

11-05-1999

PATENTS ONLY

PATENTS ONLY

TO THE HONORABLE

Please record



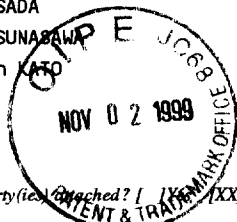
101193734

D TRADEMARKS or copy thereof

MRI 11/2/99

1. Name of conveying party(ies):

Hikaru TAKAKURA Kiyozo ASADA
Mio MORISHITA Susumu TSUNABAWA
Katsuhiko YAMAMOTO Ikunoshin KATO
Masanori MITTA



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

Name: Takara Shuzo Co., Ltd.
Address: 609, Takenaka-cho, Fushimi-ku, Kyoto-shi, Kyoto 612 Japan

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

Additional name(s) & address(es) attached? [] Yes [XX] No

3. Nature of conveyance:

[X] Assignment [] Change of Name [] Other
[] Security Agreement [] Merger

Execution Date: August 4, 1999

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: Date

A. Patent Application No.(s)

08/894,818

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

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

BROWDY AND NEWMARK, P.L.L.C.
419 Seventh Street, N.W.
Suite 300
Washington D.C. 20004

6. Number of applications and patents involved: (1)

7. Amount of fee enclosed or authorized to be charged: \$40.00

8. Check no. 23759 in the amount of \$40.00 is attached.

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.

Norman J. Latker (Reg. No. 19,963)
Name of Person Signing

Signature

11/1/99
Date

NJL:ct

11/04/1999 DNGUYEN 00000103 08894818

Total number of pages including cover sheet [02]

01 FC:581

40.00 DP

ASSIGNMENT

Hikaru TAKAKURA, Mio MORISHITA,

Katsuhiko YAMAMOTO, Masanori MITTA,

Kiyozo ASADA, Susumu TSUNASAWA and

Ikunoshin KATO

Insert Name(s) of
Inventor(s).

In consideration of the sum of one dollar (\$1.00) and other good and valuable consid-
erations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does
assign, transfer and set over to

Insert name of Assignee

Takara Shuzo Co., Ltd.

Insert address of Assignee

609, Takenaka-cho, Fushimi-ku, Kyoto-shi, Kyoto 612 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United
States, its territories, dependencies and possessions, in the invention, and all applications for
patent and any Letters Patent which may be granted therefor, known as

HYPERTHERMOSTABLE PROTEASE GENE

Insert Identification of
Invention, such as Title,
Case Number or Foreign
Application Number

Foreign
Application or
Case No.

for which the undersigned has (have) executed an application for patent in the United States
of America

Insert Date of Signing of
Application

on 4th day of August, 1997

Alternative identification
for filed applications

U.S. application Serial Number _____
filed _____

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or
divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the
Assignee may deem necessary or expedient or essential to its full protection and title in and to the invention hereby transferred.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared
concerning this application or continuation or division or re-issue thereof and to cooperate with the Assignee in every way pos-
sible in obtaining evidence and going forward with such interference.

3) 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.

4) The undersigned agree(s) to communicate to the Assignee or representatives thereof any facts known to me (us) respec-
ting the invention and improvements thereof, and will, upon request, but without expense to me (us), testify in any legal pro-
ceedings regarding the invention.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of
the United States resulting from said application or any division or divisions or continuing applications thereof to the said As-
signee, 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.

6) The undersigned hereby grant(s) the firm of Browdy and Neimark 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 re-
cordation of this document.

7) This Assignment shall be binding upon my (our) heirs, executors, administrators, and/or assigns, and shall inure to the
benefit of the heirs, executors, administrators, successors and/or assigns of the Assignee.

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

(1) Date Aug. 4, 1997 Name of Inventor Hikaru Takakura

(2) Date Aug. 4, 1997 Name of Inventor Mio Morishita

(3) Date Aug. 4, 1997 Name of Inventor Katsuhiko Yamamoto

(4) Date Aug. 4, 1997 Name of Inventor Masanori Mittra

(5) Date Aug. 4, 1997 Name of Inventor Kiyozo Asada

(6) Date Aug. 4, 1997 Name of Inventor Susumu Tsunasa

(7) Date Aug. 4, 1997 Name of Inventor Ikunoshin Kato

(8) Date _____ Name of Inventor _____

(9) Date _____ Name of Inventor _____

(10) Date _____ Name of Inventor _____

Date Aug. 4, 1997 Witness Masanori Yamamoto

Date Aug. 4, 1997 Witness Hisae Yamagata

PATENT

RECORDED: 11/02/1999

REEL: 010354 FRAME: 0424