505181337 11/08/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

tylesheet Version v1.2

EPAS ID: PAT5228105

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IGOR BARINOV	10/12/2018
VICTOR LYSENKO	10/12/2018
SERGUEI BELOUSSOV	10/12/2018
MARK SHMULEVICH	10/12/2018
STANISLAV PROTASOV	10/12/2018

RECEIVING PARTY DATA

Name: ACRONIS INTERNATIONAL GMBH	
Street Address: RHEINWEG 9	
City:	SCHAFFHAUSEN
State/Country:	SWITZERLAND
Postal Code:	8200

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15726605

CORRESPONDENCE DATA

Fax Number: (212)484-3990

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 212-484-3900

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Correspondent Name: ARENT FOX LLP

Address Line 1: 1301 AVENUE OF THE AMERICAS

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Address Line 4: NEW YORK, NEW YORK 10019

ATTORNEY DOCKET NUMBER:	035898-00062	
NAME OF SUBMITTER:	MICHAEL FAINBERG	
SIGNATURE:	/Michael Fainberg/	
DATE SIGNED:	TE SIGNED: 11/08/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT 505181337 REEL: 047451 FRAME: 0001

Total Attachments: 5 source=00062SignedDeclarations#page1.tif source=00062SignedDeclarations#page2.tif source=00062SignedDeclarations#page3.tif source=00062SignedDeclarations#page4.tif

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PATENT REEL: 047451 FRAME: 0002

tana and the state of the state	DEC	DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1,76) AND ASSIGNMENT		
This declaration is directed to: The attached application or PCT international application number X United States application or PCT international application number 15/726,605 filed on October 6, 2017 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. I have reviewed and understand the contents of the above-identified application, including the claims, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.58, including for confituation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application, the receipt and sufficiency of which is hereby acknowledged, I, as assignor, hereby self, assign and set over to Acronis International GmbH, having an address at Rheinweg 9, Schaffhausen, Switzerland \$200, as assigned and activate of the continuation of the continuation in a distribution of the enter ingit, little and interest for the United States and all other countries including all rights of protony from the filing of said application, and all rights for past infingement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting there from to said assignee herein, as assignee of the entire interest therein; and the undersigned for myosif and my legal representatives, hois and assignee herein, as assignee or dis assignee or its representatives all facts known to the undersigned respecting said inventions, wherever requested, to lestify the any interferences or ot	Title of Invention			
The attached application or PCT international application number The attached application or PCT international application number 15/726,605	As the belo	w named inventor, I declare that:		
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. I have reviewed and understand the contents of the above-identified application, including the claims. I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for confinuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application. For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, as assignor, hereby self, assign and set over to Acronis International GmbH, having an address at Rheinweg 9, Schaffhausen, Switzerland 3200, as assignee, the enter right, title and interest for the United States and all other countries in and to all inventions disclosed and/or claimed in the above-identified application, all enginal, divisional, continuation, substitute or seaso applications and patents applied for or granted therefor in the United States and all other countries, including all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting there from to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself and my legal representatives, here assigns to hereby agree and covernant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments therefor is all assignee of its assigns, to commiscate to said assignee entering and the undersigned or patents made become involved, to sign all lawful papers, make all rightful orders, and to the undersigned respecting said invent		The attached application, or		
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All statements made herein of my/our own knowledge are true, all statements made herein on Information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both, and may jeopardize the validity of the application or any patent issuing thereon. LEGAL NAME OF INVENTOR Inventor: Serguei Beloussov Date: 0 12 18	assign and a assignee, th and/or claim patents appli of said appli authorized a of the entire and covenar for Patent or its represent interference papers, mak nominees to	set over to Acronis International GmbH, having an address at Rheinweg 9, Schaffhausen, Switzerland 5200, as a entire right, title and interest for the United States and all other countries in and to all inventions disclosed ed in the above-identified application, all onginal, divisional, continuation, substitute or reissue applications and led for or granted therefor in the United States and all other countries, including all rights of priority from the filing cation, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby not requested to issue all patents on said inventions or resulting there from to said assignee herein, as assignee interest therein; and the undersigned for myself and my legal representatives, heirs and assigne do hereby agree at without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications in said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or atives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any so or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful e all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and obtain patent protection for said inventions in the United States and all other countries, the expenses incident to		
believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both, and may jeopardize the validity of the application or any patent issuing thereon. LEGAL NAME OF INVENTOR Inventor: Serguel Beloussov Date: 0112/18				
Inventor: Serguei Beloussov Date: 0/12/18	believed to l are punisha	be true, and further that these statements were made with the knowledge that willful false statements and the like ble under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both, and may jeopardize the		
A CONTRACTOR OF THE CONTRACTOR	LEGAL NA	ME OF INVENTOR		
**Signature:	Inventor:	Serguei Beloussov Date: 0/12/18		
	**Signature			

** An electronic S-signature is permitted. The S-signature must consist only of letters, or Arabic numerals, or both, with appropriate spaces and commas, periods, apostrophes, or hyphens for punctuation, and the person signing the correspondence must insert his or her own S-signature with a first single forward slash mark before and a second single forward slash mark after the S-signature (e.g., /Dr., James T. Jones, Jr./).

Page #1

Initial 10/02/12

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT		
Title of Invention	SYSTEM AND METHOD FOR FILE AUTHENTICITY CERTIFICATION USING BLOCKCHAIN NETWORK	
As the below	w named inventor, I declare that:	
This declaration is directed t		
[United States application or PCT international application number 15/726,605 filed on October 6, 2017	
The above-k	entitled 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.	
I have review	red and understand the contents of the above-identified application, including the claims.	
material to pa became avai	e the duty to disclose to the United States Patent and Trademark Office all information known to me to be stentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which lable between the filing date of the prior application and the national or PCT International filing date of the in-oart application.	
assign and si assigned, the and/or claime patents applic of said applic authorized aid of the entire and covernan for Patent on its represent interferences papers, make nominees to	I valuable consideration, the receipt and sufficiency of which is hereby acknowledged, i, as assignor, hereby sell, at over to Acronis International GmbH, having an address at Rheinweg 9, Schaffhausen, Switzerland 8200, as a entire right, little and interest for the United States and all other countries in and to all inventions disclosed at in the above-identified application, all original, divisional, continuation, substitute or reissue applications and ed for or granted therefor in the United States and all other countries, including all rights of priority from the filing ation, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby addressed to issue all patents on said inventions or resulting there from to said assignee herein, as assignee tremes therein; and the undersigned for myself and my legal representatives, heirs and assigns do hereby agree to without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or atives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any continuation to the proceedings in which any of said applications or patents may become involved, to sign all tawful a all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and obtain patent protection for said inventions in the United States and all other countries, the expenses incident to ions to be borne and paid by said assignee.	
	ined hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or which would conflict with this assignment.	
believed to b are punishat	is made herein of my/our own knowledge are true, all statements made herein on information and belief are e true, and further that these statements were made with the knowledge that wiliful false statements and the like all under 18 U.S.C. 1001 by line or imprisonment of not more than five (5) years, or both, and may jeopardize the application or any patent issuing thereon.	
LEGAL NA	ME OF INVENTOR	
Inventor:	Igor Barinov / Date: 10 / 12 / 2018	
**Signature	=	
nnnnn000000		

** An electronic S-signature is permitted. The S-signature must consist only of letters, or Arabic numerals, or both, with appropriate spaces and commas, periods, apostrophes, or hyphens for punctuation, and the person signing the correspondence must insect his or her own S-signature with a first single forward stash mark before and a second single forward stash mark after the S-signature (e.g., //or. James T. Jones, Jr./).

Initial 10/02/12

DECI	DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT		
Title of Invention	SYSTEM AND METHOD FOR FILE AUTHENTICITY CERTIFICATION USING BLOCKCHAIN NETWORK		
As the below	w named inventor, I declare that:		
This declaration is directed t			
[X United States application or PCT international application number 15/726,605 filed on October 5, 2017		
The above-id	lentified 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.		
I have review	ed and understand the contents of the above-identified application, including the claims.		
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assign and s assignee, the and/or claim patents applied of said applied authorized a of the entire and covenar for Patent or its represent interferances interferances makens makens nominees to	divaluable consideration, the receipt and sufficiency of which is hereby acknowledged, I, as assignor, hereby sell, set over to Acronis International GmbH, having an address at Rhelnweg 9, Schaffhausen. Switzerland 8200, as eight enter a fight, title and interest for the United States and all other countries in and to all inventions disclosed ed in the above-identified application, all original, divisional, continuation, substitute or reisaue applications and ied for or granted therefor in the United States and all other countries, including 8t rights of priority from the filing cation, and all rights for past infringement, and the Commissioner of Patents and Trademerks is hereby action, and all rights for past infringement, and the Commissioner of Patents and Trademerks is hereby agree interest therein; and the undersigned for myself and my legal representatives, hairs and assigns to hereby agree in twithout further remaineration, to execute and deliver all divisional. Continuation, reissue and other applications assignment in said inventions and all assignments thereof to said assignee or is assigns, to communicate to said assignee or isatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any sor or their legal proceedings in which any of said applications or patents may become involved, to sign all lawful as all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and obtain patent protection for said inventions in the United States and all other countries, the expenses incident to litera to be borne and paid by said assignee.		
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believed to t are punishal	its made herein of my/our own knowledge are true, all statements made herein on information and belief are be true, and further that these statements were made with the knowledge that willful false statements and the like ble under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both, and may jeopardize the e application or any patent issuing thereon.		
LEGAL NA	ME OF INVENTOR		
Inventor.	Victor Lysenko Data: Oct Bay 12, 2018		
**Signature			

** An electronic S-signature is permitted. The S-signature must consist only of letters, or Arabic numerals, or both, with appropriate spaces and commas, periods, apostrophes, or hyphens for punctuation, and <u>the person signifing the correspondence must insert his or her own S-signature</u> with a first single forward stash mark before and a second single forward stash mark after the S-signature (e.g., /Dr. Jamas T. Jonas, Jr./).

Initial 10/02/12

Page # 1

AFDOCS/16074477.1

DEC	DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.78) AND ASSIGNMENT		
fitte of nvention	SYSTEM AND METHOD FOR FILE AUTHENTICITY CERTIFICATION USING BI NETWORK	LOCKCHAIN	
As the bel	elow named inventor, I declare that:		
This decis			
	X United States application or PCT international application number 15. filed on October 8, 2017	726,605	
The above	ve-identified application was made of authorized to be made by ms.		
I believe th	that I am the original inventor or an original joint inventor of a claimed invention in the application.		
I have reul	iviewed and understand the contents of the above-identified application, including the claims.		
majerial to became aw continuation of the salid apparatus ap of salid apparatus of the smill and coven for Patent its represse interference papers, monimees said applic.	All the duty to disclose to the United States Patent and Trademark Office sill information known to patentability as defined in 37 CFR 1.58, including for continuation-in-part applications, material available between the filling date of the prior application and the national or PCT International filling titlor-in-part application. If and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, it is as as and set over to Acronis International GmbH, having an address at Rheinway 9 Schaffhausen. See the entire right, title and interest for the United States and all other countries in and to all inventional aimed in the above-identified application, all original, divisional continuation substitute of missue applied for or granted therefor in the United States and all other countries, including all rights of prisopplication, and all rights for past infringement, and the Commissioner of Patents and Trademarks is add requested to issue all patents on asid inventions or resulting there from to said assignee he and interest therein, and the undersigned for myself and my tegal representatives, heirs and assignees in the interest therein, and the undersigned for myself and my tegal representatives, heirs and assignees in the one said inventions and all assignments thereof to said assignee or its assigns, to communicate interest interest the said facts known to the undersigned respecting said inventions, whenever requested, to increase or other legal proceedings in which any of said applications or patents may become involved make all rightful patent protection for said inventions in the United States and all other countries, the explications to be borne and paid by said assignment, sale, agreement or encumbrance has been or will into which would conflict with this assignment.	information which date of the signor, hereby sell, vizedentd 8200, as ma disclosed applications and pricy from the filing shereby rein, as assignee is do hereby agree ther applications a said assignee or said assignee or selly in any to sign all lawful , assigns and penses incident to	
believed to are punish	iments made herein of my/our own knowledge are true, all sistements made herein on information is to be true, and further that these statements were made with the knowledge that willful false state ishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, by both, and of the application or any patent issuing thereon.	ments and the like	
LEGAL N	NAME OF INVENTOR	· · · · · · · · · · · · · · · · · · ·	
Inventor:	or: Stanislav Protisaby Date 1017	118	
**Signatu	(4)		

"An electronic S-signature is permitted. The S-signature must consist only of letters, or Arabic numerals, or both, with appropriate spaces and commas, periods, spostrophes, or hyphens for punctuation, and the person signing the correspondence must insert his or her own S-signature with a first single forward stash mark before and a second single forward stash mark after the S-signature (e.g., fOr, James T. Jones, Jr./).

Page#1

Initial 10/02/12

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Title of Invention	SYSTEM AND METHOD FOR FILE AUTHENTICITY CERTIFICATION USING BLOCKCHAIN NETWORK	
As the belo	ow named inventor, I declare that:	
This declar is directed	fo; The attached application, or	
	X United States application or PCT international application number 15/726,605 filed on October 6, 2017	
The above-i	dentified application was made or authorized to be made by me.	
I believe tha	nt I am the original inventor or an original joint inventor of a claimed invention in the application.	
Chave revia	wed and understand the contents of the above-identified application, including the claims.	
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assign and assignes, if and/or dain patents app of said appl authorized and coverns for Patent oits represer interference papers, manominees to and coverns of the said coverns of the said coverns for Patent oits represer interference and coverns of the said the sa	In valuable consideration, the receipt and sufficiency of which is hereby acknowledged, t, as assignor, hereby sell, set over to Acronis International GmbH, having an address at Rheinweg 9, Schaffhausen, Switzerland 8290, as the entire right, title and internst for the United States and all other countries in and to all inventions disclosed need in the above-identified application, all original, divisional, continuation, substitute or reissue applications and illed for or granted therefor in the United States and all other countries, including all rights of priority from the filling loation, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby and requested to issue all patents on said inventions or resulting there from to said assignee herein, as assignee interest therein; and the undersigned for myself and my legal representatives, heirs and assigns do hereby agree of without further remineration, to execute and deliver all divisional, continuation, reissue and other applications in said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or tatives all facts known to the undersigned respecting said inventions, wherever requested, to testify in any set or other legal proceedings in which any of said applications or patents may become involved, to sign all tawful ke all rightful paths, and to do generally everything necessary to assist assignee, its successors, assigns and publish patent protection for said inventions in the United States and all other countries, the expenses incident to stitutes be better and paid by said assignee.	
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LEGAL N	AME OF INVENTOR	
Inventor:	Mark Shmulevich Date: 10/12/13	
**Signatur	8:	

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RECORDED: 11/08/2018