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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4674106

NATURE OF CONVEYANCE: ASSIGNMENT CONVEYING PARTY DATA Name JAMES CHRISTOPHER CURLANDER JULES COOK GRAYBILL MARSHALL FRIEND TAPPEN BARRY JAMES O'BRIEN BARRY JAMES O'BRIEN 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 Aumber: (206)430-5115 CORRESPONDENCE DATA Fax Number: (206)430-5115 Correspondence will be sent to the e-mail address first; if that is unsuccessfusion in a sumber, if provide; if that is unsuccessfusion in a sumber, if provide; if that is unsuccessfusion in a sumber, if provide; if that is unsuccessfusion in a sumber: Phone: 2064305110 Email: karen@athorus.com Correspondent Name:	Execution Date 05/01/2014 04/24/2014 04/24/2014 04/24/2014
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Correspondent Name: LARRY HARRIS	
Address Line 1, $D \cap P \cap V = 70$	
Address Line 4:MOUNT VERNON, WASHINGTON 98273	
ATTORNEY DOCKET NUMBER: 110.0556-US-CON2	
NAME OF SUBMITTER: LARRY HARRIS	
SIGNATURE: /Larry Harris/	
DATE SIGNED: 11/03/2017	
This document serves as an Oath/Declarati	

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This Assignment and Declaration Copy is being filed in U.S. Continuation Application, Docket No. 110.0556-US-CON2

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 14/225,317 Filing Date March 25, 2014 Attorney Docket No. 110.0132 Client Docket No. P12972-US

PARTIES TO THE ASSIGNMENT Assignor(s):

JAMES CHRISTOPHER CURLANDER 410 Terry Avenue North Seattle, WA 98109-5210

JULES COOK GRAYBILL 410 Terry Avenue North Seattle, WA 98109-5210

MARSHALL FRIEND TAPPEN 410 Terry Avenue North Seattle, WA 98109-5210

BARRY JAMES O'BRIEN 410 Terry Avenue North Seattle, WA 98109-5210

Assignee: Amazon Technologies, Inc. PO Box 8102 Reno, NV 89507

AGREEMENT

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

"VERIFYING BIN CONTENT IN A MATERIALS HANDLING FACILITY" (Invention) for

which a non-provisional application for United States Letters Patent

was filed on March 25, 2014 and accorded U.S. Serial No. 14/225,317; or

will be filed with this executed PATENT ASSIGNMENT for recordation. ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of <u>Athorus, PLLC, P.O.</u>
 <u>Box 990, Seattle, Washington 98111</u>, associated with Customer No. <u>103182</u>, to insert in the header above and here in parentheses (U.S. application no. ______, filed ______) this application's U.S. application number and filing date, when known.

U.S. Patent Appln. No. 14/225,317 Filing Date March 25, 2014 Attorney Docket No. 110.0132 Client Docket No. P12972-US

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, division, 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 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.

Page 2 of 7

U.S. Patent Appln. No. 14/225,317 Filing Date March 25, 2014

Attorney Docket No. 110.0132 Client Docket No. P12972-US

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will communicate to said 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 the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Invention in all countries. These provisions are binding upon our heirs, legal representatives, administrators, and assigns.

CORRESPONDENCE ADDRESS

I hereby direct all correspondence and telephone calls in connection with this application be addressed to the number associated with the customer number listed below, which is:

> Customer No. "103182"

U.S. Patent Appln. No. 14/225,317 Filing Date March 25, 2014 Attorney Docket No. 110.0132 Client Docket No. P12972-US

DECLARATION

As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States application number <u>14/225,317</u> filed on <u>March 25, 2014</u>; or PCT international application number _______

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.

Legal name of inventor: JAMES CHRISTOPHER CURLANDER

~1~2014

Date

WITNESSED BY:

Date

Inventor Signature

Witness (Signature)

Witness (Printed Name)

Page 4 of 7

U.S. Patent Appln. No. 14/225,317 Filing Date March 25, 2014 Attorney Docket No. 110.0132 Client Docket No. P12972-US

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Legal name of inventor: JULES COOK GRAYBILL

2619

WITNESSED BY:

Date

llara,

Inventor Signature

Witness (Signature)

Witness (Printed Name)

Page 5 of 7

U.S. Patent Appln. No. 14/225,317 Filing Date March 25, 2014 Attorney Docket No. 110.0132 Client Docket No. P12972-US

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Legal name of inventor: MARSHALL FRIEND TAPPEN

Mal 2mar

Inventor Signature

Date

Date

WITNESSED BY:

Witness (Signature)

Witness (Printed Name)

Page 6 of 7

U.S. Patent Appln. No. 14/225,317 Filing Date March 25, 2014 Attorney Docket No. 110.0132 Client Docket No. P12972-US

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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.

Legal name of inventor; BARRY JAMES O'BRIEN

Date

WITNESSED BY:

Inventor Signature

Witness (Signature)

Witness (Printed Name)

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Page 7 of 7

RECORDED: 11/03/2017