

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Co is missing after Kogyo and before Ltd. previously recorded on Reel 014121 Frame 0932. Assignor(s) hereby confirms the Nippon Zenyaku Kogyo Co., Ltd..										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>MASASHI MIYAKE</td><td>11/19/2002</td></tr><tr><td>SHIGEHIRO IWABUCHI</td><td>11/19/2002</td></tr><tr><td>YASUYUKI SUZUTA</td><td>11/19/2002</td></tr></tbody></table>		Name	Execution Date	MASASHI MIYAKE	11/19/2002	SHIGEHIRO IWABUCHI	11/19/2002	YASUYUKI SUZUTA	11/19/2002		
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>NIPPON ZENYAKU CO. LTD.</td></tr><tr><td>Street Address:</td><td>1-1 SASAGAWA AZA TAIRANOUE ASAKAMACHI KORIYAMA-SHI</td></tr><tr><td>City:</td><td>FUKUSHIMA</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>963-0196</td></tr></table>		Name:	NIPPON ZENYAKU CO. LTD.	Street Address:	1-1 SASAGAWA AZA TAIRANOUE ASAKAMACHI KORIYAMA-SHI	City:	FUKUSHIMA	State/Country:	JAPAN	Postal Code:	963-0196
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PROPERTY NUMBERS Total: 1											
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Property Type	Number										
Application Number:	10311776										
CORRESPONDENCE DATA											
Fax Number: (212)661-8002 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	522.1023										
NAME OF SUBMITTER:	Michael N. Mercanti										
Total Attachments: 2											

OP \$40.00 10311776

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PATENT  
REEL: 018681 FRAME: 0233

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Attorney's Docket No.: 522,1023**Assignment of Application**

WHEREAS, I (WE) \_\_\_\_\_

Masashi MIYAKE, Shigehiro IWABUCHI and Yasuyuki SUZUTA ofall c/o NIPPON ZENYAKU KOGYO LTD., 1-1, Sasagawa Aza Tairanoue,Asaka-machi, Koriyama-shi, Fukushima 963-0196 Japan

\_\_\_\_\_, respectively,

have invented certain new and useful improvements in: CANINE HEPATOCYTE  
GROWTH FACTORfor which an application for Letters Patent was executed on November 19, 2002

(Application No. \_\_\_\_\_, filed \_\_\_\_\_), and

WHEREAS, NIPPON ZENYAKU KOGYO LTD.

(hereinafter referred to as "ASSIGNEE") having a place of business at: \_\_\_\_\_

1-1, Sasagawa Aza Tairanoue, Asaka-machi, Koriyama-shi, Fukushima 963-0196 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, 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 assigns, 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 assigns 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 assigns, 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 Roberts and Mercanti, L.L.P. of Enterprise Development Center II, 105 Lock Street, Suite 203, Newark, New Jersey 07103-0156 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: November 19, 2002



(Signature of inventor) Masashi MIYAKE

Date: November 19, 2002



(Signature of inventor) Shigehiro IWABUCHI

Date: November 19, 2002



(Signature of inventor) Yasuyuki SUZUTA