

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Tadakazu YAMAUCHI	04/20/2007
Hideaki SUEOKA	05/14/2007
Kouichi TSUCHIYA	04/23/2007
Katsuhisa MURAYAMA	05/14/2007
Ken HORIUCHI	04/25/2007
Kazuo KOMIYA	04/20/2007
Morikazu KITO	04/23/2007
Takeshi TSUTSUMI	05/09/2007
Yuko ISONO	04/20/2007
Yorimasa SUWA	04/25/2007
RECEIVING PARTY DATA	
Name:	Reverse Proteomics Research Institute Co., Ltd.
Street Address:	9-11, Kajicho 1-chome, Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	101-0044
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11577575
CORRESPONDENCE DATA	
Fax Number:	(312)616-5700
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(312) 616-5600
Email:	assignments@leydig.com
Correspondent Name:	John Kilyk, Jr.
Address Line 1:	Leydig, Voit & Mayer, Ltd.

CH \$40.00 11577575

500387070

PATENT
REEL: 020038 FRAME: 0908

Address Line 2:	Two Prudential Plaza, Suite 4900
Address Line 4:	Chicago, ILLINOIS 60601-6731

ATTORNEY DOCKET NUMBER:	701522
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NAME OF SUBMITTER:	John Kilyk, Jr.
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Total Attachments: 12

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

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS, WE,

Tadakazu YAMAUCHI of c/o Pharmaceutical Research Center of Mochida Pharmaceutical Co., Ltd., 722, Aza Uenohara, Jinba, Gotenba-shi, Shizuoka 412-8524 Japan

(full name and address, including postal code, of first inventor)

Hideaki SUEOKA of c/o Genomic Research Laboratories, Research Division, Dainippon Sumitomo Pharma Co., Ltd., 1-98, Kasugadenaka 3-chome, Konohana-ku, Osaka-shi, Osaka 554-0022 Japan

(full name and address, including postal code, of second inventor)

Kouichi TSUCHIYA of c/o PHARMACEUTICAL RESEARCH LABORATORIES R. & D. GROUP of NIPPON KAYAKU CO., LTD., 3-31-12, Shimo, Kita-ku, Tokyo 115-8588 Japan

(full name and address, including postal code, of third inventor)

Katsuhisa MURAYAMA of c/o Genomic Science Laboratories of Dainippon Sumitomo Pharma Co., Ltd., 1-98, Kasugade Naka 3-chome, Konohana-ku, Osaka-shi, Osaka 554-0022 Japan

(full name and address, including postal code, of fourth inventor)

Ken HORIUCHI of c/o Teijin Institute for Bio-medical Research of TEIJIN PHARMA LIMITED, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-8512 Japan

(full name and address, including postal code, of fifth inventor)

Kazuo KOMIYA of c/o Genomic Science Laboratories of Dainippon Sumitomo Pharma Co., Ltd., 4-2-1, Takatsukasa, Takarazuka-shi, Hyogo 665-0051 Japan

(full name and address, including postal code, of sixth inventor)

Morikazu KITO of c/o The Pharmaceutical Research Laboratories of Pharmaceutical Company of AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 Japan

(full name and address, including postal code, of seventh inventor)

Takeshi TSUTSUMI of c/o Kashima R & D Center, Astellas Pharma Inc., 2-1-6, Kashima, Yodogawa-ku, Osaka-shi, Osaka 532-8514 Japan

(full name and address, including postal code, of eighth inventor)

Yuko ISONO of 6-3-305, 21, Utsukushigaoka 1-chome, Aoba-ku, Yokohama-shi, Kanagawa 225-0002 Japan

(full name and address, including postal code, of ninth inventor)

Yorimasa SUWA of c/o Teijin Institute for Bio-medical Research of TEIJIN PHARMA LIMITED, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-8512 Japan

(full name and address, including postal code, of tenth inventor)

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

DRUG DEVELOPMENT TARGET PROTEIN AND TARGET GENE, AND METHOD OF SCREENING

for which invention we have executed an application for Letters Patent of the United States which was filed on April 19, 2007 under Serial No. 11/577,575; and

WHEREAS,

REVERSE PROTEOMICS RESEARCH INSTITUTE CO., LTD. of 9-11, Kajicho 1-chome,
Chiyoda-ku, Tokyo 101-0044 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:

T. Yamauchi
Signature of First Inventor Tadakazu YAMAUCHI

April 20, 2007
Date

Signature of Second Inventor Hideaki SUEOKA

Date

Signature of Third Inventor Kouichi TSUCHIYA

Date

Signature of Fourth Inventor Katsuhisa MURAYAMA

Date

Signature of Fifth Inventor Ken HORIUCHI

Date

Yoshitaka Hosaka Apr. 23/2007
Witness Yoshitaka HOSAKA Date

Fumiaki Yamasaki April 23, 2007
Witness Fumiaki YAMASAKI Date

Witness Date

Witness Date

Witness Date

Witness Date

Witness Date

Witness Date

Witness Date

Witness Date

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

Signature of First Inventor Tadakazu YAMAUCHI

Witness Date

Date

Witness Date

Hideaki Sueoka
Signature of Second Inventor Hideaki SUEOKA

Kiyoshi Yamamoto May 14, 2007
Witness Kiyoshi YAMAMOTO Date

May 14, 2007
Date

Akira Yamazaki
Witness Akira YAMAZAKI Date
May 14, 2007

Signature of Third Inventor Kouichi TSUCHIYA

Witness Date

Date

Witness Date

Signature of Fourth Inventor Katsuhisa MURAYAMA

Witness Date

Date

Witness Date

Signature of Fifth Inventor Ken HORIUCHI

Witness Date

Date

Witness Date

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Signature of First Inventor Tadakazu YAMAUCHI

Date

Witness

Date

Signature of Second Inventor Hideaki SUEOKA

Date

Witness

Date

Kouichi Tsuchiya
Signature of Third Inventor Kouichi TSUCHIYA

Date

Yuh-ichiro ICHIKAWA *April 23, 2007*
Witness Date
Yuh-ichiro ICHIKAWA

April 23, 2007
Date

Yuh-ichiro ICHIKAWA *April 23, 2007*
Witness Date
Yuh-ichiro ICHIKAWA

Signature of Fourth Inventor Katsuhisa MURAYAMA

Date

Witness

Date

Signature of Fifth Inventor Ken HORIUCHI

Date

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Signature of Third Inventor Kouichi TSUCHIYA

Witness

Date

Date

Witness

Date

Katsuhisa MURAYAMA
Signature of Fourth Inventor Katsuhisa MURAYAMA

May 14, 2007

Date

Kiyoshi Yamamoto
Witness Kiyoshi YAMAMOTO Date May 14, 2007

Akira Yamazaki
Witness Akira YAMAZAKI Date May 14, 2007

Signature of Fifth Inventor Ken HORIUCHI

Witness

Date

Date

Witness

Date

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

Signature of First Inventor Tadakazu YAMAUCHI

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Signature of Second Inventor Hideaki SUEOKA

Witness Date

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Witness Date

Signature of Third Inventor Kouichi TSUCHIYA

Witness Date

Date

Witness Date

Signature of Fourth Inventor Katsuhisa MURAYAMA

Witness Date

Date

Witness Date

堀内 健
Signature of Fifth Inventor Ken HORIUCHI

Midori Kamimura April 25, 2007
Witness Date
Midori KAMIMURA

04/25/2007
Date

Akinobu Nakanishi April 25, 2007
Witness Date
Akinobu NAKANISHI

Kazuo Komiya

Signature of Sixth Inventor

Kazuo KOMIYA

April 20, 2007

Date

Signature of Seventh Inventor

Morikazu KITO

Date

Signature of Eighth Inventor

Takeshi TSUTSUMI

Date

Signature of Ninth Inventor

Yuko ISONO

Date

Signature of Tenth Inventor

Yorimasa SUWA

Date

Hironori Ishikawa April 20, 2007

Witness

Date

Hironori ISHIKAWA

Hisayo Emoto

April 20, 2007

Witness

Date

Hisayo EMOTO

Witness

Date

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Date

Signature of Sixth Inventor Kazuo KOMIYA

Date

Signature of Seventh Inventor Morikazu KITO

Date April 23, 2007

Signature of Eighth Inventor Takeshi TSUTSUMI

Date

Signature of Ninth Inventor Yuko ISONO

Date

Signature of Tenth Inventor Yorimasa SUWA

Date

Witness

Date

Witness

Date

Witness Nobuhiko NAKASHIMA

Witness Hirohito BEPPU

Witness

Date

Witness

Date

Witness

Date

Witness

Date

Witness

Date

Witness

Date

Signature of Sixth Inventor Kazuo KOMIYA

Date

Witness

Date

Witness

Date

Signature of Seventh Inventor Morikazu KITO

Date

Witness

Date

Witness

Date

Takeshi Tsutsumi

Signature of Eighth Inventor Takeshi TSUTSUMI

May 9, 2007

Date

Witness

Yoshihiko MORISHITA

Date

Masae Sawada

May 14, 2007

Witness

Masae SAWADA

Date

Signature of Ninth Inventor Yuko ISONO

Date

Witness

Date

Witness

Date

Signature of Tenth Inventor Yorimasa SUWA

Date

Witness

Date

Witness

Date

Signature of Sixth Inventor Kazuo KOMIYA

Date

Witness

Date

Witness

Date

Signature of Seventh Inventor Morikazu KITO

Date

Witness

Date

Witness

Date

Signature of Eighth Inventor Takeshi TSUTSUMI

Date

Witness

Date

Witness

Date

Yuko Isono
Signature of Ninth Inventor Yuko ISONO

April 20, 2007
Date

Ai Wakamatsu April 27, 2007
Witness Ai WAKAMATSU Date

Junichi Yamamoto April 27, 2007
Witness Junichi YAMAMOTO Date

Signature of Tenth Inventor Yorimasa SUWA

Date

Witness

Date

Witness

Date

Signature of Sixth Inventor Kazuo KOMIYA

Witness Date

Date

Witness Date

Signature of Seventh Inventor Morikazu KITO

Witness Date

Date

Witness Date

Signature of Eighth Inventor Takeshi TSUTSUMI

Witness Date

Date

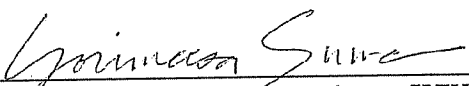
Witness Date


Signature of Ninth Inventor Yuko ISONO

Witness Date

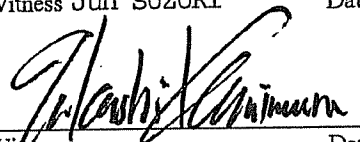
Date

Witness Date


Signature of Tenth Inventor Yorimasa SUWA

 25/04/07
Witness Jun SUZUKI Date

25 April, 2007
Date

 25/04/07
Witness Takashi KAMIMURA Date