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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Kinya TORIYAMA (10/24/2007), Ayako OKUZAKI (10/24/2007), Koichiro KAKU (10/24/2007), Kiyoshi KAWAI (10/24/2007), and

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

2. Name and address of receiving party(ies)

Name: Kumiai Chemical Industry Co., Ltd.

Internal Address: _____

Street Address: _____

4-26, Ikenohata 1-chome, Taito-ku
Tokyo
110-8782
JAPAN

City: _____

State: _____

Country: _____ Zip: _____

Additional name(s) & address(es) attached: ☒ Yes ☐ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other _____

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

NEW

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Gerald M. Murphy, Jr.
BIRCH, STEWART, KOLASCH & BIRCH,
LLP

Internal Address: Atty. Dkt.: 1254-0364PUS1

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City: Falls Church

State: VA Zip: 22040-0747

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Fax Number: (703) 205-8050

Email Address: mailroom@bskb.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☐ Authorized to be charged by credit card

☒ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

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Authorized User Name Gerald M. Murphy, Jr.

9. Signature:

Signature
Gerald M. Murphy, Jr. - 28,977
Name of Person Signing

November 9, 2007

Date

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

4

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RECORDATION FORM COVER SHEET
(continued)

Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Tsutomu SHIMIZU (10/24/2007)

Additional Assignees (2. Continued):

Assignee Name: TOHOKU UNIVERSITY

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City: State: Country: Zip:

Assignee Name:

Internal Address:

Street Address:

City: State: Country: Zip:

Assignee Name:

Internal Address:

Street Address:

City: State: Country: Zip:

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers
4A. Continued:

Additional Patent Numbers
4B. Continued:

Additional numbers attached?

☐ Yes

☐ No

Assignment of Application

I(We), _____

Kinya TORIYAMA and Ayako OKUZAKI of both c/o Tohoku University, 1-1,
Katahira 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-8577 Japan and
Koichiro KAKU, Kiyoshi KAWAI and Tsutomu SHIMIZU of all
c/o Kumiai Chemical Industry Co., Ltd., 4-26, Ikenohata 1-chome, Taito-ku, Tokyo
110-8782 Japan, respectively,

have invented certain new and useful improvements in: _____

Method for transformation using mutant acetolactate
synthase gene

for which an application for Letters Patent was executed on _____

(Application No. PCT/JP2006/309622, filed May 9, 2006), and

WHEREAS, KUMIAI CHEMICAL INDUSTRY CO., LTD. and
TOHOKU UNIVERSITY

(hereinafter referred to as "ASSIGNEE") having a place of business at: _____
4-26, Ikenohata 1-chome, Taito-ku, Tokyo 110-8782 Japan and
1-1, Katahira 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-8577 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;

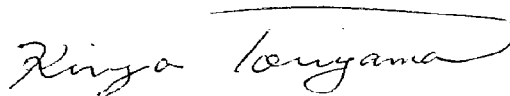
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United 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 therefore 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 100 East, Falls Church, Virginia 22042-1248 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: October 24, 2007



(Signature of inventor) **Kinya TORIYAMA**

Date: October 24, 2007



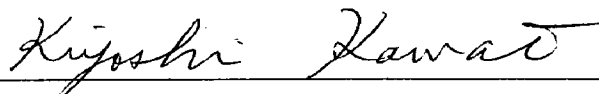
(Signature of inventor) **Ayako OKUZAKI**

Date: October 24, 2007



(Signature of inventor) **Koichiro KAKU**

Date: October 24, 2007



(Signature of inventor) **Kiyoshi KAWAI**

Date: October 24, 2007



(Signature of inventor) **Tsutomu SHIMIZU**