

## 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>
JIJO XAVIER	06/26/2018
ROBERT VENAL	06/26/2018
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16020896
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<b>SIGNATURE:</b>	/William W. Schaal/
<b>DATE SIGNED:</b>	10/09/2018
<b>Total Attachments: 2</b>	
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ASSIGNMENT

WHEREAS, the undersigned, inventors,

Jijo Xavier of Milpitas, California, USA

Robert Venal of Milpitas, California, USA

(referred to hereinafter as "ASSIGNOR(S)") have invented a certain invention entitled

**SYSTEM AND METHOD FOR DETECTING REPETITIVE CYBERSECURITY  
ATTACKS CONSTITUTING AN EMAIL CAMPAIGN**

for which a patent application for Letters of Patent of the United States of America was filed herewith (or on \_\_\_\_\_, serial number \_\_\_\_\_); which together with related experimental data, trade secret, and other know-how is referred to hereinafter as the INVENTION;

WHEREAS FireEye, Inc., a Delaware corporation having its principal place of business at 601 McCarthy Blvd. Milpitas, California 95035, USA (referred to hereinafter as "ASSIGNEE"), is desirous of acquiring all entire right, title and interest in, to and under said INVENTION, and in, to and under Letters Patent or similar legal protection to be or having been obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto; and

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns, transfers and sets over unto the ASSIGNEE, its successors and assigns the entire title, right and interest in and to the INVENTION, and to all Letters Patent or similar legal protection arising therefrom, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said INVENTION by said application and all provisional, non-provisional, utility, design, continuation, continuation-in-part, divisional, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted, including all priority rights under any International Convention.

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

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

ASSIGNOR(S) and ASSIGNEE each covenant to perform all acts and execute and deliver all documents as may be necessary or appropriate to carry out the intent and purposes of this assignment.

This assignment embodies the entire understanding of ASSIGNOR(S) and ASSIGNEE and supersedes and replaces any and all pre-existing assignments or understandings between ASSIGNOR(S) and ASSIGNEE. No amendment or modification of this assignment shall be valid or binding upon ASSIGNOR(S) or ASSIGNEE unless made in writing and signed on behalf of each of ASSIGNOR(S) and ASSIGNEE by their respective duly authorized representative.

WITNESS my hand at Milpitas, CA, this 26 day of June 2018  
City State Month

/Jijo Xavier/  
Jijo Xavier

WITNESS my hand at Milpitas, CA, this 26 day of June 2018  
City State Month

/Robert Venal/  
Robert Venal