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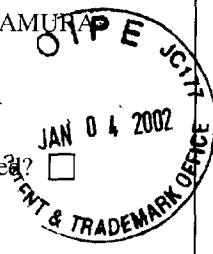
Our Ref.: 249-170

1.402

Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

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

<p>1. Name of conveying party(ies): Kenya SHITARA Akiko FURUYA Nobuo HANAI Kazuyasu NAKAMURA Emi SHOJI Rinpei NIWA Mikiko SAKURADA Kenji SHIBATA</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <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: <u>July 30, 2001</u></p>	<p>2. Name and address of receiving party(ies): Name: <u>KYOWA HAKKO KOGYO CO., LTD.</u> Internal Address: _____ Street Address: <u>6-1, Ohtemachi 1-chome, Chiyoda-ku</u> _____ _____ City: <u>Tokyo</u> State/Country: <u>Japan</u> Zip: <u>100-8185</u></p> <p>Additional name/s & 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: 09/796,744


<p>A. Patent Application No(s). (1) <u>09/796,744</u> (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: Name: <u>B. J. Sadoff</u> Internal Address: _____ Street Address: <u>Nixon & Vanderhye P.C.</u> <u>1100 North Glebe Road</u> <u>8th Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u></p>	<p>6. Total number of applications & patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> 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. 14-1140.</p>
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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  January 4, 2002
 Name of Person Signing Signature Date
 Reg. No. 36,663

Total number of pages including **original** cover sheet, attachments, and document: [3]

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ASSIGNMENT OF PATENT APPLICATION

	Kenya SHITARA	Motoo YAMASAKI
	Nobuo HANAI	
	Emi SHOJI	
(Inventors)	Mikiko SAKURADA	
	Akiko FURUYA	
	Kazuyasu NAKAMURA	
	Rinpei NIWA	
	Kenji SHIBATA	
	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	
(Assignee)	KYOWA HAKKO KOGYO CO., LTD.	
(Address)	(of 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo, Japan 100-8185	
	(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of	
(Title)	GENE RECOMBINANT ANTIBODY AND ANTIBODY FRAGMENT THEREOF (Case No. 249-170)	
	for which the undersigned have executed an application for patent in the United States of America	
	(U.S. appln. Serial No. <u>09/796,744</u> , filed on March 2, 2001).	
	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. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

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

Date <u>July 30, 2001</u>	Signature of inventor	(<u>Kenya Saito</u> Kenya SHITARA
Date <u>July 30, 2001</u>	Signature of inventor	(<u>Nobuo Hanai</u> Nobuo HANAI
Date <u>July 30, 2001</u>	Signature of inventor	(<u>Emi Shoji</u> Emi SHOJI
Date <u>July 30, 2001</u>	Signature of inventor	(<u>Mikiko Sakurada</u> Mikiko SAKURADA
Date <u>July 30, 2001</u>	Signature of inventor	(<u>Akiko Furuya</u> Akiko FURUYA
Date <u>July 30, 2001</u>	Signature of inventor	(<u>Kazuyasu Nakamura</u> Kazuyasu NAKAMURA
Date <u>July 30, 2001</u>	Signature of inventor	(<u>Rinpei Niwa</u> Rinpei NIWA
Date <u>July 30, 2001</u>	Signature of inventor	(<u>Keiji Shibata</u> Keiji SHIBATA
Date <u>July 30, 2001</u>	Signature of inventor	(<u>Motoo Yamasaki</u> Motoo YAMASAKI

Witnessed by: _____

Date _____

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