

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAYARAMAN MANNI	02/04/2010
ASHAR AZIZ	02/04/2010
FENGMIN GONG	03/10/2010
AMIN SUKHERA	02/04/2010
UPENDRAN LOGANATHAN	03/10/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FIREEYE, INC.
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<b>City:</b>	MILPITAS
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95035
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14481801
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(714)546-9035
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<b>ATTORNEY DOCKET NUMBER:</b>	101966.0012P3
<b>NAME OF SUBMITTER:</b>	KYLE M. ST. JAMES, REG. NO. 72791
<b>SIGNATURE:</b>	/Kyle M. St. James/
<b>DATE SIGNED:</b>	03/28/2016
<b>Total Attachments: 3</b>	

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**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, **Jayaraman Manni, Ashar Aziz, Fengmin Gong, Amin Sukhera, and Upendran Loganathan** do hereby sell, assign, and transfer to **FireEye, Inc., a corporation** with offices at **1390 McCarthy Blvd., Milpitas, CA 95035** ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in United States patent application number **12/571,294** filed **September 30, 2009** and entitled:

**"Network-Based Binary File Extraction and Analysis for Malware Detection"**

and in and to said application and all utility, divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States patent application; and


Agree that said Assignee may apply for and receive patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history

thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

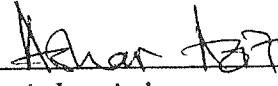
Covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

We hereby authorize and request Carr & Ferrell LLP, to insert the filing date and application number of this application upon allocation of this information by the United States Patent and Trademark Office.

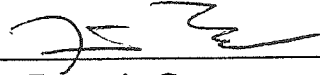
Date: 02/04/2010

Name:   
Jayaraman Manni

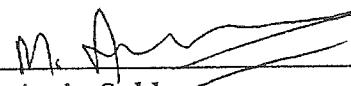
Date: 2/4/2010

Name:   
Ashar Aziz

Date: 3-10-10

Name:   
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Date: 02/04/2010

Name:   
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Date: 3/10/2010

Name: *n. dogan*  
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