#### 502602166 12/13/2013

#### PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2648502

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TAYLOR JAMES WHITE	11/21/2013
ALBERT COOPER JOHNSON	11/21/2013

### **RECEIVING PARTY DATA**

Name:	Amazon Technologies, Inc.	
Street Address:	P.O. Box 8102	
City:	Reno	
State/Country:	NEVADA	
Postal Code:	89507	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14065102

#### **CORRESPONDENCE DATA**

 Fax Number:
 (512)853-8801

 Phone:
 5128538800

Email: dpoudrier@intprop.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: ROBERT C. KOWERT

Address Line 1: P.O. BOX 398

Address Line 4: AUSTIN, TEXAS 78767-0398

ATTORNEY DOCKET NUMBER:	5924-64600/RCK
NAME OF SUBMITTER:	ROBERT C. KOWERT
Signature:	/Robert C. Kowert/
Date:	12/13/2013

PATENT

REEL: 031781 FRAME: 0965

Total Attachments: 5
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U.S. Patent Appln. No. 14/065,102 Filing Date October 28, 2013 Attorney Docket No. 5924-64600 Client Docket No. P9174-US

#### PARTIES TO THE ASSIGNMENT

Assignor(s):

TAYLOR JAMES WHITE 410 Terry Avenue North Seattle, WA 98109-5210

ALBERT COOPER JOHNSON 410 Terry Avenue North Seattle, WA 98109-5210

recordation.

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

#### AGREEMENT

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

"HETEROGENEOUS COMPUTATIONS ON HOMOGENEOUS INPUT DATA" (Invention) for which a non-provisional application for United States Letters Patent

| was filed on October 28, 2013 and accorded U.S. application no. 14/065,102; or

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

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C., associated with Customer No. 35690, to insert in the header above and here in parentheses (U.S. application no. 14/065,102, filed October 28, 2013) this application's U.S. application number and filing date, when known.

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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 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

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U.S. Patent Appln. No. 14/065,102 Filing Date October 28, 2013

Attorney Docket No. 5924-64600 Client Docket No. P9174-US

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 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.

35690

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U.S. Patent Appln. No. <u>14/065,102</u> Filing Date <u>October 28, 2013</u> Attorney Docket No. <u>5924-64600</u> Client Docket No. <u>P9174-US</u>

DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
United States application number 14/065.10	2 filed on October 28, 2013; or
PCT international application number	
The above-identified application was made or authorize	d to be made by me.
I believe that I am the original inventor or an original jo application.	int inventor of a claimed Invention in the
I have reviewed and understand the contents of the above duty to disclose to the US Patent & Trademark Office a patentability as defined in 37 CFR 1.56.	
I hereby acknowledge that any willful false statement m USC 1001 by fine or imprisonment of not more than five	•
Legal name of inventor: TAYLOR JAMES WHITE	Inventor Stenswire
WITNESSED BY:  Date	Witness (Signature)  S & De 2 & Co  Witness (Printed Name)

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U.S. Patent Appln, No. 14/065,102 Filing Date October 28, 2013 Attorney Docket No. <u>5924-64600</u> Client Docket No. <u>P9174-US</u>

<u>DECLARATION</u>	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
☑ United States application number 14/065	5,102 filed on October 28, 2013; or
PCT international application number	filed on
The above-identified application was made or autho	rized to be made by me.
I believe that I am the original inventor or an original application.	al joint inventor of a claimed Invention in the
I have reviewed and understand the contents of the a duty to disclose to the US Patent & Trademark Office patentability as defined in 37 CFR 1.56.	
I hereby acknowledge that any willful false statement USC 1001 by fine or imprisonment of not more than	
Legal name of inventor: ALBERT COOPER JOH	INSON Inventor Signature
WITNESSED BY:  Date	Witness (Signature)  Subervivo  Witness (Printed Name)

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PATENT REEL: 031781 FRAME: 0971

**RECORDED: 12/13/2013**