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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY	ΟΑΤΑ			
		Name	Execution Date	
JARNO NIEMELÄ			11/14/2016	
ERKA KOIVUNEN			11/01/2016	
RECEIVING PARTY D	ΔΤΔ			
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PROPERTY NUMBERS Total: 1 Property Type		Number		
Application Number:		15353108	-	
	be sent to f provide : : NUMBER:	(203)944-0245 o the e-mail address first; if that is un d; if that is unsuccessful, it will be se 203.925.9400 jcapra@hspatent.com HARRINGTON & SMITH 4 RESEARCH DRIVE, SUITE 202 SHELTON, CONNECTICUT 06484-62 846B.0008.U1(US) MARK HARRINGTON	ent via US Mail.	
SIGNATURE:		/mark harrington/	/mark harrington/	
SIGNATURE:		10/00/0010	12/02/2016	
		12/02/2016		
SIGNATURE: DATE SIGNED:		This document serves as an Oat	h/Declaration (37 CFR 1.63).	

ASSIGNMENT OF INVENTION CONTAINING THE INVENTOR'S DECLARATION

Title of Invention	Improving Security of Computer Resources				
Filing	This assignment is directed to useful improvements as described in (check all that apply) :				
Details	Provisional Application No.	Filed On			
	US Application No.	_ Filed On			
	a 371 national stage of	Filed On			
	United Kingdom Patent Application 1520403.5	Filed On 19 November 2015			
	PCT Application No.	Filed On			

This ASSIGNMENT is between inventors Jarno Niemelä and Erka Koivunen as Assignors; and F-SECURE CORPORATION, a corporation organized under the laws of Finland, having its principal office in Tammasaarenkatu 7, FIN-00180 Helsinki, Finland, as Assignce.

As the below named inventors, we have invented certain improvements in the patent application for which an application for Letters Patent have been filed as identified above.

We authorize the attorney of record to update this document to include Filing Details as listed above (i/e., filing date, serial number, etc.) to correspond to the Title of the Invention and Docket Number if such Filing Details are not available at the time we signed this document;

F-SECURE CORPORATION wishes to acquire the entire right, title and interest in and under the said invention and the said application. This includes any and all Letters Patent granted in all countries where it has been filed, including all rights to claim priority, and to all improvements which are disclosed in the said invention.

We hereby sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under said invention, and said application. This includes all divisional, renewal, substitutional, non-provisional, and continuing applications thereof, and all Letters Patent of all countries which may be granted thereon and all reissues, reexaminations, and extensions thereof, and all extensions, renewals, reexaminations, and reissues thereof. Furthermore, this also includes all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages. We hereby authorize and request the official of any country, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this document. We hereby acknowledge that we have received sufficient compensation.

We have the full right to convey the entire interest assigned in this document, and we have not executed, and will not execute, any agreement in conflict with this assignment.

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We will do everything possible to aid said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries. This includes communicating any facts known to us respecting said invention, testifying in any legal proceedings, signing all lawful papers, executing all divisional, renewal, substitutional, continuing, reexamination, and reissue applications, and making all rightful declarations and oaths.

This Assignment is deemed to be effective at least as early as 19 November, 2015 (the first filing priority date).

DECLARATION

As the below named inventor, I hereby declare that:

This declaration is directed to

The attached application or

 $\frac{15}{353108}$ application number filed on $\frac{11}{16}/2016$

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

Applying to the applications filed with the United States Patent and Trademark Office:

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Inventor/Assignor Name: Jarno Niemelä Residence Address: Kirkkonummi, Finland

Inventor Signature

Dated: 14-71-

Witness Signature

Witness Name: ROB CURTIS

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PATENT REEL: 040493 FRAME: 0641 Inventor/Assignor Name: Erka Koivunen Residence Address: Helsinki, Finland

Assignee docket FSC497.

Inventor Signature

Dated: <u>2016-11-0</u>

Witness Signature Witness Name: Sirpa AllCh

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