### 505401713 03/29/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5448507

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
VICTOR SHULGA	03/21/2019
VASILY SEMYONOV	03/19/2019
SERGUEI BELOUSSOV	03/19/2019
STANISLAV PROTASOV	03/20/2019
MARK SMULEVICH	03/19/2019
ANDREY REDKO	03/19/2019

## **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:	15086356

### **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

Email: patentdocket@arentfox.com

**Correspondent Name:** ARENT FOX LLP

1301 AVENUE OF THE AMERICAS Address Line 1:

Address Line 2: FLOOR 42

Address Line 4: NEW YORK, NEW YORK 10019

	PATENT
	This document serves as an Oath/Declaration (37 CFR 1.63).
DATE SIGNED:	03/29/2019
SIGNATURE:	/Michael Fainberg/
NAME OF SUBMITTER:	MICHAEL FAINBERG
ATTORNEY DOCKET NUMBER:	035898-00013

REEL: 048741 FRAME: 0096 505401713

# Total Attachments: 6 source=00013-DECS#page1.tif source=00013-DECS#page2.tif source=00013-DECS#page3.tif source=00013-DECS#page4.tif source=00013-DECS#page5.tif source=00013-DECS#page6.tif

PATENT REEL: 048741 FRAME: 0097

DECL	ARATION (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 LIVE VIRTUAL INCREMENTAL RESTORING OF DATA FROM CLOUD STORAGE
As the below	v named inventor, I declare that:
This declaration is directed to	
Σ	United States application or PCT international application number 15/086,356 filed on March 31, 2016
The above-ide	entified 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 reviewe	ed and understand the contents of the above-identified application, including the claims.
material to pat became availa	ethe duty to disclose to the United States Patent and Trademark Office all information known to me to be tentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which table between the filing date of the prior application and the national or PCT International filing date of the n-part application.
assign and set assignee, the and/or claimed patents applied authorized and of the entire in and covenant for Patent on sits representati interferences of papers, make a nominees to of	valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, as assignor, hereby sell, tower to Acronis International GmbH, having an address at Rheinweg 9, Schaffhausen, Switzerland 8200, as entire right, title and interest for the United States and all other countries in and to all inventions disclosed in the above-identified application, all original, divisional, continuation, substitute or reissue applications and of for or granted therefor in the United States and all other countries, including all rights of priority from the filing tion, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby it requested to issue all patents on said inventions or resulting there from to said assignee herein, as assignee terest therein; and the undersigned for myself and my legal representatives, heirs and assigns do hereby agree without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications add inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or itses all facts known to the undersigned respecting said inventions, whenever requested, to testify in any or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful 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 us to be borne and paid by said assignee.
The undersigner entered into wi	ed hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or nich would conflict with this assignment.
believed to be are punishable	made herein of my/our own knowledge are true, all statements made herein on information and belief are true, and further that these statements were made with the knowledge that wiliful faise statements and the like under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both, and may jeopardize the application or any patent issuing thereon.
LEGAL NAM	E OF INVENTOR
Inventor:	Victor Shulga Date: 2/. 03 ,20/3
**Signature:	Paus -

\*\* 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 significant the correspondence must insert his or his 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

AFDOCS/16074477.1

fitle of nvention	SYSTEM AND METHOD FOR LIVE VIRTUAL INCREMENTAL RESTORING OF DATA FROM CLOUD STORAGE
As the be	low named inventor, I declare that:
This decides is directed	
	X United States application or PCT International application number 15/086;356  filed on March 31; 2016
The above	Identified application was made or authorized to be made by me,
I believe th	at I am the original inventor or an original joint inventor of a claimed invention in the application.
I have revi	awed and understand the contents of the above-identified application, including the claims.
became a continuation of the continuation of t	petentability as defined in 37 CFR 1.56; including for continuation-in-part applications, material information which reliable between the filling date of the prior application and the national or PCT International filling date of the prior application and the national or PCT International filling date of the prior application, the receipt and sufficiency of which is hereby scknowledged, it as assignor, hereby self is set over to Actionis International GmbH, having an address at Rheinwag 9, Schaffhausan, Switzerland 8200, as the entire right, title and interest for the United States and ell other countries in and to all inventions disclosed med in the above-identified application, all original, divisional, continuation, substitute or reliave applications and pilled for or granted therefor in the United States and all other countries, including all rights of priority from the filling pillication, and all rights of priority from the filling pillication, and all rights of priority from the filling pillication and all rights of priority from the filling pillication and all rights of priority from the filling pillication and all rights of priority from the filling pillication and all rights of priority from the filling pillication and all rights of priority from the filling pillication and all requires therein; and the undersigned for myself and my legal representatives, here and other explications on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or natives all facts known to the undersigned respecting said inventions, whenever requested, to tastify in any case or other legal proceedings in which any of said applications or patents may become involved, to sign all lewful ake all rightful quits, and to do generally everything necessary to assist assignee, its successors, assigns and to obtain patent protection for said inventions in the United States and all other countries, the expenses incident to pations to be borne and paid by said assignee.
The under	
The under entered in All statem believed to are punish	to which would conflict with this assignment.  ents 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 sable under 16.U.S.C. 1001 by fine or imprisonment of not more than five (6) years, or both, and may jeopardize the the application or any patent issuing thereon.
The under entered in All statem believed to are punish validity of	ents made herein of my/our own knowledge are true, all statements made herein on information and belief are on be true, and further that these statements were made with the knowledge that willful false statements and the like table under 18 U.S.C. 1001 by fine or imprisonment of not more than five (6) years, or both, and may jeopardize that explication or any patent issuing thereon.  IAME OF INVENTOR
The under entered in All statem believed to are punish validity of LEGAL N	ents made herein of my/our own knowledge are true, all statements made herein on information and belief are to be true, and further that these statements were made with the knowledge that willful false statements and the like table under 18 U.S.C. 1001 by fine or imprisonment of not more than five (6) years, or both, and may jeopardize the the application or any patent issuing thereon.

"An electronic S-signature is permitted. The S-signature must consist only of letters, or Arabic numerals, or both, with appropriate apaces 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 stash mark before and a second single forward stash mark efter the S-signature (e.g., IDr. James T. Jones, Jr.).

Page # 1

Initial 10/02/12

AFDOCS/16074477.1

## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT SYSTEM AND METHOD OF USING PERFORMANCE-MAINTAINING COMMANDS FOR Title of GENERATING A BACKUP OF UNSUPPORTED FILE SYSTEMS Invention As the below named inventor, I declare that: This declaration is directed to: The attached application, or X United States application or PCT international application number 14/987,868 January 5, 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. 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 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. For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, as assignor, hereby sell, assign and set over to Acronis International GmbH, having an address at Rhelnweg 9, Schaffhausen, Switzerland 8200, as assignee, the entire 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 original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filling of sald application, and 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, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said inventions in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee. The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. 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 **Andrey Redko** Inventor: Date: 3/19/2019 \*\*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./).

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 SYSTEM AND METHOD FOR LIVE VIRTUAL INCREMENTAL RESTORING OF DATA FROM Title of **CLOUD STORAGE** Invention As the below named inventor, I declare that: This declaration is directed to: The attached application, or X United States application or PCT international application number 15/086,356 March 31, 2016 filed on 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 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. For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, i, as assignor, hereby sell, assign and set over to Acronis International GmbH, having an address at Rheinweg 9, Schaffhausen, Switzerland 8200, as assignee, the entire 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 original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and 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, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said inventions in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee. The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. 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 Serguei Beloussov Inventor: \*\*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./).

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 LIVE VIRTUAL INCREMENTAL RESTORING OF DATA FROM CLOUD STORAGE
As the belo	w named inventor, I declare that:
This decla	
is directed	to: The attached application, or
	X   United States application or PCT International application number 15/086,358   filed on March 31, 2016
The above-	dentified application was made or authorized to be made by me.
I believe the	t I am the original inventor or an original joint inventor of a claimed invention in the application.
I have revie	wed and understand the contents of the above-identified application, including the claims.
material to became avi continuation. For good an assignee, it and/or clair patents app of said app authorized of the entire and covens for Patent of its represent interference papers, manominees to manage of the patent of the	ge the duty to disclose to the United States Patent and Trademark Office all information known to me to be patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which sliable between the filing date of the prior application and the national or PCT International filing date of the inin-part application.  Individually consideration, the receipt and sufficiency of which is hereby acknowledged, I, as assignor, hereby self, set over to Acronia International GmbH, having an address at Rheinweg 9, Schaffhausen, Switzerland 8200, as he entire right, title and interest for the United States and all other countries in and to all inventions disclosed hed in the above-identified application, all original, divisional, continuation, substitute or reissue applications and ided for or granted therefor in the United States and all other countries, including all rights of priority from the filing ication, 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 in twithout 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 latives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any is or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful to obtain patent protection for said inventions in the United States and all other countries, the expenses incident to stituns to be borne and paid by said assignee.
The unders	igned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or which would conflict with this assignment.
believed to are punish:	nts 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 tible under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both, and may jeopardize the se application or any patent issuing thereon.
LEGAL N	ME OF INVENTOR
Inventor:	Mark : Smulevich Dale : 3-19-2019
**Signatur	8:

"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, apostropties, 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., IDr. James T. Jones, Jr.I).

Page #1

Initial 10/02/12

AFDOCS/16074477.1

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 LIVE VIRTUAL INCREMENTAL RESTORING OF DATA FROM CLOUD STORAGE
As the below	v named inventor, I declare that:
This declarated to	
	X United States application or PCT international application number 15/086,356 filed on March 31, 2016
The above-ide	entified application was made or authorized to be made by me.
I believe that	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.
material to pa became availa	e the duty to disclose to the United States Patent and Trademark Office all information known to me to be tentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which able between the filing date of the prior application and the national or PCT International filing date of the n-part application.
assign and se assignee, the and/or claime- patents applice authorized an- of the entire ir and covenant for Patent on- its represental interferences a papers, make nominees to con-	valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, as assignor, hereby sell, tover to Acronis International GmbH, having an address at Rheinweg 9, Schaffhausen, Switzertand 8200, as entire right, title and interest for the United States and all other countries in and to all inventions disclosed d in the above-identified application, all original, divisional, continuation, substitute or reissue applications and d for or granted therefor in the United States and all other countries, including all rights of priority from the filing stion, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby d requested to issue all patents on said inventions or resulting there from to said assignee herein, as assignee iterest therein; and the undersigned for myself and my legal representatives, heirs and assigns do hereby agree 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 sives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and btain patent protection for said inventions in the United States and all other countries, the expenses incident to ms to be borne and paid by said assignee.
The undersignentered into w	red hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or hich would conflict with this assignment.
believed to be are punishable	made herein of my/our own knowledge are true, all statements made herein on information and belief are true, and further that these statements were made with the knowledge that willful false statements and the like a under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both, and may jeopardize the application or any patent issuing thereon.
LEGAL NAM	E OF INVENTOR
Inventor:	<u>Vasily Semyonov</u> Date: <u>Mesck 19.とのは</u>
**Signature:	
	<i></i>

\*\* 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

AFDOCS/16074477.1

**RECORDED: 03/29/2019** 

**PATENT**