502061788 09/14/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gregory B. Roth	06/27/2012
Graeme D. Baer	07/10/2012

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13532768

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 90204-838325

NAME OF SUBMITTER: Shannon Alexander

Total Attachments: 4 source=ASSIGN#page1.tif source=ASSIGN#page2.tif source=ASSIGN#page3.tif source=ASSIGN#page4.tif

> PATENT REEL: 028965 FRAME: 0218

OF \$40.00 13532768

Attorney Docket No. 90204-838325 (053200US)

Client Docket No. P5086

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Gregory B. Roth 410 Terry Avenue North Seattle, WA 98109-5210

Graeme D. Baer 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

"DECENTRALIZED VERIFICATION IN A DISTRIBUTED SYSTEM" for which:

a non-provisional application for United States Letters Patent:
was filed on June 25, 2012 and accorded U.S. Serial No. 13/532,768; or
will be filed with this executed PATENT ASSIGNMENT. ASSIGNOR hereby
authorizes and requests ASSIGNEE'S legal representatives, of Firm Name. ,
associated with Customer No, to insert here in parenthesis (U.S. Serial No.
, filed) this APPLICATION's U.S. Serial
Number and filing date, when known.
WHEREAS, Amazon Technologies, Inc. (hereinafter referred to as ASSIGNEE), a corporation of

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the State of Nevada, is desirous of acquiring the entire right, title and interest in and to the invention and

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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 improvements, 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 United States 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.

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PATENT REEL: 028965 FRAME: 0220 6/27/2012 Date

Gregory B. Roth

WITNESSED BY:

(0127112)

Vitness (Signature)

Witness (Printed Name)

JULY 10, 2017

Graeme D. Baer

Date

WITNESSED BY:

<u>2110115</u>

Witness (Signature)

Witness (Printed Name)