

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4183592

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRIAN C. BECKMAN	09/08/2014
BRANDON WILLIAM PORTER	09/11/2014
GUR KIMCHI	09/10/2014
DANIEL BUCHMUELLER	09/17/2014
JEFFREY P. BEZOS	08/29/2014
FREDERIK SCHAFFALITZKY	09/17/2014
AMIR NAVOT	09/08/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AMAZON TECHNOLOGIES, INC.
<b>Street Address:</b>	PO BOX 81226
<b>City:</b>	SEATTLE
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98108-1226
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15377639
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(360)386-1565
<i>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.</i>	
<b>Phone:</b>	2064305110
<b>Email:</b>	tracy@athorus.com
<b>Correspondent Name:</b>	ATHORUS, PLLC
<b>Address Line 1:</b>	PO BOX 579
<b>Address Line 4:</b>	MOUNT VERNON, WASHINGTON 98273
<b>ATTORNEY DOCKET NUMBER:</b>	110.0222-US-CON1
<b>NAME OF SUBMITTER:</b>	LARRY HARRIS
<b>SIGNATURE:</b>	/Larry Harris/
<b>DATE SIGNED:</b>	12/13/2016

**Total Attachments: 12**

source=1100222CON1\_Fully Executed Assignment Declaration (from parent)#page1.tif  
source=1100222CON1\_Fully Executed Assignment Declaration (from parent)#page2.tif  
source=1100222CON1\_Fully Executed Assignment Declaration (from parent)#page3.tif  
source=1100222CON1\_Fully Executed Assignment Declaration (from parent)#page4.tif  
source=1100222CON1\_Fully Executed Assignment Declaration (from parent)#page5.tif  
source=1100222CON1\_Fully Executed Assignment Declaration (from parent)#page6.tif  
source=1100222CON1\_Fully Executed Assignment Declaration (from parent)#page7.tif  
source=1100222CON1\_Fully Executed Assignment Declaration (from parent)#page8.tif  
source=1100222CON1\_Fully Executed Assignment Declaration (from parent)#page9.tif  
source=1100222CON1\_Fully Executed Assignment Declaration (from parent)#page10.tif  
source=1100222CON1\_Fully Executed Assignment Declaration (from parent)#page11.tif  
source=1100222CON1\_Fully Executed Assignment Declaration (from parent)#page12.tif

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

U.S. Patent Appln. No. 14/491,201  
Filing Date September 19, 2014

Attorney Docket No. 110,0222  
Client Docket No. PM8427-US-ORG1

**PARTIES TO THE ASSIGNMENT**

Assignor(s):

**BRIAN C. BECKMAN**  
410 Terry Avenue North  
Seattle, WA 98109-5210

**BRANDON WILLIAM PORTER**  
410 Terry Avenue North  
Seattle, WA 98109-5210

**GUR KIMCHI**  
410 Terry Avenue North  
Seattle, WA 98109-5210

**DANIEL BUCHMUELLER**  
410 Terry Avenue North  
Seattle, WA 98109-5210

**JEFFREY P. BEZOS**  
410 Terry Avenue North  
Seattle, WA 98109-5210

**FREDERIK SCHAFFALITZKY**  
410 Terry Avenue North  
Seattle, WA 98109-5210

**AMIR NAVOT**  
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

"DETERMINING CENTER OF GRAVITY OF AN AUTOMATED AERIAL VEHICLE AND A

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

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 14/491,201  
Filing Date September 19, 2014

Attorney Docket No. 110,0222  
Client Docket No. PM8427-LIS-ORGI

was filed on \_\_\_\_\_ and accorded U.S. application no. \_\_\_\_\_; 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 Athorus, PLLC, associated with Customer No. 103182, 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.

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

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent App'n. No. 14/491,201  
Filing Date September 19, 2014

Attorney Docket No. 110,0222  
Client Docket No. PM8427-US-ORGI

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 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.

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 14/491,201  
Filing Date September 19, 2014

Attorney Docket No. 110.0222  
Client Docket No. PM8427-ITS.ORG1

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:

<p>Customer No. 103182</p>
--------------------------------

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Apph. No. 14/491,201  
Filing Date September 19, 2014

Attorney Docket No. 110,0222  
Client Docket No. PM8427-US-ORGI

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

- the attached application; or  
 United States application number \_\_\_\_\_ filed on \_\_\_\_\_; 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.

Legal name of inventor: BRIAN C. BECKMAN

B SEP 2014  
Date

  
Inventor Signature

WITNESSED BY:

9/8/2014  
Date

Steven Dana  
Witness (Signature)

Steven Dana  
Witness (Printed Name)

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appl. No. 14/491,201  
Filing Date September 19, 2013

Attorney Docket No. 110,0222  
Client Docket No. PM48427-US-ORGI

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

- the attached application; or  
 United States application number \_\_\_\_\_ filed on \_\_\_\_\_; 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.

Legal name of inventor: BRANDON WILLIAM PORTER

9/14/14  
Date

[Signature]  
Inventor Signature

WITNESSED BY:

9/11/14  
Date

[Signature]  
Witness (Signature)  
Sibeli Buss  
Witness (Printed Name)



PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appl. No. 14/491,201  
Filing Date September 19, 2014

Attorney Docket No. 110.0222  
Client Docket No. PM8427-US-ORG1

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

- the attached application; or
- United States application number \_\_\_\_\_ filed on \_\_\_\_\_; or
- PCT international application number \_\_\_\_\_ filed on \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

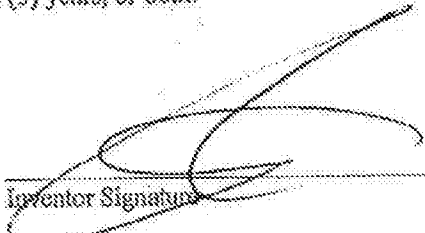
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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.

Legal name of inventor: GUR KIMCHI

9/10/14  
Date

  
Inventor Signature

WITNESSED BY:

9/10/14  
Date

  
Witness (Signature)  
Sibeli Buss  
Witness (Printed Name)

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

U.S. Patent Appln. No. 14/491,201  
Filing Date September 19, 2014

Attorney Docket No. 110,0222  
Client Docket No. PM8427-Us-ORG1

**DECLARATION**

As a below named inventor, I hereby declare that:

This declaration is directed to:

- the attached application; or  
 United States application number \_\_\_\_\_ filed on \_\_\_\_\_; or  
 PCT international application number \_\_\_\_\_ filed on \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

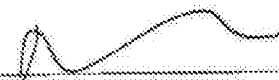
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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.


Legal name of inventor: **DANIEL BUCHMUELLER**

9/17/14  
Date

  
Inventor Signature

**WITNESSED BY:**

9-17-2014  
Date

  
Witness (Signature)

Sheree Anderson  
Witness (Printed Name)

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 14/491,201  
Filing Date September 19, 2014

Attorney Docket No. 110,0222  
Client Docket No. PM8427-US-ORGI

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

- the attached application; or  
 United States application number \_\_\_\_\_ filed on \_\_\_\_\_; or  
 PCT international application number \_\_\_\_\_ filed on \_\_\_\_\_

The above-identified application was made or authorized to be made by me.

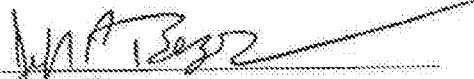
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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.

Legal name of inventor: JEFFREY P. BEZOS

August 29, 2014  
Date

  
Inventor Signature

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 14/491,201  
Filing Date September 19, 2014

Attorney Docket No. 110,0222  
Client Docket No. PM8427-US-ORG1

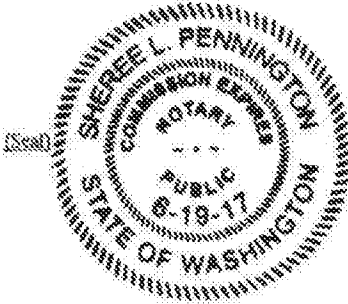
WITNESSED BY:

State of Washington )

) ss:

County of King )

I certify that I know or have satisfactory evidence that JEFFREY P. BEZOS is the person who personally appeared before me and acknowledged that he/she signed the foregoing Patent Assignment and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.



Dated 8-19-2014

Signature of Notary Public Sherree L. Pennington

Printed Name Sherree L. Pennington

My commission expires 6-19-2017

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

U.S. Patent Appln. No. 14/491,201  
Filing Date September 19, 2014

Attorney Docket No. 110.0222  
Client Docket No. PM8427-US-ORGI

**DECLARATION**

As a below named inventor, I hereby declare that:

This declaration is directed to:

- the attached application; or  
 United States application number \_\_\_\_\_ filed on \_\_\_\_\_; 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.

Legal name of inventor: **FREDERIK SCHAFFALITZKY**

17 SEP 2014  
Date

F. Schaffalitzky  
Inventor Signature

**WITNESSED BY:**

9-17-2014  
Date

Sharon Pennington  
Witness (Signature)

Sharon Pennington  
Witness (Printed Name)

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appl. No. 14/491,201  
Filing Date September 19, 2014

Attorney Docket No. 110-0222  
Client Docket No. PM8427-US-ORGI

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

- the attached application; or  
 United States application number \_\_\_\_\_ filed on \_\_\_\_\_; or  
 PCT international application number \_\_\_\_\_ filed on \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

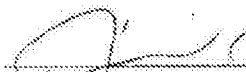
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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.

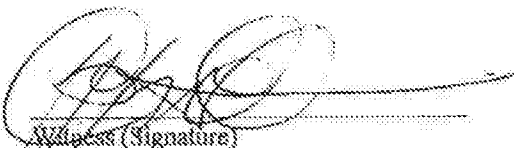
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal name of inventor: AMIR NAVOT

9-8-14  
Date

  
Inventor Signature

WITNESSED BY:  
8 SEP 14  
Date

  
Witness (Signature)  
BRIAN BECKMAN  
Witness (Printed Name)