504611558 10/25/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

onic Version v1.1 EPAS ID: PAT4658271

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAAR GROSS	09/26/2017
SAID BSHARA	09/28/2017
ADI HABUSHA	09/27/2017
NAFEA BSHARA	09/26/2017
RONEN SHITRIT	09/27/2017

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	Number
Application Number:	15251877

CORRESPONDENCE DATA

Fax Number:

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.

Email: sathompson@kilpatricktownsend.com

Correspondent Name: KILPATRICK TOWNSEND & STOCKTON LLP

Address Line 1: 1420 FIFTH AVENUE

Address Line 2: SUITE 3700

Address Line 4: SEATTLE, WASHINGTON 98101

ATTORNEY DOCKET NUMBER:	097307-1010660 (094800US)	
NAME OF SUBMITTER:	SARAH THOMPSON	
SIGNATURE:	/Sarah Thompson/	
DATE SIGNED: 10/25/2017		
	This document serves as an Oath/Declaration (37 CFR 1.63).	
	·	

Total Attachments: 8

PATENT REEL: 043950 FRAME: 0497

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PATENT REEL: 043950 FRAME: 0498

U.S. Patent Appln. No. 15/251,877 Attorney Docket No. 097307-1010660 (094800US)

Filing Date August 30, 2016 Client Docket No. P31428-US

PARTIES TO THE ASSIGNMENT

Assignor(s):

Saar Gross

410 Terry Avenue North Seattle, WA 98109-5210

Said Bshara

410 Terry Avenue North Seattle, WA 98109-5210

Adi Habusha

410 Terry Avenue North Seattle, WA 98109-5210

Assignee:

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

AGREEMENT

Nafea Bshara

410 Terry Avenue North Seattle, WA 98109-5210

Ronen Shitrit

410 Terry Avenue North Seattle, WA 98109-5210

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "LOW-LATENCY WAKE-UP IN A PERIPHERAL DEVICE" (Invention) for which a non-provisional application for United States Letters Patent (Application):

was filed on August 30, 2016 and accorded U.S. Application No. 15/251,877; 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 Kilpatrick Townsend & Stockton LLP, associated with Customer No. 107508, to insert in the header above and here in parentheses (U.S. Patent Application No. 15/251,877, filed August 30, 2016) this application's U.S. application number and filing date, when known.

> Page 1 of 8 PATENT **REEL: 043950 FRAME: 0499**

U.S. Patent Appln. No. 15/251,877

Attorney Docket No. 097307-1010660 (094800US)

Filing Date August 30, 2016

Client Docket No. P31428-US

Title of Invention: LOW-LATENCY WAKE-UP IN A PERIPHERAL DEVICE

be granted therefor in the United States and in any and all foreign countries.

Inventors: Saar Gross, Said Bshara, Adi Habusha, Nafea Bshara, Ronen Shitrit

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

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

throughout the world, 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

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, as well as all other applicable patent offices

applications for United States and foreign letters patent on said Invention, for litigation

Page 2 of 8

PATENT REEL: 043950 FRAME: 0500

U.S. Patent Appln. No. 15/251,877

Attorney Docket No. 097307-1010660 (094800US)

Filing Date August 30, 2016

Client Docket No. P31428-US

Title of Invention: LOW-LATENCY WAKE-UP IN A PERIPHERAL DEVICE

Inventors: Saar Gross, Said Bshara, Adi Habusha, Nafea Bshara, Ronen Shitrit

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 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 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 ASSIGNOR's heirs, legal

representatives, administrators, and assigns.

Page 3 of 8

PATENT REEL: 043950 FRAME: 0501

U.S. Patent Appln. No. <u>15/251,877</u>	Attorney Docket No. <u>097307-1010660 (094800US)</u>
Filing Date <u>August 30, 2016</u>	Client Docket No. <u>P31428-US</u>
Title of Invention: <u>LOW-LATENCY WAKE-UP IN</u>	N A PERIPHERAL DEVICE
Inventors: Saar Gross , Said Bshara, Adi Hab u	usha, Nafea Bshara, Ronen Shitrit
DECLARATION	
As a below named inventor, I hereby declare	that:
This declaration is directed to:	
the attached application; or	
United States Patent Application	number <u>15/251,877</u> filed on <u>August 30, 2016</u> ; or
PCT International Application nu	mber filed on
The above-identified application was made o	or authorized to be made by me.
I believe that I am the original inventor or ar	original joint inventor of a claimed Invention in the
application.	
I have reviewed and understand the content	s of the above-identified application, and
acknowledge the duty to disclose to the US F	Patent & Trademark Office all information known to
me to be material to the patentability as def	ined in 37 CFR 1.56.
I hereby acknowledge that any willful false s	tatement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment	of not more than five (5) years, or both.
DocuSigned by:	
/Saar Gross/	
Saar Gross	
September 26, 2017	
Date	
Date	

U.S. Patent Appln. No. <u>15/251,877</u>	Attorney Docket No. <u>097307-1010660 (094800US</u>
Filing Date <u>August 30, 2016</u>	Client Docket No. <u>P31428-US</u>
Title of Invention: LOW-LATENCY WAKE-UP IN	N A PERIPHERAL DEVICE
Inventors: Saar Gross, Said Bshara, Adi Habu	usha, Nafea Bshara, Ronen Shitrit
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The above-identified application was made o	or authorized to be made by me.
I believe that I am the original inventor or an application.	n original joint inventor of a claimed Invention in the
I have reviewed and understand the content	ts of the above-identified application, and
acknowledge the duty to disclose to the US I	Patent & Trademark Office all information known to
me to be material to the patentability as def	fined in 37 CFR 1.56.
I hereby acknowledge that any willful false s	tatement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment	
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U.S. Patent Appln. No. <u>15/251,877</u> Filing Date <u>August 30, 2016</u> Attorney Docket No. 097307-1010669 (094800US)

Client Docket No. P31428-US

Title of Invention: LOW-LATENCY WAKE-UP IN A PERIPHERAL DEVICE

Inventors: Saar Gross, Said Bshara, Adi Habusha, Nafea Bshara, Ronen Shitrit

DECLARATION

As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
☑ United States Patent Application number 15/251,8	77 filed on <u>August 30, 2016;</u> 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.

Adi Habusha

22/9/2017

Date

U.S. Patent Appln. No. <u>15/251,877</u>	Attorney Docket No. <u>097307-1010660 (094800US)</u>
Filing Date August 30, 2016	Client Docket No. <u>P31428-US</u>
Title of Invention: <u>LOW-LATENCY WAKE-UP IN</u>	I A PERIPHERAL DEVICE
Inventors: Saar Gross, Said Bshara, Adi Habu	ısha, Nafea Bshara, Ronen Shitrit
<u>DECLARATION</u>	
As a below named inventor, I hereby declare	that:
This declaration is directed to:	
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United States Patent Application	number <u>15/251,877</u> filed on <u>August 30, 2016</u> ; or
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The above-identified application was made o	or authorized to be made by me.
I believe that I am the original inventor or an application.	original joint inventor of a claimed Invention in the
I have reviewed and understand the content	s of the above-identified application, and
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me to be material to the patentability as def	ined in 37 CFR 1.56.
I hereby acknowledge that any willful false s	tatement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment	of not more than five (5) years, or both.
Nafea Bshara Nafea Bshara	
September 26, 2017	
Date	

U.S. Patent Appln. No. 15/251,877 Attorney Docket No. 097307-1010660 (094800US) Filing Date August 30, 2016 Client Docket No. P31428-US Title of Invention: LOW-LATENCY WAKE-UP IN A PERIPHERAL DEVICE Inventors: Saar Gross, Said Bshara, Adi Habusha, Nafea Bshara, Ronen Shitrit **DECLARATION** As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or ☑ United States Patent Application number <u>15/251,877</u> filed on <u>August 30, 2016</u>; 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. **Ronen Shitrit** 27/Sep/17 Date

Page 8 of 8

RECORDED: 10/25/2017