

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>MASAYUKI KAI</td><td>09/21/2008</td></tr><tr><td>KAZUHIRO MOTOKI</td><td>02/21/2008</td></tr><tr><td>SHIRO KATAOKA</td><td>02/20/2008</td></tr><tr><td>HIDEAKI YOSHIDA</td><td>02/21/2008</td></tr><tr><td>TETSUYA HAGIWARA</td><td>02/21/2008</td></tr></tbody></table>	Name	Execution Date	MASAYUKI KAI	09/21/2008	KAZUHIRO MOTOKI	02/21/2008	SHIRO KATAOKA	02/20/2008	HIDEAKI YOSHIDA	02/21/2008	TETSUYA HAGIWARA	02/21/2008	
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<table border="1"><tr><td>Name:</td><td>KIRIN PHARMA KABUSHIKI KAISHA</td></tr><tr><td>Street Address:</td><td>26-1 JINGUMAE 6-CHOME,</td></tr><tr><td>Internal Address:</td><td>SHIBUYA-KU</td></tr><tr><td>City:</td><td>TOKYO</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>150-8011</td></tr></table>	Name:	KIRIN PHARMA KABUSHIKI KAISHA	Street Address:	26-1 JINGUMAE 6-CHOME,	Internal Address:	SHIBUYA-KU	City:	TOKYO	State/Country:	JAPAN	Postal Code:	150-8011	
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (202)672-5399 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	081356-0307												

OP \$40.00 12294171

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PATENT
REEL: 021699 FRAME: 0331

NAME OF SUBMITTER:

STEPHEN A. BENT

Total Attachments: 2

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Attorney's Docket No.: _____

Assignment of Application

WHEREAS, I (WE) _____

Masayuki KAI and Kazuhiro MOTOKI of c/o Discovery Research Laboratories, Kirin
Pharma Kabushiki Kaisha, 3, Miyahara-cho, Takasaki-shi, Gunma 370-1295 Japan,
Shiro KATAOKA of c/o Kirin Pharma Kabushiki Kaisha, 26-1, Jingumae 6-chome,
Shibuya-ku, Tokyo 150-8011 Japan,
Hideaki YOSHIDA and Tetsuya HAGIWARA of c/o Discovery Research Laboratories,
Kirin Pharma Kabushiki Kaisha, 3, Miyahara-cho, Takasaki-shi, Gunma 370-1295
Japan, respectively,
 have invented certain new and useful improvements in: _____

AGONIST ANTIBODY TO HUMAN THROMBOPOIETIN RECEPTOR

for which an application for Letters Patent was executed on _____
 (Application No. PCT/JP2007/056536 filed March 20, 2007), and

WHEREAS, KIRIN PHARMA KABUSHIKI KAISHA
 (hereinafter referred to as "ASSIGNEE") having a place of business at: _____
26-1, Jingumae 6-chome, Shibuya-ku, Tokyo 150-8011 Japan
 is desirous of acquiring the entire right, title and interest in and to said invention and in and to
 any Letters Patent that may be granted therefore in the United States and its territorial
 possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the
 receipt whereof is hereby acknowledged, and for other good and valuable consideration, I
 (WE), by these presents do sell, have assigned and hereby do assign, and transfer unto said
 ASSIGNEE, the full and exclusive right to the said invention in the United States and its
 territorial possessions and in all foreign countries and the entire right, title and interest in and
 to any and all Letters Patent which may be granted therefor in the United States and its
 territorial possessions and in any and all foreign countries and in and to any and all divisions,
 reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and
 its territorial possessions and any official of any and all foreign countries to issue any and all
 of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire
 right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its
 (his) successors and have assigned and hereby do assign, to the full end of the term for which
 said Letters Patent may be granted, as fully and entirely as the same would have been held by
 me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its legal representatives and have assigned and hereby do assign covenant and any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and have assigned and hereby do assign, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of **FOLEY & LARDNER** of Washington Harbour, 3000 K. Street, N.W., Suite 500, Washington, D.C. 20007-5143 U.S.A. the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Feb 21, 2008

Masayuki Kai
(Signature of inventor) **Masayuki KAI**

Date: 21 / Feb / 2008

Kazuhiro Motoki
(Signature of inventor) **Kazuhiro MOTOKI**

Date: Feb 20, 2008

Shiro Kataoka
(Signature of inventor) **Shiro KATAOKA**

Date: Feb 21 / 08

Hideaki Yoshida
(Signature of inventor) **Hideaki YOSHIDA**

Date: 21 / Feb / 2008

Tetsuya Hagiwara
(Signature of inventor) **Tetsuya HAGIWARA**