

7/3/02

07-16-2002

Atty. Docket No.: 1254-0210P

Page 1 of 1



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

10/160075
07763702

1. Name of conveying party(ies):
[FAMILY NAME (ALL CAPS), Given Name]

ITOH, Akira
HANAZONO, Yutaka
OZAWA, Keiya

2. Name and address of receiving party(ies)

Name: ASAHI KASEI KABUSHIKI KAISHA

Internal Address:

Street Address: 2-6, Dojimahama 1-chome, Kita-ku,
Osaka-shi

City: Osaka State: ZIP:

Country: JAPAN Postal Code: 530-8205

Additional name(s) of conveying party(ies) attached?

YES NO

Additional name(s) & address(es) attached? YES NO

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other:

Execution Date: June 24, 2002

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: June 24, 2002

A. Patent Application No(s).

NEW

10188075

B. Patent No.(s).

Additional numbers attached? YES NO

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

Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP

Street Address: P.O. BOX 747

City: FALLS CHURCH State: VA ZIP: 22040-0747

Country: USA

6. Total No. of applications/patents involved: ONE (1)

7. Total fee (37 C.F.R. § 3.41): \$40.00

- Enclosed
- Authorized to be charged to deposit account, if no fee attached.

8. Deposit account number: 02-2448

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

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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.

Gerald M. Murphy, Jr., #28,977
Name of Person Signing/Reg. No.

Signature

July 3, 2002
Date

Total number of pages including cover sheet, attachments, and document: THREE (3)

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GMM/sll

(Rev. 02/11/02)

PATENT
REEL: 013075 FRAME: 0975

Assignment of Application

WHEREAS, I (WE) Akira ITOH of 206-9, Nakamaru, Fuji-shi, Shizuoka 416-0933 Japan, Yutaka HANAZONO of Jichiidai Shokuinjyutaku I-201, 1-1, Midori, Minamikawa chi-cho, Kawachi-gun, Tochigi 329-0433 Japan and Keiya OZAWA of C-201, 3-1-3, Gion, Minamikawachi-cho, Kawachi-gun, Tochigi 329-0434 Japan, respectively, have invented certain new and useful improvements in: Vector for reversible gene integration

for which an application for Letters Patent was executed on June 24, 2002 (Application No. NEW, filed July 3, 2002), and

WHEREAS, ASAHI KASEI KABUSHIKI KAISHA (hereinafter referred to as "ASSIGNEE") having a place of business at: 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-8205 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;

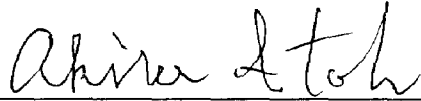
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United 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.

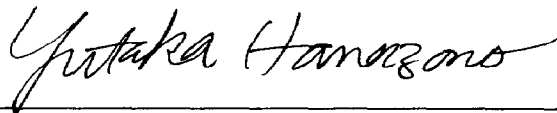
The undersigned hereby grant(s) the firm of BIRCH, STEWART, KOLASCH & BIRCH, LLP of 8110 Gatehouse Road, Suite 500 East, Falls Church, Virginia 22042 U.S.A. the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: June 24, 2002



(Signature of inventor) Akira ITOH

Date: June 24, 2002



(Signature of inventor) Yutaka HANAZONO

Date: June 24, 2002



(Signature of inventor) Keiya OZAWA