PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETR VANEK	03/28/2017
JAN SCHWARZ	03/28/2017
PAVEL STUDENÝ	03/28/2017

RECEIVING PARTY DATA

Name:	AVAST SOFTWARE S.R.O.	
Street Address:	PIKRTOVA 1737/1A	
City:	PRAHA 4	
State/Country:	CZECH REPUBLIC	
Postal Code:	140 00	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15933290

CORRESPONDENCE DATA

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Email: pto-kc@huschblackwell.com HUSCH BLACKWELL LLP **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	517284.10285	
NAME OF SUBMITTER:	WILLIAM B. KIRCHER	
SIGNATURE:	/William B. Kircher/	
DATE SIGNED:	03/22/2018	

Total Attachments: 3

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> **PATENT** REEL: 045322 FRAME: 0016 504833262

Docket No. 517284.10198

ASSIGNMENT

WHEREAS, Petr Vaněk, having a residential address of Brněnská 350, 691 63 Velké Němčice, Czech Republic, Jan Schwarz, having a residential address of Albína Krejčího 795/26, 679 61 Letovice, Czech Republic, and Pavel Studený, having a residential address of Polívkova 539, 158 00 Praha 5, Czech Republic, (the "Assignors"), are the inventors of a certain new and useful invention (the "Invention") relating to:

ENCRYPTED DATA SHARING WITH A HIERARCHICAL KEY STRUCTURE

for which a provisional application was filed on March 25, 2017 as U.S. Patent Application Serial No. 62/476,763 (the "Application"); and

WHEREAS, Assignors are the owners and in full possession of the entire right, title and interest in and to said Invention, in and to said Application and in and to any and all Letters Patent that may be granted therefor; and

WHEREAS Avast Software s.r.o., a corporation duly organized under the laws of the Czech Republic, (hereinafter referred to as "Assignee"), having its principal office and place of business at Pikrtova 1737/1a, 140 00 Praha 4, Czech Republic, is desirous of acquiring the entire right, title and interest in and to said Invention, in and to said Application and in and to any and all Letters Patent that may be granted therefor; and

NOW, THEREFORE, to all whom it may concern, be it known that, for \$1.00 and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors do hereby sell, assign and transfer unto said Assignee, the entire right, title and interest within the United States, its territories and possessions, and all foreign countries, in and to said Invention, said Application, and any and all Letters Patent that may be granted therefor in the United States, its territories and possessions, and all foreign countries, together with any and all provisionals, non-provisionals, continuations, continuations-in-part, divisions, reissues, renewals, reexaminations, substitutes or extensions thereof, and including all rights to claim priority, and

Assignors do hereby authorize and request all appropriate domestic and foreign patent or government authorities in foreign countries to issue in accordance with this Assignment any and all Letters Patent that may be granted, either on said Application or otherwise for said Invention.

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ASSIGNORS further covenant and agree that they will, at any time upon request, execute and deliver any and all documents that may be necessary or desirable to perfect Assignee's rights in and to the Invention and any and all United States and/or foreign Letters Patent that may be granted on said application or otherwise for said Invention.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the day and year written below.

Petr Vaněk (Assignor)

lad Pol

3/28/2017

Inventor Signature

Date

Jan Schwarz (Assignor)

3/28/2017

Inventor Signature

Date

Pavel Studený (Assignor)

Inventor Signature

14-03-28

Date

Avast Software s.r.o. (Assignee)

27 MARCH 2017

ALAN RASSABY, EXECUTIVE DIRECTOR Printed Name and Title

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