

FORM PTO-1594
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COVER SHEET
NY

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 04853.0029

09/065040

To the Honorable Commissioner
Please record the attached ori

100793440

ATTN: BOX ASSIGNMENTS

1. Name of conveying party(ies):

Atsunobu HIRAOKA, Atsushi SUGIMURA and
Hiroyuki MIO

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):

Name: (1) KYOWA HAKKO KOGYO CO., LTD. and
(2) Atsunobu HIRAOKA

Internal Address:

3. Nature of conveyance:

 Assignment Merger
 Security Agreement Change of Name

Street Address: (1) 6-1, Ohtemachi 1-chome,
Chiyoda-ku, Tokyo 100-8185 Japan
(2) 27-34, Kitachuin-cho,
Saganisonin-monzen, Ukyo-ku,
Kyoto-shi, Kyoto 616-8428 Japan

City:
State: Zip Code:

Other

Execution Date: April 22, 1998

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:
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:

04/29/1998 NY 100793440 09065040
04 FC:581 FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.
City: Washington
State: DC Zip: 20005-3355

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

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

Signature
April 27, 1998
Date

PATENT
Total number of pages including cover sheet, attachments and documents 3
REF: 9374 FRAME: 0050

Attorney's Docket No.: _____
Assignment of Application

WHEREAS, I (WE) Atsunobu HIRAOKA of 27-34, Kitachuin-cho,
Saganisonin-monzen, Ukyo-ku, Kyoto-shi, Kyoto 616-8428 Japan, Atsushi
SUGIMURA of 4-6, Yamato-cho 4-chome, Kitahiroshima-shi, Hokkaido 061-1148
Japan and Hiroyuki MIO of Sun-heights Akiyama B-103, 343-4, Kamitogari,
Nagaizumi-cho, Sunto-gun, Shizuoka 411-0941 Japan

_____, respectively,
have invented certain new and useful improvements in: HEMATOPOIETIC
STEM CELL GROWTH FACTOR (SCGF)

for which an application for Letters Patent was executed on _____
(Application No. _____, filed _____), and

WHEREAS, Kyowa Hakko Kogyo Co., Ltd. and Atsunobu HIRAOKA
(hereinafter referred to as "ASSIGNEE") having a place of business at: 6-1,
Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 Japan and 27-34, Kitachuin-
cho, Saganisonin-monzen, Ukyo-ku, Kyoto-shi, Kyoto 616-8428 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.

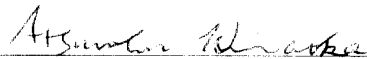
I (WE) hereby authorize and request the Patent Office Officials in the United
States and its territorial possessions and any official of any and all foreign
countries to issue any and all of said Letters Patent, when granted, to said
ASSIGNEE as the assignee of my (our) entire right, title and interest 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: April 22, 1998



(Signature of inventor)

Atsunobu HIRAOKA

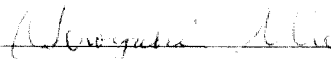
Date: April 22, 1998



(Signature of inventor)

Atsushi SUGIMURA

Date: April 22, 1998



(Signature of inventor)

Hiroyuki MIO