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1. Name of conveying party(ies):

Naoto TONOUCHI, Takayasu TSUCHIDA, Fumihiro
YOSHINAGA, Naoki TAHARA, Hisato YANO, and Takahisa
HAYASHI

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

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

Name: BIO-POLYMER RESEARCH CO., LTD.

Address: 2-1, Sakado 3-chome,
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Additional name(s) and address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

March 4, 1, January 19,
February 18, 17, January 12,

Execution Date: 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: N/A

A. Patent Application No.(s)

09/147,236

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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



22850

6. Total 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: 15-0030

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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.

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Registration Number: 24,618

Joseph A. Scafetta, Jr.

Signature

April 20, 2001

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PATENT
REEL: 011720 FRAME: 0282

Assignment Of Application

Page 1 of 2

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

WHEREAS, I (WE) 1) Naoto TONOUCHI, 2) Takayasu TSUCHIDA,

3) Fumihiro YOSHINAGA, 4) Naoki TAHARA, 5) Hisato YANO and

6) Takahisa HAYASHI of:

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5) c/o SHIMIZU CORPORATION, Seavans South, No.2-3, Shibaura 1-chome, Minato-ku,
Tokyo 1050014 Japan, and 6) c/o WOOD RESEARCH INSTITUTE KYOTO UNIVERSITY
UJI, Kyoto 6110011 Japan, respectively,

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: NOVEL GENE, GROUP OF GENES, AND
NOVEL BETA-GLUCOSIDASE,

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on _____

(Application No. 09/147,236, filed April 8, 1999), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

WHEREAS, BIO-POLYMER RESEARCH CO., LTD.

(hereinafter referred to as "ASSIGNEE") having a place of business at: 2-1, Sakado 3-chome,
Takatsu-ku, Kawasaki-shi, Kanagawa 213 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 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 (his) representatives 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 Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 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: Mar 4, 1999

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(Signature of Inventor) Naoto TONOUCHI

Date: Mar 1, 1999

Takayasu Tsuchida
(Signature of Inventor) Takayasu TSUCHIDA

Date: Jan. 19, 1999

Fumihiko Yoshinaga
(Signature of Inventor) Fumihiko YOSHINAGA

Date: Feb. 18, 1999

Naoki Tahara
(Signature of Inventor) Naoki TAHARA

Date: Feb. 17, 1999

Hisato Yano
(Signature of Inventor) Hisato YANO

Date: Jan. 12, 1999

Takahisa Hayashi
(Signature of Inventor) Takahisa HAYASHI

Date: _____

(Signature of Inventor)

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