505470940 05/10/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5517743

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYAN	ICE:	ASSIGNMENT	
CONVEYING PARTY DA	ATA		
		Name	Execution Date
BRUCE F. KATZ			05/10/2019
MAX PEYSAKHOV			03/28/2019
RECEIVING PARTY DA	ТА		
Name:	PTC INC.		
Street Address:	140 KENDRICK STREET		
City:	NEEDHAM		
State/Country:	MASSACHUSETTS		
Postal Code:	02494		
Broporty Type		Number	
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Property Type Application Number:	6	2659943	
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ATTORNEY DOCKET NUMBER:	140983.00901
NAME OF SUBMITTER:	MICHAEL K. JONES
SIGNATURE:	/Michael K. Jones/
DATE SIGNED:	05/10/2019

Total Attachments: 4

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ASSIGNMENT

WHEREAS, we, <u>Bruce F. Katz</u>, having a mailing address of 328 S. Smedley Street, Philadelphia, Pennsylvania 19103, United States of America; and <u>Max</u> <u>Peysakhov</u>, having a mailing address of 550 E. Swedesford Road, Suite 260, Wayne, Pennsylvania 19087, United States of America; hereinafter referred to as the ASSIGNORS, are the joint inventors of certain inventions or improvements for which we have made applications for Letters Patent to the United States, identified as U.S. Provisional Patent Application Serial No. 62/659,943, filed April 19, 2018, and Docket No. 140983.00901*, entitled DETECTION AND USE OF ANOMALIES IN AN INDUSTRIAL ENVIRONMENT; and

WHEREAS, <u>PTC Inc.</u> hereinafter referred to as the ASSIGNEE, of 140 Kendrick Street, Needham, Massachusetts 02494, United States of America, a corporation of Massachusetts, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said applications, and to any patent application(s) corresponding thereto, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged and intending to be legally bound hereby, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to said ASSIGNEE, the entire right, title and interest in and to said inventions or improvements and said applications and any and all corresponding patent application(s), and continuations, divisions and renewals of and substitutes for said corresponding application(s), and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, including the full right to sue for and collect damages for past violations of provisional rights having arisen from any publication of said applications or any continuations, divisions, or renewals of or substitutes for said applications. We further assign to and authorize said ASSIGNEE to file in our names corresponding patent applications for Letters Patent in all countries, the same to be held and enjoyed by said ASSIGNEE, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said applications, said corresponding patent application(s) and said Letters Patent to said ASSIGNEE, its successors, assigns, nominees or legal representatives, and each of us agrees to communicate to said ASSIGNEE, or to its nominee all known facts respecting said inventions or improvements, said applications, said corresponding patent application(s) and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said ASSIGNEE, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said ASSIGNEE, as ASSIGNEE of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the applications aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

We further authorize and direct our attorneys to insert below the application number and filing date of said application now identified as **Docket No. 140983.00901**.

*The above assignment covers Application No. <u>16/389,047</u>, filed on <u>April 19</u>, year of <u>2019</u>.

The above insertion made by me this <u>10th</u> day of <u>May</u>, year of <u>2019</u>.

michapk. Jour

of PEPPER HAMILTON LLP Name: Michael K. Jones Registration No.: 41,100

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

ASSIGNOR

DATE: 5/10/2019

Bruce Katz

Bruce F. Katz

 STATE OF ______)

 SS.

 COUNTY OF ______)

On ______, before me, the undersigned, a notary public for the State of ______, there personally appeared <u>Bruce F. Katz</u> personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

Notary Public

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IN WITNESS WHEREOF, I have hereunto set my hand and seal.

ASSIGNOR

DATE: 03/28/2019

Max Peysakböv

STATE OF SS. COUNTY OF ⁷

On <u>MOIGH 31, 2019</u>, before me, the undersigned, a notary public for the State of <u>DA</u>, there personally appeared <u>Max Pevsakhov</u> personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

Notary Public

COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Ellen Vos Rol, Notary Public Lower Southampton Twp., Bucks County My Commission Expires Aug. 15, 2020 My Commission Expires Aug. 15, 2020

RECORDED: 05/10/2019