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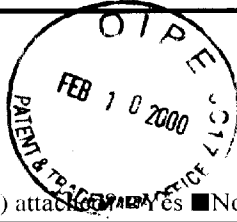
To the Honorable Commissioner of Patents at:

Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

- 1) Hideki Tohda
- 2) Yuko Hama
- 3) Hiromichi Kumagai

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



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

Name: Asahi Glass Company Ltd.
 Address: 1-2, Marunouchi 2-chome, Chiyoda-ku
 Tokyo 100-0005 Japan

3. Nature of Conveyance:

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

Execution Date: June 15, 1999

Additional name(s) and 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:

A. Patent Application No.(s)
09/331,581

B. Patent No.(s)

Additional numbers attached? Yes No

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

OBLON, SPIVAK, McCLELLAND, MAIER &
 NEUSTADT, P.C.
 Attorneys at Law
 Fourth Floor
 1755 Jefferson Davis Highway
 Arlington, Virginia 22202
 0059-1142-0 PCT

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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9. Statement and signature

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Marvin J. Spivak

Name of Person Signing

Signature

2/10/00

Date

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Total number of pages including this cover sheet: 3

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 Washington, D.C. 20231

Assignment Of Application

WHEREAS, I (WE) Hideki Tohda, Yuko Hama and Hiromichi

Kumagai

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

all of: c/o Asahi Glass Company Ltd.

1150, Hazawa-cho, Kanagawa-ku,

Yokohama-shi, KANAGAWA

221-0863 JAPAN

_____, respectively,

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: INDUCIBLE PROMOTER GENE AND SECRETION SIGNAL GENE FOR USE IN SCHIZOSACCHAROMYCES POMBE, EXPRESSION VECTOR CONTAINING THEM AND THEIR USE,

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on June 15, 1999

(Application No. 09/331,581, filed June 30, 1999), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

WHEREAS, Asahi Glass Company Ltd.

(hereinafter referred to as "ASSIGNEE") having a place of business at: _____

1-2, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-0005 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.

EXECUTED AT JAPAN

Date: June 15 1999 [Signature]
 (Signature of Inventor) Hideki Tohda

Date: June 15, 1999 [Signature]
 (Signature of Inventor) Yuko Hama

Date: June 15 1999 [Signature]
 (Signature of Inventor) Hiromichi Kumagai

Date: _____
 (Signature of Inventor)

Date: _____
 (Signature of Inventor)

Date: _____
 (Signature of Inventor)

Date: _____
 (Signature of Inventor)

Date: _____
 (Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
 ATTORNEYS AT LAW
 FOURTH FLOOR
 1755 JEFFERSON DAVIS HIGHWAY
 ARLINGTON, VIRGINIA 22202