

A/1581-40

05-19-1999

09/202972

FORM PTO-1595  
(Rev. 6-93)

DEPARTMENT OF COMMERCE  
Patent and Trademark Office

RECORDATION 101040514

OMB No. 0651-0011 (exp. 4/94)

MRD 12-23-99 PATENTS ONLY 300 Rec'd PTA/PTC 23 DEC 1998

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

1. Name of conveying party:  
Minoru HIROSE;  
Junko HASHIMOTO; and  
Tadashi YOSHIMURA

2. Name and address of receiving party:

Name: Chugai Sanyaku Kabushiki Kaisha

Internal Address:

Street Address: 5-1, Ukima 5-chome, Kita-ku

City: Tokyo ZIP: 115-8543 Country: Japan

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

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

Execution Dates: December 14, 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 is: December 14, 1998

A. Patent Application No.

B. Patent No.(s)

09/202972

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Davidson, Davidson & Kappel, LLC

Internal Address: 382.1024

Street Address: 1140 Avenue of the Americas, 15th Floor

City: New York State: New York ZIP: 10036

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 50-0552

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Cary S. Kappel, Reg. No. 36,581  
Name of Person Signing

Signature

Date

12/23/99

Total number of pages including cover sheet, attachments, and document: [5]

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 009948 FRAME: 0627

RECORDATION FORM COVER SHEET

OMB No. 0651-0011 (exp. 4/94)

**PATENTS ONLY**

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

1. Name of conveying party:  
Minoru HIROSE;  
Junko HASHIMOTO; and  
Tadashi YOSHIMURA

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

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

Execution Dates: December 14, 1998

2. Name and address of receiving party:

Name: Chugal Sanyaku Kabushiki Kaisha

Internal Address: \_\_\_\_\_

Street Address: 5-1, Ukima 5-chome, Kita-ku

City: Tokyo ZIP: 115-8543 Country: Japan

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 is: December 14, 1998

A. Patent Application No.

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Davidson, Davidson & Kappel, LLC

Internal Address: 382.1024

Street Address: 1140 Avenue of the Americas, 15th Floor

City: New York State: New York ZIP: 10036

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number: 50-0582

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Cary S. Kappel, Reg. No. 38,561  
Name of Person Signing

Signature

Date

12/23/98

Total number of pages including cover sheet, attachments, and document: [5]

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

**PATENT**  
**REEL: 009948 FRAME: 0628**

**Assignment of Application**

WHEREAS, I (WE) Minoru HIROSE, Junko HASHIMOTO, Tadashi  
YOSHIMURA of all c/o CHUGAI SEIYAKU KABUSHIKI KAISHA, 41-8,  
Takada 3-chome, Toshima-ku, Tokyo 171-8545 Japan

\_\_\_\_\_, respectively,  
have invented certain new and useful improvements in: \_\_\_\_\_  
METHOD FOR THE DETECTION OF TELOMERASE ACTIVITY  
for which an application for Letters Patent was executed on

(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

**PATENT**  
**REEL: 009948 FRAME: 0629**

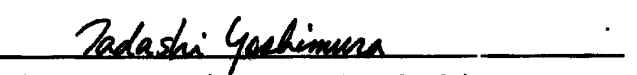
use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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 DAVIDSON, DAVIDSON & KAPPEL, LLC. of 1140 Avenue of the Americas, 15th Floor, New York, N.Y. 10036 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: December 14, 1998   
(Signature of inventor) Minoru HIROSE

Date: December 14, 1998   
(Signature of inventor) Junko HASHIMOTO

Date: December 14, 1998   
(Signature of inventor) Tadashi YOSHIMURA

RECORDED: 12/23/1998 PATENT REEL: 009948 FRAME: 0630