

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Angelos D Keromytis	05/25/2009
Salvatore J Stolfo	05/19/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	The Trustees of Columbia University in the City of New York
<b>Street Address:</b>	535 West 116th Street
<b>Internal Address:</b>	110 Low Memorial Library
<b>City:</b>	New York
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10027
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12302774
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(212)931-8521
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(212) 931-8561
Email:	info@byrnepoh.com
Correspondent Name:	Byrne Poh LLP
Address Line 1:	11 Broadway, Suite 865
Address Line 4:	New York, NEW YORK 10004
ATTORNEY DOCKET NUMBER:	0315120.201-US2
NAME OF SUBMITTER:	Philip R. Poh
Total Attachments: 4 source=0315120_201_US2_Assignment#page1.tif source=0315120_201_US2_Assignment#page2.tif	

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0315120.201-US2

ASSIGNMENT

WHEREAS, we, the undersigned (collectively "the Assignors"), are the inventors of a certain new and useful invention and discovery entitled "Systems, Methods, and Media for Generating Bait Information for Trap-Based Defenses Inhibiting Attacks on Applications" ("the Invention") for which a patent application was filed with the United States Patent and Trademark Office on November 26, 2008 as U.S. Patent Application Number 12/302,774 ("the Application").

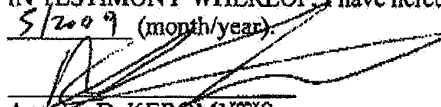
WHEREAS, The Trustees of Columbia University in the City of New York, existing under the laws of New York, having its principal office at 110 Low Memorial Library, 535 West 116<sup>th</sup> Street, New York, NY 10027, which together with its successors and assigns (collectively "the Assignee") is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

For valuable consideration, receipt and sufficiency of which is hereby acknowledged, Assignors hereby assign to Assignee all of Assignors' right, title, and interest in and to the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any applications and/or patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including utility applications, divisionals, continuations, continuations-in-part, international applications, and/or foreign regional and/or national applications); or any application based in whole or in part on any of the foregoing.

Assignors agree that such Assignors and Assignors' heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge, and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignors relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Assignors further agree that such Assignors will, without further compensation to Assignors during the term of such Assignors' employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

0315120.201-US2

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 25 day of 5/2009 (month/year).

  
Angelos D. KEROMYTIS  
423 W. 120<sup>th</sup> Street, Apt. 98  
New York, NY 10027

On this 25 day of MAY (month), 2009 (year), Angelos D. KEROMYTIS, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.

Witness Signature: Elizabeth Dora Keromytis

Printed Name: ELIZABETH KEROMYTIS

Residential Address: 423 W. 120<sup>th</sup> St. #98 NY, NY 10027

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_ (month/year).

\_\_\_\_\_  
Salvatore J. STOLFO  
80 Kenilworth Road  
Ridgewood, NJ 07450

On this \_\_\_\_ day of \_\_\_\_ (month), \_\_\_\_ (year), Salvatore J. STOLFO, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.

Witness Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Residential Address: \_\_\_\_\_

**ASSIGNMENT**

WHEREAS, we, the undersigned (collectively "the Assignors"), are the inventors of a certain new and useful invention and discovery entitled "Systems, Methods, and Media for Generating Bait Information for Trap-Based Defenses Inhibiting Attacks on Applications" ("the Invention") for which a patent application was filed with the United States Patent and Trademark Office on November 26, 2008 as U.S. Patent Application Number 12/302,774 ("the Application").

WHEREAS, The Trustees of Columbia University in the City of New York, existing under the laws of New York, having its principal office at 110 Low Memorial Library, 535 West 116<sup>th</sup> Street, New York, NY 10027, which together with its successors and assigns (collectively "the Assignee") is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

For valuable consideration, receipt and sufficiency of which is hereby acknowledged, Assignors hereby assign to Assignee all of Assignors' right, title, and interest in and to the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any applications and/or patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including utility applications, divisionals, continuations, continuations-in-part, international applications, and/or foreign regional and/or national applications); or any application based in whole or in part on any of the foregoing.

Assignors agree that such Assignors and Assignors' heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge, and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignors relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Assignors further agree that such Assignors will, without further compensation to Assignors during the term of such Assignors' employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_ (month/year).

Angelos D. KEROMYTIS  
423 W. 120<sup>th</sup> Street, Apt. 98  
New York, NY 10027

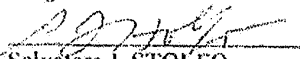
On this \_\_\_\_ day of \_\_\_\_\_ (month), \_\_\_\_\_ (year), Angelos D. KEROMYTIS, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.

Witness Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Residential Address: \_\_\_\_\_

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 19 day of May 2009 (month/year).

  
Salvatore J. STOLFO  
80 Kenilworth Road  
Ridgewood, NJ 07450

On this 19 day of May (month), 2009 (year), Salvatore J. STOLFO, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.

Witness Signature: GABRIEL T CIOCARLIE

Printed Name: GABRIEL T CIOCARLIE

Residential Address: 542 W 112TH ST, #5E  
NEW YORK, NY, 10025