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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5681025

SUBMISSION TYPE:		NEV	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY	DATA					
		Nam	е		Execution Date	
JASON A. GARMAN					09/27/2016	
BENJAMIN JOHNSON					09/29/2016	
JASON J. MCFARLAND					09/27/2016	
RECEIVING PARTY D	ΑΤΑ					
Name:	CARBO	ON BLACK	, INC.			
Street Address:	1100 W	1100 WINTER STREET				
City:	WALTH	HAM				
State/Country:	MASSA	ACHUSET	ГS			
Postal Code:	02451					
PROPERTY NUMBERS Total: 1 Property Type			Number			
PROPERTY NUMBERS Total: 1			Number	7		
Application Number:		15704676	704676			
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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Benjamin Johnson; Jason A. Garman; and Jason J. McFarland (hereinafter referred to as Assignors), residing at 1140 Laurie Lane, Burr Ridge, Illinois 60527; 43802 Abbott Place, Ashburn, Virginia 20147; and 7710 Secretariat Lane, Fair Oaks Ranch, Texas 78015, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in CYBERSECURITY INCIDENT DETECTION SYSTEMS AND TECHNIQUES, set forth in a Provisional application for Letters Patent of the United States, already filed on September 14, 2016 as U.S. Application No. 62/394,420; and

WHEREAS, Carbon Black, Inc., a corporation having its principal place of business at 1100 Winter Street, Waltham, Massachusetts 02451 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assigners have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

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AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignce, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Provisional application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

GOODWIN PROCTER LLP

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All practitioners at Customer Number 051414

AND Assignors acknowledge an obligation of assignment of this invention to Assignce at the time the invention was made.

Jason J. **(**cFarland

Souten ber 27h, 2014 United States of America 3 State of) \$8.3 Tem County of A. ____, <u>ZUIG</u>, before me ____, to me known to be the individual On this 2.7/2 day of September Jason J. McFarland personally came described in and who executed the foregoing instrument, and acknowledged execution of the same.



Date:

Notary Pobly

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1	
	R _ /
	Bepjamin Johnson
Date 09/29/2016	
United States of America	
State of TILLOOLS s	8.:
County of <u>DuPage</u>)	
On this <u>29</u> day of <u>Septemb</u>	Φ_{-} , $\Delta O(C_{-})$, before me
personally came Benjamin Johnson	, to me known to be the individual
described in and who executed the foregoing inst of the same.	rument, and acknowledged execution
	PA NU NO CALINA
	Chistion Genielo Notary Public
	"OFFICIAL SEAL"
	CHRISTINE M. GERICKE NOTARY PUBLIC, STATE OF ILLINOIS
	MY COMMISSION EXPIRES 8/14/2019
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	PATENT
	REEL: 050130 FRAME: 0253

Jason A.' Garman 27th Septem bersdell Date: United States of America) \$5.: outoun State of County of ember_ 201 day of , before me 2 On this Jason A. Garman , to me known to be the individual personally came described in and who executed the foregoing instrument, and acknowledged execution of the same. n n a Notary Public IMISSIO ********** ACTIVE/87928260.1 PATENT REEL: 050130 FRAME: 0254

RECORDED: 08/22/2019