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U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 04853.0033

~~10 PTO-1594~~ 25 MAR 1999

ATTN. BOX ASSIGNMENTS

To the Honorable Commissioner of Patents
Please record the attached original copy

1. Name of conveying party(ies):
Koh SATO, Yuji WAKAHARA and Naohiro YABUTA
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: CHUGAI SEIYAKU KABUSHIKI KAISHA
Internal Address:

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name

Street Address: 5-1, Ukima 5-chome,
Kita-ku, Tokyo 115-8543 Japan
City:
State: Zip Code:

Other
Execution Date: March 11, 1999

Additional name(s) & Address(es) attached?
 Yes No

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: March 11, 1999
A. Patent Application Number(s):
B. Patent Number(s):
Additional numbers attached? Yes No


5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Mr. Ernest F. Chapman
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

6. Total number of applications and registrations involved: 1
7. Total fee (37 CFR 3.41): \$40

Enclosed (Please charge deficiency to deposit account)
Authorized to be charged to deposit account

03/29/1999 MCLAYBRO 00000053 09269332
05-FC-1581
Street Address: 1300 I Street, N.W.
City: Washington
State: DC Zip: 20005-3315

8. Deposit account number: 06-0916

9. Statement 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.
Ernest F. Chapman  March 25, 1999
Signature Date

Total number of pages including cover sheet, attachments and documents: 4

Assignment of Application

WHEREAS, I (WE) Koh SATO, Yuji WAKAHARA and Naohiro YABUTA
of all c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome,
Gotenba-shi, Shizuoka 412-8513 Japan

_____, respectively,
have invented certain new and useful improvements in: ANTIBODIES AGAINST
HUMAN PARATHYROID HORMONE RELATED PROTEIN
for which an application for Letters Patent was executed on March 11, 1999
(Application No. _____, filed _____), and

WHEREAS, Chugai Seiyaku Kabushiki Kaisha
(hereinafter referred to as "ASSIGNEE") having a place of business at: _____
5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 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 FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER L.L.P., of 1300 I Street, N.W., Washington, D.C. 20005 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: March 11, 1999

Koh Sato

(Signature of inventor) Koh SATO

Date: March 11, 1999

Yuji Wakahara

(Signature of inventor) Yuji WAKAHARA

Date: March 11, 1999

Naohiro Yabuta
(Signature of inventor) Naohiro YABUTA

Date: _____

(Signature of inventor)

Date: _____

(Signature of inventor)

Date: _____

(Signature of inventor)

Date: _____

(Signature of inventor)

Date: _____

(Signature of inventor)