505363644 03/07/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5410434

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES RYAN PSOTA	02/22/2019
JASON SETH PRENTICE	02/22/2019

RECEIVING PARTY DATA

Name:	PANJIVA, INC.
Street Address:	20 WEST 22ND STREET, SUITE 706
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10010

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16209887

CORRESPONDENCE DATA

Fax Number: (617)526-9899

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: (617) 526-9706

Email: docketingpatentboston@proskauer.com

Correspondent Name: PROSKAUER ROSE LLP
Address Line 1: ONE INTERNATIONAL PLACE

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	MGH-510
NAME OF SUBMITTER:	JASON P. COLANGELO
SIGNATURE:	/Jason P. Colangelo, #75,238/
DATE SIGNED:	03/07/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 050111 FRAME: 0990

505363644

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S):

Psota et al.

CONFIRMATION NO.: 7229

APPLICATION NO.: 16/209,887

FILING DATE:

December 4, 2018

mx:

MITRANSACTION PROCESSING IMPROVEMENTS

DECLARATION PURSUANT TO 37 C.F.R. § 1.63 AND ASSIGNMENT

DECLARATION ş.

As the below named inventor, I hereby make the following declarations with respect to the aboveidentified patent application:

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 aboveidentified application:

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims;

Lacknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-inpart applications, material information known by me which became available between the filing date of the prior application and the national or PCT international filling date of the continuation-in-part application; and

Thereby acknowledge that any willful false statement made in this declaration is punishable under 18 (7.5.(7.8.100) by fine or imprisonment of not more than five (5) years, or both.

II. ASSIGNMENT

WHEREAS, I. James Ryan Psota, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent; and

WHEREAS, Panjiva, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 20 West 22nd Street. Suite 706, New York NY 10010, desires to acquire an interest therein, in accordance with agreements duly entered into with me:

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby beknowledged. I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with my entire right, title and interest in and to said application and such letters patent as may issue thereon or claim priority under United States law of international convention, including but not limited to non-provisionals, continuations, divisionals, ressues, reesaminations, extensions, and substitutions of said application or such letters patent, and any right, fitle and interest I may have in provisional applications to which said application claims priority: said invention(s), applications and letters patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held by me

> PATENT REEL: 050111 FRAME: 0991

Amorney Docket No. MOH-519 U.S. Application No. 16 209 887 Page 2 of 2

had this assignment and sale not been made. Thereby convey all of my rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for letters patent, including but not limited to any cause(s) of action and damages according prior to this assignment. Thereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), carries with 0 the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all letters patent by atterneys and agents of ASSIGNEE's selection and the right to procure the good of all letters patent to ASSIGNEE in its own name as assignce of my entire right, this and interest therein.

Thereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the alterestid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, ressue, recommution, or corresponding foreign or international patent applications.

I hereby further agree to provide statements or test mony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved.

Thereby authorize and request the Director of the United States Patent and Trademark Office to issue such letters potent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

SIGNATURE BLOCK m.

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NOTARIZATION

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ANDRES AVALOS **Notary Public** Constitutive 20th of Massachuse 15 A Commence Co. 21 2022

erary Public

My Commission Expires: OC 100012-21, 1428

WITNESS

Witness Signature.

Witness Name:

Witness Date:

2-22-20/8

10517051361

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTORISE

CONFIRMATION NO.: 7229 Psota et al.

APPLICATION NO.: 16/209.887

FILING DATE:

December 4, 2018

TITLES

MERANSACTION PROCESSING IMPROVEMENTS

DECLARATION PURSUANT TO 37 C.F.R. § 1.63 AND ASSIGNMENT

DECLARATION **X**...

As the below named inventor, Thereby make the following declarations with respect to the aboveidentified patent application:

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 aboveidentified application:

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims:

I acknowledge the day to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in 37 C.P.R. § 1.56, including for continuation-inpart applications, material information known by me 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, and

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 $U \otimes C \lesssim 1001$ by fine or imprisonment of not more than five (5) years, or both.

III. ASSIGNMENT

WHEREAS, I. Juson Seth Premice, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent, and

WHEREAS, Pangiva, Inc. (hereinather "ASSIGNET"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 20 West 22nd Street, State 706. New York NY 10010, desires to acquire an interest therein, in accordance with agreements duly entered into with ex-

NOW THEREFORE, to all whom it may concern be it known that for and in consideration of said "greeniesis" and of other good and valuable consideration, the receipt of which is hereby neknowledged. Shave sold, assigned and transferred and by these presents do hereby sell, assign and transfer two and ASSIGNEE, its successors, assisms, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to (he styentsones) described in said application, together with my entire right, title and interest in and to said euppications and such teners patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, resesses, reexaminations, excensions, and substitutions of said application or such letters patent, and any right, title and interest I may have in provisional applications to which said application claims priority; said invention(s), applications and letters patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held by me

> PATENT REEL: 050111 FRAME: 0993

Amorney Direket No. MCH-540 F. S. Application No. 16 (1998) Page 2 012

had this assignment and sale not been made. Thereby convey all of my Hallis driving under or pursuant to any and all 1 mined States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for letters paters, including but not limited to any cause(s) of action and damages accroing prior to this assignment. Thereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all letters patent by americas and agents of ASSIGNEE's selection and the right to procure the grant of all letters patent to ASSIGNEE in its own name as assigned of thy entire right, title and interest therein,

thereby harder agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the adaptaph inventions) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, ressue, recommission, or corresponding foreign or international patent applications.

Thereby further agree to provide statements or testimony in day interference or other proceeding in which said inventions or any application or patent directed thereto may be involved.

Hereby authorize and purpose the Director of the United States Patent and Trademark Office to is an exact legger engage as shall be grained upon said application, or applications based the record to said ASSESSED IN AUGUSTON AND IN THE RESIDENCE OF THE PROPERTY OF T

111 SIGNATURE III OCK

inventor:

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State Commonwealth of MATA WAY WAY Country of Assembly Agency

Control 24 days Sebusy 2019 before me, the undersigned notary public. personally appeared Jason Seth Prentice proved to methylogic satisfactory evidence of identification. NAMES OF THE PROPERTY OF THE PARTY OF THE PA to be the person who wipame is signed pastic Discussing or attached document in my presence.



ANDRES AVALOS Notary Public Commonwealth of Massachusetts My Commission Expires Oct. 21, 2022

My Commission Expires CX, 7 ()GK - 7 (

WITNESS

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PATENT REEL: 050111 FRAME: 0994

RECORDED: 03/07/2019