

01-26-2004



Our Ref.: 249-310

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102653890

1.16.04

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

<p>1. Name of conveying party(ies):</p> <p>1)Nobuo HANAI                      5)Kenya SHITARA 2)Motoo YAMASAKI                6)Naoki SHIMADA 3)Akiko FURUYA                    7)Kazuyasu NAKAMURA 4)Akira TANAKA                    8)Maiko HIROTA</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment                      <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment            <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date:    1)Jan 7, 2004; 2) Jan 14, 2004; 3) Jan 14, 2004; 4) Jan 9, 2004; 5) Jan 14, 2004; 6) Jan 14, 2004; 7) Jan 14, 2004; 8) Jan 14, 2004</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>KYOWA HAKKO KOGYO CO., LTD.</u> Internal Address: _____ Street Address: <u>6-1 Ohtemachi 1-chome</u> _____ _____ City: <u>Tokyo</u> State/Country: <u>JAPAN</u> Zip: <u>100-8185</u></p> <p>Additional name/s &amp; address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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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: \_\_\_\_\_

<p>A. Patent Application No(s). (1) 10/434,469 (2) (3)</p>	<p>B. Patent No(s). (1) (2) (3)</p>
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Additional numbers attached  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>B. J. Sadoff</u> Internal Address: _____ Street Address: <u>Nixon &amp; Vanderhye P.C.</u> <u>1100 North Glebe Road</u> <u>8<sup>th</sup> Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u></p>	<p>6. Total number of applications &amp; patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41)                      \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. <u>14-1140</u>.</p>
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DO NOT USE THIS SPACE

9. Statements 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.

B. J. Sadoff                      [Signature]                      January 16, 2004  
Name of Person Signing                      Signature                      Date  
Reg. No. 36,663

Total number of pages including original cover sheet, attachments, and document: [4]

01/21/2004 WABRHAM1 00000111 10434469  
06 FC:8021                      40.00 DP

Case No. \_\_\_\_\_

**ASSIGNMENT OF U.S. PATENT RIGHTS**

**(Inventors)** Nobuo HANAI, Motoo YAMASAKI, Akiko FURUYA,  
Akira TANAKA, Kenya SHITARA, Naoki SHIMADA,  
Kazuyasu NAKAMURA and Maiko HIROTA

**(Assignee)** In consideration of the sum of one dollar (\$1.00) and other good and valuable  
considerations paid to each of the undersigned, the undersigned agree(s) to assign, and  
hereby does assign, transfer and set over to  
KYOWA HAKKO KOGYO CO., LTD.

**(Address)** 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 Japan

**(Title)** (hereinafter designated as the Assignee) the undersigned's entire right, title and interest for  
the United States, its territories, dependencies and possessions in the invention, and all  
applications for patent and any Letters Patent which may be granted therefore, known as

ANTI-FIBROBLAST GROWTH FACTOR-8 MONOCLONAL ANTIBODY

for which the undersigned has (have) executed on even date herewith an application for  
patent in the United States of America or, if not on even date, then has executed on  
\_\_\_\_\_ or has already filed U.S. application Serial No. 10/434,469, on May  
9, 2003.

The undersigned acknowledges an obligation of assignment of this invention to said  
assignee at the time the invention was made.

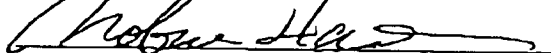
The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for 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 patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) 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 firm of NIXON & VANDERHYE P.C. 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 United States Patent Office for recordation of this document.

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

Date	<u>January 7, 2004</u>	Signature of inventor	
Date	_____	Signature of inventor	_____
Date	_____	Signature of inventor	_____
Date	_____	Signature of inventor	_____
Date	_____	Signature of inventor	_____
Date	_____	Signature of inventor	_____
Date	_____	Signature of inventor	_____
Date	_____	Signature of inventor	_____

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**(Title)** ANTI-FIBROBLAST GROWTH FACTOR-8 MONOCLONAL ANTIBODY  
for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on \_\_\_\_\_ or has already filed U.S. application Serial No 10/434,469, on May 9, 2003.  
The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

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

Date _____	Signature of inventor	_____
Date <u>January 14, 2004</u>	Signature of inventor	<u>Motoo Yamasaki</u>
Date <u>January 14, 2004</u>	Signature of inventor	<u>Akiko Furuya</u>
Date _____	Signature of inventor	_____
Date <u>January 14, 2004</u>	Signature of inventor	<u>Kenya Shitara</u>
Date <u>January 14, 2004</u>	Signature of inventor	<u>Naoki Shimada</u>
Date <u>January 14, 2004</u>	Signature of inventor	<u>Kazuyasu Nakamura</u>
Date <u>January 14, 2004</u>	Signature of inventor	<u>Maiko Hirota</u>

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Case No. \_\_\_\_\_

### ASSIGNMENT OF U.S. PATENT RIGHTS

(Inventors) Nobuo HANAI, Motoo YAMASAKI, Akiko FURUYA,  
Akira TANAKA, Kenya SHITARA, Naoki SHIMADA,  
Kazuyasu NAKAMURA and Maiko HIROTA

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

Date _____	Signature of inventor _____	_____
Date _____	Signature of inventor _____	_____
Date _____	Signature of inventor _____	_____
Date <u>January 9, 2004</u>	Signature of inventor _____	<u>Akira Tanaka</u>
Date _____	Signature of inventor _____	_____
Date _____	Signature of inventor _____	_____
Date _____	Signature of inventor _____	_____
Date _____	Signature of inventor _____	_____

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