

03-15-2005

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To the Director of the U.S. Patent and Trademark Office: Please print name(s) and address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Shin-ichiro ASANO;
Hisanori BANDO;
Mikiko NOZAWA

Execution Date(s) February 24, 2005

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

2. Name and address of receiving party(ies)

Name: Phyllom, LLC

Internal Address: _____

Street Address: 1455 Adams Drive Suite 1081

City: Menlo Park

State: CA

Country: USA Zip: 94025

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- 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)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Phyllom, LLC ATTN: Kurt W. Carlson

Internal Address: _____

Street Address: 1455 Adams Drive Suite 1081

City: Menlo Park

State: CA Zip: 94025

Phone Number: 650-328-1700

Fax Number: _____

Email Address: kurt_carlson@sbcglobal.net

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 25

- 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 _____
Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Kurt W. Carlson
Signature

March 1, 2005
Date

Kurt W. Carlson, Registration Number 46,601

Total number of pages including cover sheet, attachments, and documents: 4

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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(40.00 DP)

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. **Shin-ichiro ASANO**
2-1-305 N25W13 Kita-ku
Sapporo, Hokkaido, Japan 001-0025
2. **Mikiko NOZAWA**
21-656-206 N15W2 Kita-ku
Sapporo, Hokkaido, Japan 001-0015
3. **Hisanori BANDO**
2-7 Shinkotoni 8-6 Kita-ku
Sapporo, Hokkaido, Japan 001-0908

Hereby sells, assigns and transfers to ASSIGNEE, PhylloM LLC, a California Limited Liability Company, having its principal offices located at 1445 Adams Drive, Suite 1081, Menlo Park, CA 94025, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in PH-001-05 entitled:

RECOMBINANT ORGANISMS PRODUCING INSECT TOXINS AND METHODS FOR CONSTRUCTING SAME

and which is found in

- (a) ___ U.S. provisional application filed herewith and listing the above named persons as inventors
- (b) X U.S. patent application filed herewith and listing the above named persons as inventors
- (c) ___ U.S. application serial no _____, filed on _____
- (d) ___ U.S. Patent No.: _____, issued _____

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

AND the ASSIGNOR(S) requests the Director of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, PhylloM LLC.

executed this

The ^{the} 24th day of Feb., 2005

Signature of Inventor(s)

Shin-ichiro ASANO
Shin-ichiro ASANO

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. **Shim-ichiro ASANO**
2-1-305 N25W13 Kita-ku
Sapporo, Hokkaido, Japan 001-0025
2. **Mikiko NOZAWA**
21-656-206 N15W2 Kita-ku
Sapporo, Hokkaido, Japan 001-0015
3. **Hisanori BANDO**
2-7 Shinkotoni 8-6 Kita-ku
Sapporo, Hokkaido, Japan 001-0908

Hereby sells, assigns and transfers to ASSIGNEE, **Phyllom LLC, a California Limited Liability Company**, having its principal offices located at **1445 Adams Drive, Suite 1081, Menlo Park, CA 94025**, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in PH-001-05 entitled:

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- (c) ___ U.S. application serial no _____, filed on _____
- (d) ___ U.S. Patent No.: _____, issued _____

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

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executed this

The 24th day of Feb., 2005

Signature of Inventor(s)

M. Nozawa
Mikiko NOZAWA

ASSIGNMENT

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2-1-305 N25W13 Kita-ku
Sapporo, Hokkaido, Japan 001-0025
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AND the ASSIGNOR(S) requests the Director of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, Phylom LLC.

executed this

The 24th day of Feb., 2005

Signature of Inventor(s)

Hisanori Bando
Hisanori BANDO