504376808 05/19/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4423503

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
BRIAN JAFFERY TAJUDDIN	03/27/2017
CARLOS ALEJANDRO ARGUELLES	05/06/2015
JEREMY BOYNES	06/17/2015
ADAM LLOYD DAYS	03/26/2015
GAVIN R. JEWELL	05/14/2015
ERIN HARDING KRAEMER	03/26/2015
JEENANDRA KUMAR UTTAMCHAND	05/06/2015
MANOJ SRIVASTAVA	12/03/2009
TYSON CHRISTOPHER TRAUTMANN	03/16/2017
PRAVEEN KAMBAM SUGAVANAM	03/26/2015

## RECEIVING PARTY DATA

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

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14286539

## CORRESPONDENCE DATA

Fax Number: (509)323-8979

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: 509-324-9256

Email: cherylc@leehayes.com LEE & HAYES, PLLC Correspondent Name:

Address Line 1: 601 W. RIVERSIDE AVENUE

Address Line 2: **SUITE 1400** 

Address Line 4: SPOKANE, WASHINGTON 99201

ATTORNEY DOCKET NUMBER: AM2-1647US

PAIENI

**REEL: 042503 FRAME: 0178** 504376808

NAME OF SUBMITTER:	CHERYL CAMPBELL
SIGNATURE:	/Cheryl Campbell/
DATE SIGNED:	05/19/2017
Total Attachments: 23	
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PATENT REEL: 042503 FRAME: 0179

U.S. Patent Appln. No. <u>14/286,539</u>	Attorney Docket No. <u>AM2-1647US</u>
Filing Date <u>May 23, 2014</u>	Client Docket No. P12807-US

## **PARTIES TO THE ASSIGNMENT**

## Assignor(s):

## **BRIAN JAFFERY TAJUDDIN**

410 Terry Avenue North Seattle, WA 98109-5210

## **CARLOS ALEJANDRO ARGUELLES**

410 Terry Avenue North Seattle, WA 98109-5210

## JEREMY BOYNES

410 Terry Avenue North Seattle, WA 98109-5210

## ADAM LLOYD DAYS

410 Terry Avenue North Seattle, WA 98109-5210

## **GAVIN R. JEWELL**

410 Terry Avenue North Seattle, WA 98109-5210

## **ERIN HARDING KRAEMER**

410 Terry Avenue North Seattle, WA 98109-5210

## JEENANDRA KUMAR UTTAMCHAND

410 Terry Avenue North Seattle, WA 98109-5210

## **MANOJ SRIVASTAVA**

410 Terry Avenue North Seattle, WA 98109-5210

## TYSON CHRISTOPHER TRAUTMANN

410 Terry Avenue North Seattle, WA 98109-5210

## PRAVEEN KAMBAM SUGAVANAM

410 Terry Avenue North Seattle, WA 98109-5210

Page 1 of 14

J.S. Patent Appln. No. <u>14/286,539</u>	Attorney Docket No. AM2-1647US
Filing DateMay 23, 2014	Client Docket No. P12807-US

Assignee:

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

## **AGREEMENT**

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

"OPTIMIZATION OF APPLICATION PARAMETERS"

"(Invention) for which a non-provisional application for United States Letters Patent

| was filed on May 23, 2014 and accorded U.S. application no. 14/286,539; 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

Lee & Hayes PLLC, associated with Customer No. 29150, to insert in the header above and here in parentheses (U.S. application no. 14/286,539 filed May 23, 2014 ) 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

Page 2 of 14

U.S. Patent Appln. No. <u>14/286,539</u>
Filing Date <u>May 23, 2014</u>

Attorney Docket No. <u>AM2-1647US</u>

Client Docket No. P12807-US

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 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

Page 3 of 14

U.S. Patent Appln. No. <u>14/286,539</u>	Attorney Docket No. <u>AM2-1647US</u>
Filing Date <u>May 23, 2014</u>	Client Docket No. P12807-US

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.

29150

Page 4 of 14

U.S. Patent Appin. No. <u>14/286,539</u>	Attorney Docket No. AMZ-1647US
Filing Date May 23, 2014	Client Docket No. <u>P12807-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 14/286,539 file	ed on <u>May 23, 2014</u> ; or
PCT international application number	filed on
The above-identified application was made or authorized to b	e made by me.
I believe that I am the original inventor or an original joint inve application.	entor of a claimed Invention in the
I have reviewed and understand the contents of the above-ide duty to disclose to the US Patent & Trademark Office all information patentability as defined in 37 CFR 1.56.	•
I hereby acknowledge that any willful false statement made in USC 1001 by fine or imprisonment of not more than five (5) years.	
h gts	3/27/17
BRIAN JAFFERY TAJUDDIN Date	

U.S. Patent Appln. No. 14/286,539	Attorney Docket No. AM2-1647US
Filing Date May 23, 2014	Client Docket No. <u>P12807-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 14/286,5	39 filed on <u>May 23, 2014</u> ; or
PCT international application number	filed on
The above-identified application was made or authorize	ed to be made by me.
I believe that I am the original inventor or an original jo	int inventor of a claimed Invention in the
application.	
I have reviewed and understand the contents of the ab	ove-identified application, and acknowledge the
duty to disclose to the US Patent & Trademark Office al	Il 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 n	nade in this declaration is punishable under 18
USC 1001 by fine or imprisonment of not more than fiv	e (5) years, or both.
Legal name of inventor: CARLOS ALEJANDRO ARGUELLES	WITNESSED BY:
	And the state of t
Inventor Signature	Witness Signature
<u> </u>	Witness (Printed Name)
	Moy 6, 2015

U.S. Patent Appln. No. <u>14/286,539</u>	Attorney Docket No. AM2-1647US
Filing Date May 23, 2014	Client Docket No. <u>P12807-US</u>
DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
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$igsep$ United States application number $\underline{14/28}$	86,539_filed on <u>May 23, 2014</u> ; or
PCT international application number	filed on
The above-identified application was made or authorized	orized 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
	above-identified application, and acknowledge the e all information known to me to be material to the
I hereby acknowledge that any willful false statement of not more than	
Legal name of inventor: JEREMY BOYNES	WITNESSED BY:
11/2	
Inventor Signature	Witness Signature
<u>6/17/15</u> Date	Witness (Printed Name)
	Date

U.S. Patent Appln. No. 14/286,539	Attorney Docket No. AM2-1647US
Filing Date May 23, 2014	Client Docket No. <u>P12807-US</u>
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$\boxtimes$ United States application number <u>14/286</u>	<u>,539</u> filed on <u>May 23, 2014</u> ; or
PCT international application number	filed on
The above-identified application was made or author	ized 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 a	bove-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 f	ive (5) years, or both.
Legal name of inventor: ADAM LLOYD DAYS	WITNESSED BY:
Inventor Signature	Witness Signature
3/26/2015 Date	Witness (Printed Name)
च्च च वल	March 26, 2015
	Date

U.S. Patent Appln. No. 14/286,539	Attorney Docket No. AM2-1647US
Filling Date May 23, 2014	Client Docket No. <u>P12807-US</u>
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patentability as defined in 37 CFR 1.56.	
I hereby acknowledge that any willful false statement r	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:	
GAVIN R. JEWELL	WITNESSED BY:
	ies est
	and the state of t
Inventor Signature (	Witness Signature
5/14/2015	<u>Kelyn Lau</u>
Date	Witness (Printed Name)
	May 14, 2015
	Date

U.S. Patent Appln. No. <u>14/286,539</u>	Attorney Docket No. AM2-1647US
Filing DateMay 23, 2014	Client Docket No. <u>P12807-US</u>
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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 duty to disclose to the US Patent & Trademark Offic patentability as defined in 37 CFR 1.56.	
I hereby acknowledge that any willful false statement of not more than	
Legal name of inventor: ERIN HARDING KRAEMER	WITNESSED BY:
	NAME and Scantilla
Inventor Signature	Witness Signature
Date	Witness (Printed Name)

Date

U.S. Patent Appln. No. 14/286,539	Attorney Docket No. AM2-1647US
Filing Date May 23, 2014	Client Docket No. P12807-US
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•	
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USC 1001 by fine or imprisonment of not more than five (5) years, or both.	
Legal name of inventor:	
JEENANDRA KUMAR UTTAMCHAND	WITNESSED BY:
- Lead -	and the same of th
Inventor Signature	Witness Signature
May 1th 215	e Kalvan Ing
Date	Witness (Printed Name)
	Mar 6. 2015
	Date

U.S. Patent Appln. No. 14/286,539	Attorney Docket No. AM2-1647US
Filing Date May 23, 2014	Client Docket No. <u>P12807-US</u>
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I hereby acknowledge that any willful false statement USC 1001 by fine or imprisonment of not more than fi	
MANOJ SRIVASTAVA	Date

U.S. Patent Appln. No. 14/286,539	Attorney Docket No. AM2-1647US
Filing Date May 23, 2014	Client Docket No. P12807-US
DECLARATION	
As a below named inventor, I hereby declare that:	
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igspace United States application number <u>14/286,5</u>	39_filed on <u>May 23, 2014</u> ; or
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I hereby acknowledge that any willful false statement n	nade in this declaration is punishable under 18
USC 1001 by fine or imprisonment of not more than five (5) years, or both.	
	. , .
Tyson Christopher Transmann	March 16, 2017
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TYSON CHRISTOPHER TRAUTMANN	Date

U.S. Patent Appln. No. <u>14/286,539</u>	Attorney Docket No. AM2-1647US
Filing Date <u>May 23, 2014</u>	Client Docket No. <u>P12807-US</u>
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United States application number 1	14/286,539_filed on <u>May 23, 2014</u> ; or
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I believe that I am the original inventor or an or application.	riginal joint inventor of a claimed Invention in the
	of the above-identified application, and acknowledge the Office all information known to me to be material to the
I hereby acknowledge that any willful false state	ement 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: PRAVEEN KAMBAM SUGAVANAM	WITNESSED BY:
-Caren 1cm	
Inventor Signature	Witness Signature
02 26 2015	FACI DUMB
Date	Witness (Printed Name)
	Date (

## AMAZON.COM, INC.

# CONFIDENTIALITY, NONCOMPETITION AND INVENTION ASSIGNMENT AGREEMENT

W
AGREEMENT dated as of Pecember 5 <sup>rd</sup> , 20 69 by and between Amazon.com, Inc., a
Delaware corporation, and MANOT SRWASTAVA (the "Employee"). As used herein, the
"Company" shall mean Amazon.com, Inc. and any affiliate of Amazon.com, Inc., meaning any entity that
controls, is controlled by, or under common control with, Amazon.com, Inc.

#### RECITALS

Employee is entering into this Agreement in connection with his or her acceptance of employment with the Company and as a condition of such employment.

#### **AGREEMENTS**

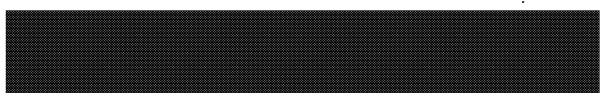
NOW, THEREFORE, in consideration of the foregoing and in consideration of their mutual promises and agreements contained herein, the parties hereto agree as follows:

## 1. Disclosure and Delivery to the Company

(a)	Disclosure of Information to the Company. During the course of employment and at the
termination there	of, the Employee shall promptly disclose and deliver over to the Company, without additional
compensation, to	the extent that such disclosure could reasonably be expected to be of interest to the Company,
in writing, or in such form and manner as the Company may reasonably require, the following ("Disclosure	
Information"):	



- (ii) any and all pricing or marketing strategies, the essential ideas and principles on which such strategies are based, and any information that might reasonably be expected to lead to the development of such strategies, conceived, originated, adapted, discovered, developed, acquired, evaluated, tested, or applied by the Employee while employed by the Company;
- (iii) any and all products and services, and the essential ideas and principles underlying such products and services, conceived, originated, adapted, discovered, developed, acquired, evaluated, tested, or applied by the Employee while employed by the Company, whether or not such products or services are marketed, sold, or provided by the Company; and
- (iv) any other ideas or information conceived, originated, adapted, discovered, developed, acquired, evaluated, tested, or applied by the Employee while employed by the Company if the idea or information could reasonably be expected to prove useful or valuable to the Company.



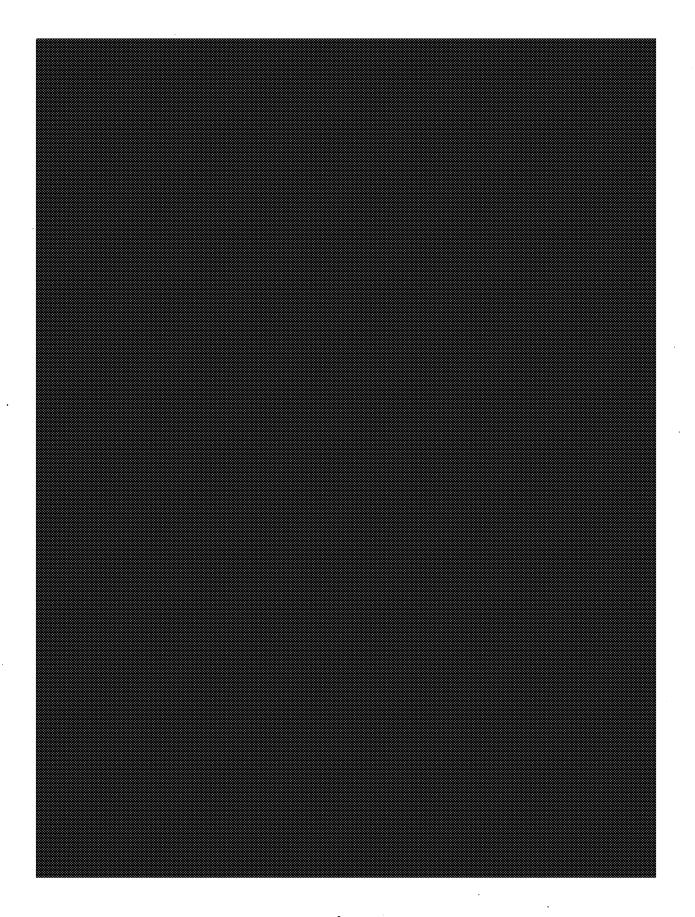
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2. Confidential Information

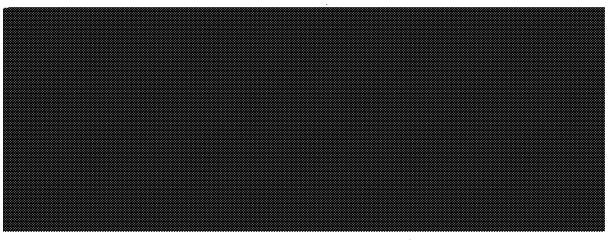
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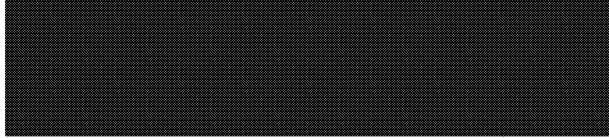


## (d) Patents.

- (i) All patents, copyrights, trade secrets and other proprietary rights relating to the Confidential Information or to the Disclosure Information as defined in Section 1 shall be owned by the Company, including but not limited to any and/or all of the Confidential Information and/or Disclosure Information that does not qualify as "Works-Made-For-Hire," if any. The Employee hereby irrevocably sells, assigns, transfers and conveys to the Company and its successors the Employee's entire right, title and interest in the Confidential Information and/or Disclosure Information and any improvements throughout the world, including, without limitation:
- (A) all patents, copyrights, trade secrets and other proprietary rights in the Confidential Information and/or the Disclosure Information and all rights to secure registrations, renewals and extensions of the same;



- (C) all rights to file and prosecute applications for patent protection covering the Confidential Information and/or the Disclosure information and improvements thereon, and the processes and designs embodied therein, in the United States and in every other country throughout the world;
- (D) all rights under any patent which may be issued on the Confidential Information and/or the Disclosure Information or the improvements thereon, and any processes and designs therein, and all rights to enjoy the same; and

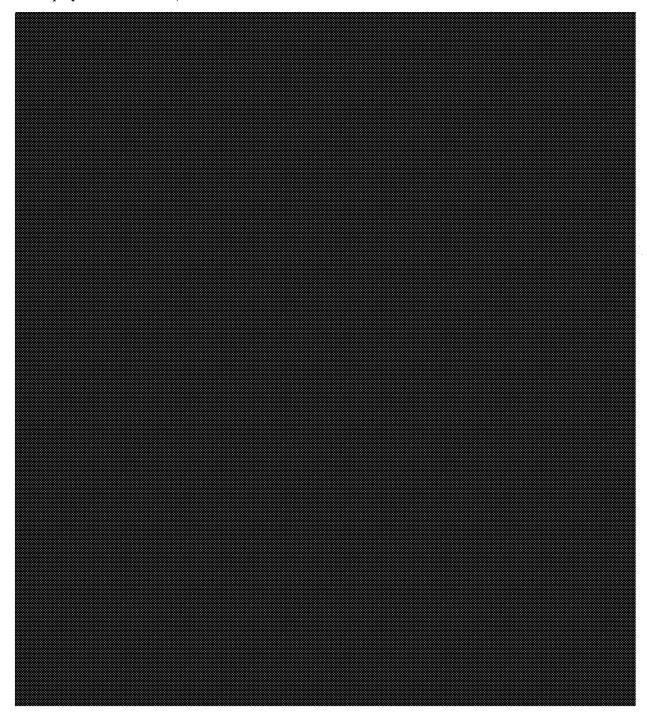


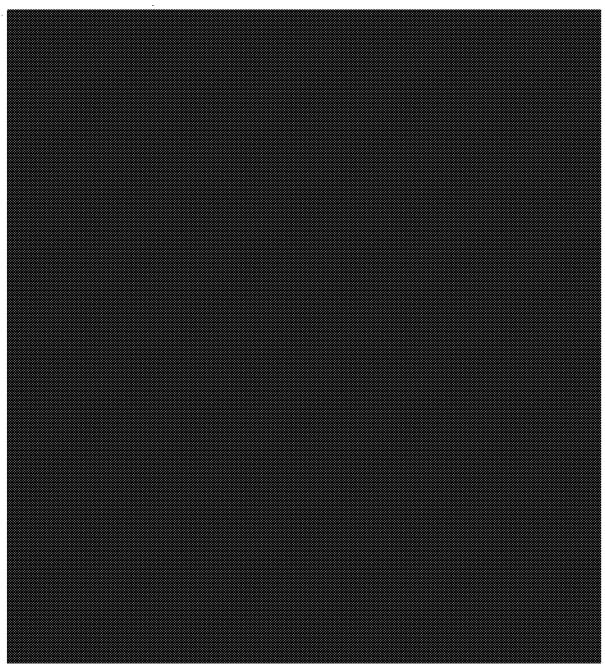
(iii) During the period of his or her employment with the Company and as may be reasonably necessary subsequent to the Employee's employment, the Employee agrees to cooperate with the Company as may be necessary to obtain patent protection for the Confidential Information and the Disclosure Information and improvements and agrees to do such further acts and execute and deliver to Company such

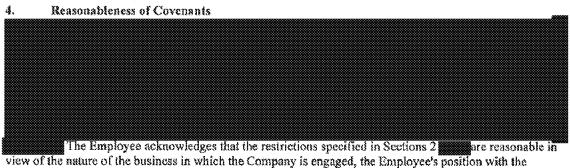
<u>.4.</u> .

instruments as may be required to perfect, register or enforce the Company's ownership of the rights conveyed under this Agreement. If the Employee fails or refuses to execute any such instruments (without regard to whether or not the Employee is at that time employed by the Company), the Employee hereby appoints the Company as the Employee's attorney-in-fact to act on the Employee's behalf and to execute such instruments. This appointment shall be irrevocable and deemed to be a power coupled with an interest.

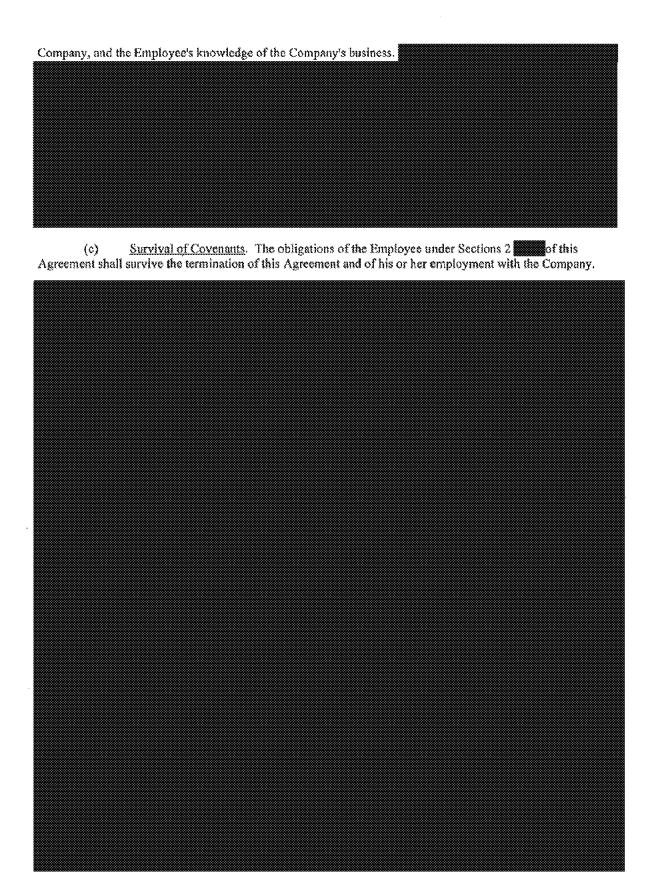
(e) For purposes of this Section 2, the term Company shall be deemed to include the Company as well as any subsidiaries or affiliates of the Company that may, from time to time, become associated with the Company.

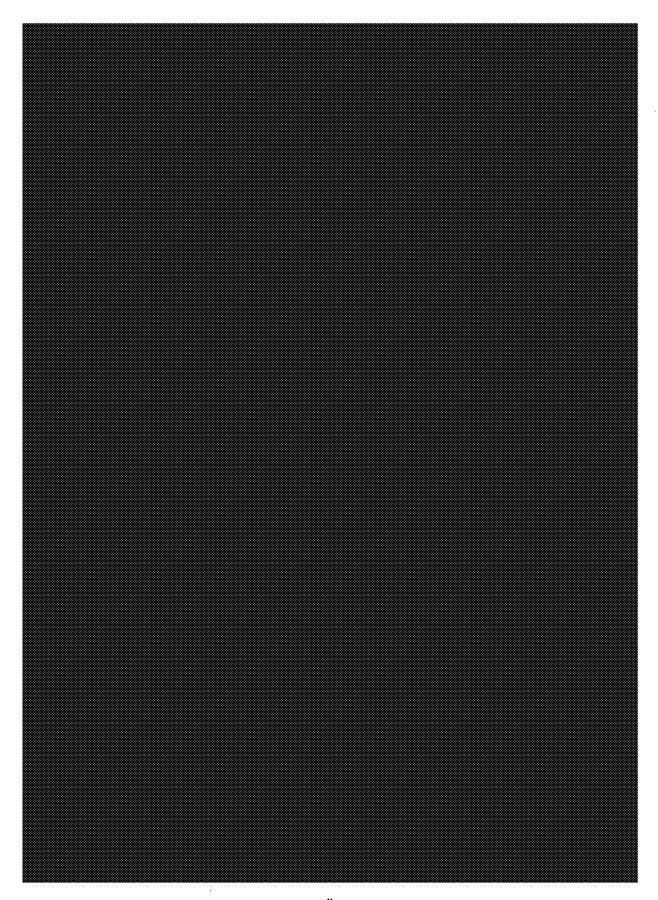






-6- 3/2/04





-8-

3/2/04

IN WITNESS, WHEREOF, the parties have executed this Agreement on the date first written above.

AMAZON.COM, INC.

Signature:

Name:

Anthony J. Galbato

Title:

VP, Human Resources

**EMPLOYEE** 

Signature:

Name:

Title:

J SRIVASTAVA

ems Engineer

-9-