## 504394502 06/02/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4441199

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ZAKIUL ISLAM	05/22/2017
AARON-KENNETH KARL REHAAG	05/23/2017
TIMOTHY WILLIAM BRAY	05/22/2017
PARITOSH MOHAN	05/22/2017
YUKE YANG	05/23/2017
JONATHAN LEWIS CLARK	05/23/2017
HUANGDONG MENG	05/23/2017
NATHAN ANDREW SCHNARR	05/24/2017
LUC RÉMI PONNAU	05/22/2017

#### **RECEIVING PARTY DATA**

Name:	AMAZON TECHNOLOGIES, INC.
Street Address:	PO BOX 81226
City:	SEATTLE
State/Country:	WASHINGTON
Postal Code:	98108-1226

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14876560

#### **CORRESPONDENCE DATA**

**Fax Number:** (512)853-8801

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Email:mmoffitt@intprop.comCorrespondent Name:ROBERT C. KOWERT

Address Line 1: PO BOX 398

Address Line 4: AUSTIN, TEXAS 78767-0398

ATTORNEY DOCKET NUMBER: 6924-18000/RCK

NAME OF SUBMITTER: ROBERT C. KOWERT

PATENT 504394502 REEL: 042571 FRAME: 0431

SIGNATURE:	/Robert C. Kowert/
DATE SIGNED:	06/02/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 13	
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U.S. Patent Appln. No. <u>14/876,560</u>

Attorney Docket No. 6924-18000

Filing Date October 6, 2015

Client Docket No. P26442-US

#### PARTIES TO THE ASSIGNMENT

Assignor(s):

**ZAKIUL ISLAM** 

410 Terry Avenue North Seattle, WA 98109-5210

**AARON-KENNETH KARL REHAAG** 

410 Terry Avenue North Seattle, WA 98109-5210

TIMOTHY WILLIAM BRAY

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**PARITOSH MOHAN** 

410 Terry Avenue North Seattle, WA 98109-5210

**YUKE YANG** 

410 Terry Avenue North Seattle, WA 98109-5210

Assignee:

Amazon Technologies, Inc. PO Box 81226 Seattle, WA 98108-1226

**AGREEMENT** 

<u>IENT</u>

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

"DATA FLOW MANAGEMENT IN PROCESSING WORKFLOWS" (Invention) for which a non-provisional application for United States Letters Patent (Application):

was filed on October 6, 2015 and accorded U.S. Application No. 14/876,560; or

will be filed concurrently with the submission of this executed PATENT ASSIGNMENT

for recordation.

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of

JONATHAN LEWIS CLARK

410 Terry Avenue North Seattle, WA 98109-5210

**HUANGDONG MENG** 

410 Terry Avenue North Seattle, WA 98109-5210

**NATHAN ANDREW SCHNARR** 

410 Terry Avenue North Seattle, WA 98109-5210

**LUC RÉMI PONNAU** 

410 Terry Avenue North Seattle, WA 98109-5210

Page 1 of 13

U.S. Patent Appln. No. 14/876,560

Attorney Docket No. 6924-18000

Filing Date October 6, 2015

Client Docket No. P26442-US

Title of Invention: DATA FLOW MANAGEMENT IN PROCESSING WORKFLOWS

Inventors: ZAKIUL ISLAM, AARON-KENNETH KARL REHAAG, TIMOTHY WILLIAM BRAY, PARITOSH MOHAN, YUKE YANG, JONATHAN LEWIS CLARK, HUANGDONG MENG, NATHAN

ANDREW SCHNARR, LUC RÉMI PONNAU

Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C., associated with Customer No. 136594, to insert

in the header above and here in parentheses (U.S. Patent Application No. 14/876,560, filed

October 6, 2015) this application's U.S. application number and filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the State of Nevada, is desirous of acquiring the

entire right, title and interest in and to the Invention and in and to any letters patent that may

be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of

which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its

successors and assigns, the entire right, title and interest in and to said Invention and any

improvements thereto, said Application and any and all letters patent which may be granted for

said Invention in the United States of America and its territorial possessions and in any and all

foreign countries, and in any and all provisional, divisions, reissues, re-examinations and

continuations thereof, including the right to file foreign applications directly in the name of

ASSIGNEE and to claim priority rights deriving from said Application to which said foreign

applications are entitled by virtue of international convention, treaty or otherwise, said

Invention, Application and all letters patent on said Invention to be held and enjoyed by

ASSIGNEE and its successors and assigns for their use and benefit and of their successors and

assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had

this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request

the Commissioner of Patents and Trademarks, as well as all other applicable patent offices

Page 2 of 13

U.S. Patent Appln. No. 14/876,560

Attorney Docket No. 6924-18000

Filing Date October 6, 2015

Client Docket No. P26442-US

Title of Invention: DATA FLOW MANAGEMENT IN PROCESSING WORKFLOWS

Inventors: ZAKIUL ISLAM, AARON-KENNETH KARL REHAAG, TIMOTHY WILLIAM BRAY, PARITOSH MOHAN, YUKE YANG, JONATHAN LEWIS CLARK, HUANGDONG MENG, NATHAN

ANDREW SCHNARR, LUC RÉMI PONNAU

throughout the world, to issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S)

agree to execute all instruments and documents required for the making and prosecution of

applications for United States and foreign letters patent on said Invention, for litigation

regarding said letters patent, or for the purpose of protecting title to said Invention or letters

patent therefor.

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its

successors, legal representatives, and assigns all claims for damages and all remedies arising out

of any violation of the rights assigned hereby that may have accrued prior to the date of

assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue

for, collect, and retain damages for past infringements of said letters patent before or after

issuance.

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will

communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to

ASSIGNOR respecting the Invention or said Application, and testify in any legal proceeding, assist

in the preparation of any other patent property relating to the Application and the Invention or

any improvements made thereto, sign/execute all lawful papers, provide all requested

documents, execute and make all rightful oaths and/or declarations in connection with the

Application and the Invention including any improvements made thereto, any patent

applications filed therefrom, and any continuing application filed from any of the

aforementioned applications, and generally do everything possible to aid ASSIGNEE, its

Page 3 of 13

U.S. Patent Appln. No. 14/876,560

Attorney Docket No. 6924-18000

Filing Date October 6, 2015

Client Docket No. <u>P26442-US</u>

Title of Invention: <u>DATA FLOW MANAGEMENT IN PROCESSING WORKFLOWS</u>

Inventors: ZAKIUL ISLAM, AARON-KENNETH KARL REHAAG, TIMOTHY WILLIAM BRAY, PARITOSH MOHAN, YUKE YANG, JONATHAN LEWIS CLARK, HUANGDONG MENG, NATHAN ANDREW SCHNARR, LUC RÉMI PONNAU

successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Invention in all countries. These provisions are binding upon ASSIGNOR's heirs, legal representatives, administrators, and assigns.

U.S. Patent Appln. No. 14/876,560 Attorney Docket No. 6924-18000 Filing Date October 6, 2015 Client Docket No. P26442-US Title of Invention: DATA FLOW MANAGEMENT IN PROCESSING WORKFLOWS Inventors: ZAKIUL ISLAM, AARON-KENNETH KARL REHAAG, TIMOTHY WILLIAM BRAY, PARITOSH MOHAN, YUKE YANG, JONATHAN LEWIS CLARK, HUANGDONG MENG, NATHAN ANDREW SCHNARR, LUC RÉMI PONNAU **DECLARATION** As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States Patent Application number <u>14/876,560</u> filed on <u>October 6, 2015</u>; or PCT International Application number \_\_\_\_\_\_\_ 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, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both. ZAKIÛE PSEAFWF4... May 22, 2017 Date

U.S. Patent Appln. No. 14/876,560 Attorney Docket No. 6924-18000 Filing Date October 6, 2015 Client Docket No. P26442-US Title of Invention: DATA FLOW MANAGEMENT IN PROCESSING WORKFLOWS Inventors: ZAKIUL ISLAM, AARON-KENNETH KARL REHAAG, TIMOTHY WILLIAM BRAY, PARITOSH MOHAN, YUKE YANG, JONATHAN LEWIS CLARK, HUANGDONG MENG, NATHAN ANDREW SCHNARR, LUC RÉMI PONNAU **DECLARATION** As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States Patent Application number <u>14/876,560</u> filed on <u>October 6, 2015</u>; or PCT International Application number \_\_\_\_\_\_\_ 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, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both. Maron-kenneth karl Rehaas AARON-KENNETH KARL REHAAG May 23, 2017 Date

U.S. Patent Appln. No. 14/876,560 Attorney Docket No. 6924-18000 Filing Date October 6, 2015 Client Docket No. P26442-US Title of Invention: DATA FLOW MANAGEMENT IN PROCESSING WORKFLOWS Inventors: ZAKIUL ISLAM, AARON-KENNETH KARL REHAAG, TIMOTHY WILLIAM BRAY, PARITOSH MOHAN, YUKE YANG, JONATHAN LEWIS CLARK, HUANGDONG MENG, NATHAN ANDREW SCHNARR, LUC RÉMI PONNAU **DECLARATION** As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States Patent Application number <u>14/876,560</u> filed on <u>October 6, 2015</u>; or PCT International Application number \_\_\_\_\_\_\_ 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, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both. May 22, 2017 Date

U.S. Patent Appln. No. <u>14/876,560</u>	Attorney Docket No. <u>6924-18000</u>
Filing Date October 6, 2015	Client Docket No. <u>P26442-US</u>
Title of Invention: <u>DATA FLOW MANAGEMENT IN</u>	PROCESSING WORKFLOWS
Inventors: ZAKIUL ISLAM, AARON-KENNETH KA PARITOSH MOHAN, YUKE YANG, JONATHAN LE ANDREW SCHNARR, LUC RÉMI PONNAU	
<u>DECLARATION</u>	
As a below named inventor, I hereby declare that	t:
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The above-identified application was made or a	uthorized to be made by me.
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me to be material to the patentability as defined	I in 37 CFR 1.56.
I hereby acknowledge that any willful false state under 18 USC 1001 by fine or imprisonment of n	
Paritosh Mohan/ PARIFOSH MOHAN	
May 22, 2017	
Date	

Page 8 of 13

U.S. Patent Appln. No. 14/876,560 Attorney Docket No. 6924-18000 Filing Date October 6, 2015 Client Docket No. P26442-US Title of Invention: DATA FLOW MANAGEMENT IN PROCESSING WORKFLOWS Inventors: ZAKIUL ISLAM, AARON-KENNETH KARL REHAAG, TIMOTHY WILLIAM BRAY, PARITOSH MOHAN, YUKE YANG, JONATHAN LEWIS CLARK, HUANGDONG MENG, NATHAN ANDREW SCHNARR, LUC RÉMI PONNAU **DECLARATION** As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States Patent Application number <u>14/876,560</u> filed on <u>October 6, 2015</u>; or PCT International Application number \_\_\_\_\_\_\_ 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, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both. May 23, 2017 Date

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	TH KARL REHAAG, TIMOTHY WILLIAM BRAY, IAN LEWIS CLARK, HUANGDONG MENG, NATHAN
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United States Patent Applicati	on number <u>14/876,560</u> filed on <u>October 6, 2015</u> ; or
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JONATHAN EEWIS CLARK	
May 23, 2017 Date	
Date	

U.S. Patent Appln. No. 14/876,560 Attorney Docket No. 6924-18000 Filing Date October 6, 2015 Client Docket No. P26442-US Title of Invention: DATA FLOW MANAGEMENT IN PROCESSING WORKFLOWS Inventors: ZAKIUL ISLAM, AARON-KENNETH KARL REHAAG, TIMOTHY WILLIAM BRAY, PARITOSH MOHAN, YUKE YANG, JONATHAN LEWIS CLARK, HUANGDONG MENG, NATHAN ANDREW SCHNARR, LUC RÉMI PONNAU **DECLARATION** As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States Patent Application number <u>14/876,560</u> filed on <u>October 6, 2015</u>; or PCT International Application number \_\_\_\_\_\_\_ 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, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both. **HUANGOONG**MENG May 23, 2017 Date

U.S. Patent Appln. No. <u>14/876,560</u>	Attorney Docket No. <u>6924-18000</u>
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I hereby acknowledge that any willful fals	e statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonme	ent of not more than five (5) years, or both.
Docusigned by:  /Nathan Andrew Schnam/	
NATHAN ANDREW SCHNARR	
May 24, 2017	
Date	

RECORDED: 06/02/2017

# **PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)**

U.S. Patent Appln. No. <u>14/876,560</u>	Attorney Docket No. <u>6924-18000</u>
Filing Date October 6, 2015	Client Docket No. <u>P26442-US</u>
Title of Invention: <u>DATA FLOW MANAGEN</u>	MENT IN PROCESSING WORKFLOWS
	ETH KARL REHAAG, TIMOTHY WILLIAM BRAY, HAN LEWIS CLARK, HUANGDONG MENG, NATHAN
DECLARATION	
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Docusigned by:  //w Kémi Ponnaw/  LUEREMI PONNAU	
May 22, 2017	
Date	

Page 13 of 13