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22-0617P  
Page 1 of 2

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Trademark Office:  
prints or copy thereof.

## 1. Name of conveying party(ies):

[FAMILY NAME (ALL CAPS), Given Name]

TOHYAMA, Masaya

KATAYAMA, Taiichi

MANABE, Takayuki

IMAIZUMI, Kazunori

IKEDA, Yoko

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

☐ YES ☒ NO

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

Name: JAPAN SCIENCE AND TECHNOLOGY  
AGENCY

Internal Address:

Street Address: 1-8, Hon-cho, 4-chome

City: Kawaguchi-shi State: Saitama ZIP:

Country: Japan

Postal Code: 332-0012

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

## 3. Nature of conveyance:

☒ Assignment☐ MergerExecution Date: October 28, 2003, October 28, 2003,  
October 29, 2003, October 28, 2003 and October 21, 2003,  
respectively

## 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:

October 28, 2003, October 28, 2003, October 29, 2003, October 28, 2003 and October 21, 2003, respectively

A. Patent Application No(s).

New

10482115

B. Patent No.(s).

Additional numbers attached? ☐ YES ☒ NO5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: BIRCH, STEWART, KOLASCH &amp; 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.

Gerald M. Murphy, Jr., #28,977

Name of Person Signing/Reg. No.

  
Signature 32,181

December 24, 2003

Date

Total number of pages including cover sheet, attachments, and document: Four (4)

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PATENT  
REEL: 015380 FRAME: 0236

10/482115

Atty. Docket No.: 1422-0617P

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Attachment to  
RECORDATION FORM COVER SHEET

Continuation of Box 1--Name of conveying party(ies):

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Continuation of Box 2--Name and address of receiving party(ies):

**TAISHO PHARMACEUTICAL CO., LTD.**

**24-1, Takada 3-chome, Toshima-ku**

**Tokyo 170-8633 Japan**

Continuation of Box 4--Application number(s) or patent number(s):

**BIRCH, STEWART, KOLASCH & BIRCH, LLP**UNITED STATES PATENT RIGHTS, OR  
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS**ASSIGNMENT**Application No. NewFiled Dec. 24, 2003Insert Name(s)  
of Inventor(s)\*\*\***(FAMILY NAME (ALL CAPS), Given Name)**\*\*\*

WHEREAS, TOHYAMA Masaya ; KATAYAMA Taiichi  
MANABE Takayuki ; IMAIZUMI Kazunori ; IKEDA Yoko  
 \_\_\_\_\_ ; \_\_\_\_\_  
 \_\_\_\_\_ ; \_\_\_\_\_  
 \_\_\_\_\_ ; \_\_\_\_\_  
 \_\_\_\_\_ ; \_\_\_\_\_  
 \_\_\_\_\_ ; \_\_\_\_\_

Insert Title  
of Invention

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in  
**NUCLEIC ACID PARTICIPATING IN THE FORMATION OF PRESENILIN-2-GENE EXON**  
**5-DEFECTIVE SPLICING VARIANT**

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date  
of Signing of  
Application

on October 21, 28 and 29, 2003 ; and  
Japan Science and Technology Agency

Insert Name  
of AssigneeWHEREAS, TAISHO PHARMACEUTICAL CO., LTD.Insert Address  
of Assignee

1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 Japan  
 of 24-1, Takada 3-chome, Toshima-ku, Tokyo 170-8633 Japan

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

**CHECK BOX**  
IF APPROPRIATE☐ in any foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the 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.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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

Date 2003, 10, 28,

Name of Inventor Masaya Tohyama  
(signature) TOHYAMA Masaya

Date Oct 28 / 2003,

Name of Inventor Taiichi Katayama  
(signature) KATAYAMA Taiichi

Date Oct 29 / 2003,

Name of Inventor Takayuki Manabe  
(signature) MANABE Takayuki

Date Oct 28 / 2003,

Name of Inventor Kazunori Imaizumi  
(signature) IMAIZUMI Kazunori

Date October 21, 2003,

Name of Inventor Yoko Ikeda  
(signature) IKEDA Yoko

Date \_\_\_\_\_,

Name of Inventor \_\_\_\_\_  
(signature)