

12-21-2006



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To the Director of the U.S. Patents and

Transmit the attached documents or the new address(es) below.

1. Name of conveying party(ies):

MARK W. PAINTER
SHUOSEN ROBERT LIU
JIANDA LI
KONG YEW CHAN

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

3. Nature of conveyance:

Execution Date(s) 12/08/2006

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: TREND MICRO INCORPORATED

Internal Address: _____

Street Address: Shinjuku MAYNDS Tower 27F

2-1-1 Yoyogi, Shibuya-Ku, Tokyo

City: _____

State: _____

Country: Japan Zip: 151-0053

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

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

A. Patent Application No.(s)

11/592,000

B. Patent No.(s)

12/20/2006 DBYRNE 00000093 11592000

01 FC:0021

40.00 OP

Additional numbers attached? ☐ Yes ☒ No

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

Name: OKAMOTO & BENEDICTO LLP

Internal Address: _____

Street Address: P.O.BOX 641330

City: SAN JOSE

State: CA Zip: 95164-1330

Phone Number: (408) 436-2110

Fax Number: (408) 436-2114

Email Address: _____

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 _____
Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature :

December 15, 2006

Signature

Date

Patrick D. Benedicto

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

3

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 018717 FRAME: 0041

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred herein as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Trend Micro Incorporated**, a **Japan** corporation, having a place of business at **Shinjuku MAYNDS Tower 27F, 2-1-1 Yoyogi, Shibuya-Ku, Tokyo 151-0053, Japan**, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled "**AUTHENTICATION PROTOCOL FOR NETWORK SECURITY SERVICES**" ("APPLICATION"), the declaration for which was executed on _____,:

- ☐ is to be filed herewith
☒ was filed on **11/01/2006**,
☒ now bearing U.S. Serial Number **11/592,000**; and

2. The entire worldwide right, title, and interest in and to:
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION;
(c) all divisional, provisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted or have been granted on the applications set forth in (a), (b), and (c) above; and (d) all right of priority in and to the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all assignments, oaths, powers of attorney, applications, and other papers (and/or documents) necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.


INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney(s) of record the power to insert on this Assignment any further identification that 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.

Title of Document: ASSIGNMENT

Re:
Title: AUTHENTICATION PROTOCOL FOR NETWORK SECURITY SERVICES
Serial No.: 11/592,000
Filed: (if applicable) November 1, 2006
Atty. Docket No. 10033.007000

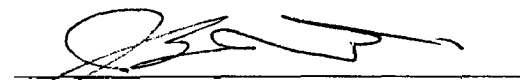
This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature

Mark W. Painter

Date of
Signature12/8 .2006Name and Signature

Shuosen Robert Liu

Date of
Signature12-8 .2006Name and Signature

Jianda Li

Date of
Signature12-08 .2006Name and Signature

Kong Yew Chan

Date of
Signature12/08 .2006