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NAME OF SUBMITTER:	John Kilyk, Jr.
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**Total Attachments: 8**

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Leydig, Voit & Mayer, Ltd.  
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Two Prudential Plaza  
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ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS, WE,

Arata YANAGISAWA of c/o Pharmaceutical Research Center, KYOWA HAKKO KOGYO CO., LTD.,  
1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 Japan  
(full name and address, including postal code, of first inventor)

Takeshi KUBOYAMA of c/o Pharmaceutical Research Center, KYOWA HAKKO KOGYO CO., LTD.,  
1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 Japan  
(full name and address, including postal code, of second inventor)

Seiji ARATAKE of c/o Pharmaceutical Research Center, KYOWA HAKKO KOGYO CO., LTD.,  
1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 Japan  
(full name and address, including postal code, of third inventor)

Kazuki HEMMI of c/o Pharmaceutical Research Center, KYOWA HAKKO KOGYO CO., LTD.,  
1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 Japan  
(full name and address, including postal code, of fourth inventor)

Kimihisa UENO of c/o Pharmaceutical Research Center, KYOWA HAKKO KOGYO CO., LTD.,  
1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 Japan  
(full name and address, including postal code, of fifth inventor)

Michihiko SUZUKI of c/o Pharmaceutical Research Center, KYOWA HAKKO KOGYO CO., LTD.,  
1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 Japan  
(full name and address, including postal code, of sixth inventor)

Masahiro MATSUBARA of c/o Pharmaceutical Research Center, KYOWA HAKKO KOGYO CO.,  
LTD., 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 Japan  
(full name and address, including postal code, of seventh inventor)

Kozo YAO of c/o Pharmaceutical Research Center, KYOWA HAKKO KOGYO CO., LTD.,  
1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 Japan  
(full name and address, including postal code, of eighth inventor)

Akinori HAMAGUCHI of c/o Pharmaceutical Research Center, KYOWA HAKKO KOGYO CO., LTD.,  
1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 Japan  
(full name and address, including postal code, of ninth inventor)

Yukihito TSUKUMO of c/o Pharmaceutical Research Center, KYOWA HAKKO KOGYO CO., LTD.,  
1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 Japan  
(full name and address, including postal code, of tenth inventor)

respectively, have invented and own a certain new and useful invention entitled:

TRICYCLIC COMPOUNDS

for which invention we have executed an application for Letters Patent of the United States which was filed  
on July 24, 2008, under Serial No. 12/162,119; and

**WHEREAS,**

KYOWA HAKKO KOGYO CO., LTD. of 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 Japan  
(full name and address, including postal code, of assignee)

(hereinafter referred to as Assignee) is desirous of acquiring the entire right, title, and interest in and under the invention described in the application for Letters Patent.

**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:** Be it known that for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we have assigned and set over, and by this document do assign and set over, to the Assignee and the Assignee's legal representatives, successors and assigns the entire right, title, and interest in and to the invention in the United States the applications for Letters Patent and other such applications (e.g., continuations, continuations-in-part, divisionals and reissues) in the United States, and the Letters Patent, or extensions thereof, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the Letters Patent to the above-mentioned Assignee agreeably with the terms of this Assignment.

**WE HEREBY AUTHORIZE** the above-mentioned Assignee to insert in this assignment document the filing date and serial number of the application if the date and number are unknown at the time this assignment is executed.

**WE DO HEREBY COVENANT** and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuation, renewal, reissued, or extended Letters Patent of the United States or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

**IN WITNESS WHEREOF,** we have hereunder set our hands on the dates shown below:

Arata Yanagisawa  
Signature of First Inventor      Arata YANAGISAWA

May 9, 2008  
Date

Shinji Nara May 9, 2008  
Witness      Shinji NARA      Date

Yoshisuke Nakasato May 9, 2008  
Witness      Yoshisuke NAKASATO      Date

Signature of Second Inventor Takeshi KUBOYAMA

Witness Date

Date

Witness Date

Seiji Aratake  
Signature of Third Inventor Seiji ARATAKE

Daisuke Nakashima May 9, 2008  
Witness Daisuke NAKASHIMA Date

May 9, 2008  
Date

Keisuke Yamamoto May 9, 2008  
Witness Keisuke YAMAMOTO Date

Kazuki HEMMI  
Signature of Fourth Inventor Kazuki HEMMI

Daisuke Nakashima May 9, 2008  
Witness Daisuke NAKASHIMA Date

May 9, 2008  
Date

Keisuke Yamamoto May 9, 2008  
Witness Keisuke YAMAMOTO Date

Kimihisa Ueno  
Signature of Fifth Inventor Kimihisa UENO

Daisuke Nakashima May 9, 2008  
Witness Daisuke NAKASHIMA Date

May 9, 2008  
Date

Keisuke Yamamoto May 9, 2008  
Witness Keisuke YAMAMOTO Date

Michihiko Suzuki  
Signature of Sixth Inventor Michihiko SUZUKI

Kaori Tozaki May 9, 2008  
Witness Kaori TOZAKI Date

May 9, 2008  
Date

Junichi Saito May 9, 2008  
Witness Junichi SAITO Date

Masahiro Matsubara  
Signature of Seventh Inventor Masahiro MATSUBARA

May 9, 2008  
Date

Kozo YAO  
Signature of Eighth Inventor Kozo YAO

May 9, 2008  
Date

Akinori Hamaguchi  
Signature of Ninth Inventor Akinori HAMAGUCHI

May 9, 2008  
Date

Yukihito Tsukumo  
Signature of Tenth Inventor Yukihito TSUKUMO

May 9, 2008  
Date

Katsutoshi Sasaki May 9, 2008  
Witness Katsutoshi SASAKI Date

Hiromichi Kosaka May 9, 2008  
Witness Hiromichi KOSAKA Date

Makoto Yoshida May 9, 2008  
Witness Makoto YOSHIDA Date

Shinichi Toki May 9, 2008  
Witness Shinichiro TOKI Date

Tsuyoshi Yamagata May 9, 2008  
Witness Tsuyoshi YAMAGATA Date

Masako Uchii May 9, 2008  
Witness Masako UCHII Date

Tsuyoshi Yamagata May 9, 2008  
Witness Tsuyoshi YAMAGATA Date

Masako Uchii May 9, 2008  
Witness Masako UCHII Date

Leydig, Voit & Mayer, Ltd.  
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Two Prudential Plaza  
Suite 4900  
180 North Stetson  
Chicago, Illinois 60601-6780

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1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 Japan  
(full name and address, including postal code, of first inventor)

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Kazuki HEMMI of c/o Pharmaceutical Research Center, KYOWA HAKKO KOGYO CO., LTD.,  
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(full name and address, including postal code, of fourth inventor)

Kimihiisa UENO of c/o Pharmaceutical Research Center, KYOWA HAKKO KOGYO CO., LTD.,  
1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 Japan  
(full name and address, including postal code, of fifth inventor)

Michihiko SUZUKI of c/o Pharmaceutical Research Center, KYOWA HAKKO KOGYO CO., LTD.,  
1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 Japan  
(full name and address, including postal code, of sixth inventor)

Masahiro MATSUBARA of c/o Pharmaceutical Research Center, KYOWA HAKKO KOGYO CO.,  
LTD., 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 Japan  
(full name and address, including postal code, of seventh inventor)

Kozo YAO of c/o Pharmaceutical Research Center, KYOWA HAKKO KOGYO CO., LTD.,  
1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 Japan  
(full name and address, including postal code, of eighth inventor)

Akinori HAMAGUCHI of c/o Pharmaceutical Research Center, KYOWA HAKKO KOGYO CO., LTD.,  
1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 Japan  
(full name and address, including postal code, of ninth inventor)

Yukihito TSUKUMO of c/o Pharmaceutical Research Center, KYOWA HAKKO KOGYO CO., LTD.,  
1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 Japan  
(full name and address, including postal code, of tenth inventor)

respectively, have invented and own a certain new and useful invention entitled:

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for which invention we have executed an application for Letters Patent of the United States which was filed  
on July 24, 2008, under Serial No. 12/162,119; and

**WHEREAS,**

**KYOWA HAKKO KOGYO CO., LTD. of 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 Japan**  
(full name and address, including postal code, of assignee)

(hereinafter referred to as Assignee) is desirous of acquiring the entire right, title, and interest in and under the invention described in the application for Letters Patent.

**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:** Be it known that for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we have assigned and set over, and by this document do assign and set over, to the Assignee and the Assignee's legal representatives, successors and assigns the entire right, title, and interest in and to the invention in the United States the applications for Letters Patent and other such applications (e.g., continuations, continuations-in-part, divisionals and reissues) in the United States, and the Letters Patent, or extensions thereof, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the Letters Patent to the above-mentioned Assignee agreeably with the terms of this Assignment.

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**WE DO HEREBY COVENANT** and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuation, renewal, reissued, or extended Letters Patent of the United States or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

**IN WITNESS WHEREOF,** we have hereunder set our hands on the dates shown below:

\_\_\_\_\_  
Signature of First Inventor    **Arata YANAGISAWA**

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Date



Takeshi Kuboyama  
Signature of Second Inventor Takeshi KUBOYAMA

May 7, 2008  
Date

\_\_\_\_\_  
Signature of Third Inventor Seiji ARATAKE

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Fourth Inventor Kazuki HEMMI

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Fifth Inventor Kimihisa UENO

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Sixth Inventor Michihiko SUZUKI

\_\_\_\_\_  
Date

Misato Takashima May 7, 2008  
Witness Misato TAKASHIMA Date

Masahiro Kurahashi May 7, 2008  
Witness Masahiro KURAHASHI Date

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Witness Date

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Witness Date

Signature of Seventh Inventor

Masahiro MATSUBARA

Date \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_

Signature of Eighth Inventor

Kozo YAO

Date \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_

Signature of Ninth Inventor

Akinori HAMAGUCHI

Date \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_

Signature of Tenth Inventor

## Yukihito TSUKUMO

Date \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_