505182176 11/08/2018

EPAS ID: PAT5228944

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARTIN BÁLEK	03/25/2018
ONDREJ SVEC	03/19/2018
MARTIN VEJMELKA	03/25/2018

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:	16184423

CORRESPONDENCE DATA

Fax Number: (816)983-8080

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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Phone: 816-983-8000

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

Address Line 1: 4801 MAIN STREET, SUITE 1000 Address Line 4: KANSAS CITY, MISSOURI 64112

ATTORNEY DOCKET NUMBER:	517284.10336
NAME OF SUBMITTER:	WILLIAM B. KIRCHER
SIGNATURE:	/William B. Kircher/
DATE SIGNED:	11/08/2018

Total Attachments: 4

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> **PATENT** REEL: 047454 FRAME: 0827 505182176

ASSIGNMENT

WHEREAS, Martin Bálek, having a residential address of Proboštovská 18, Teplice, 41501, Czech Republic, Ondřej Švec, having a residential address of Nad Chmelnicí 238, Velehrad, 68706, Czech Republic and Martin Vejmelka, having a residential address of Vaňkova 296/11, Praha 14, 19800, Czech Republic (the "Assignors"), are the co-inventors (together with Marek Krčál, having a residential address of Kubišova 2273/6a, Praha 8, 18200, Czech Republic – the "Co-Inventor"), of a certain new and useful invention (the "Invention") relating to:

MALWARE CLASSIFICATION OF EXECUTABLE FILES BY CONVOLUTIONAL NETWORKS

for which a provisional patent application was filed in the United States under application number 62/583,366 (the "Application"); and

WHEREAS, Assignors are the owners and in full possession of the entire (except the rights of the Co-Inventor) 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, the Invention was conceived by the Assignors in the course of their employment by 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; and

WHEREAS Assignee is desirous of acquiring the entire Assignors' 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 therefore duly and timely exercised its right to a patent with respect to the Invention pursuant to Section 9(3) of the Czech Act on Inventions and Rationalization Proposals No. 527/1990 Coll.; 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

KCP-8259018-1

Docket No. 517284,10269

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.

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.

Martin Bálek (Assignor)	
Failer 2	(-320p
Inventor Signature	Date
Ondřej Švec (Assignor)	
Inventor Signature	Date
Martin Vejmelka (Assignor)
Vin	V.3.2018
Inventor Signature	Date

KCP-8259018-1

Docket No. 517284 10269

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.

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.

marini Daron (i bong.com)	
Inventor Signature	Date
•	
Ondřej Švec (Assignor)	
Undrie There	19/3/201
Inventor Signature	Date
Martin Vejmelka (Assigno	or)
Inventor Signature	Date

Martin Bálek (Assignor)

KCP-8259018-1

Avast Software s.r.o. (Assignee)

Signature

Date

Alan Rassaby, Managing Director

KCP-8259018-1

PATENT REEL: 047454 FRAME: 0831