

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jing CAO</td> <td>03/31/2012</td> </tr> <tr> <td>Xiangdong RUAN</td> <td>03/31/2012</td> </tr> <tr> <td>Juliang JIANG</td> <td>03/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jing CAO	03/31/2012	Xiangdong RUAN	03/31/2012	Juliang JIANG	03/31/2012
Name	Execution Date								
Jing CAO	03/31/2012								
Xiangdong RUAN	03/31/2012								
Juliang JIANG	03/31/2012								
RECEIVING PARTY DATA									
Name:	Trend Micro, Inc.								
Street Address:	SHINJUKU MAYNDS TOWER, 30F 2-1-1, YOYOGI								
City:	SHIBUYA-KU, TOKYO								
State/Country:	JAPAN								
Postal Code:	151-0053								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13418265</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13418265				
Property Type	Number								
Application Number:	13418265								
CORRESPONDENCE DATA									
Fax Number:	(408)255-8002								
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	BEYER LAW GROUP LLP								
Address Line 1:	P.O. Box 1687								
Address Line 4:	Cupertino, CALIFORNIA 95015-1687								
ATTORNEY DOCKET NUMBER:	TRNDP130								
NAME OF SUBMITTER:	Jonathan O. Scott								
Total Attachments: 1 source=Assignment#page1.tif									

CH \$40.00 13418265

PATENT

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

TELEPHONE CALL CHALLENGE TO BLOCK SPAM

(Atty. Docket No. TRNDP130), (check one)

- for which I have executed a U.S. patent application on even date herewith. (Accompanying)
 which bears U.S. Application No. 13/418,265. (Not accompanying)
 which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

- 1) Sell, assign and transfer to **Trend Micro Incorporated**, a Japanese corporation having a place of business at **Shinjuku MAYNDS Tower, 30F 2-1-1, Yoyogi, Shibuya-ku, Tokyo, JAPAN 151-0053** ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the Application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

1) Signature: Jing Cao Date: 2012.3.31
Typed Name: Jing CAO

2) Signature: Xiangdong RUAN Date: 2012.3.31
Typed Name: Xiangdong RUAN

3) Signature: Juliang JIANG Date: 2012.3.31
Typed Name: Juliang JIANG

Atty Docket No.: TRNDP130/TM11-192

Page 1 of 1

PATENT

RECORDED: 05/10/2012

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