PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4608928

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	Corrective Assignment to correct the ASSIGNEE'S ADDRESS previously recorded on Reel 043535 Frame 0280. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
ARCHER WUN	08/16/2017
JAMES WU	08/31/2017
ERNESTO SALAS	08/31/2017

RECEIVING PARTY DATA

Name:	RAKUTEN KOBO, INC.
Street Address:	135 LIBERTY STREET, SUITE 101
City:	TORONTO, ON
State/Country:	CANADA
Postal Code:	M6K 1A7

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15678816

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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: (703) 413-3000

Email: egemechu@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	475282US
NAME OF SUBMITTER:	EMUSHET GEMECHU
SIGNATURE:	/EMUSHET GEMECHU/
DATE SIGNED:	09/25/2017

Total Attachments: 5

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PATENT 504562217 REEL: 043987 FRAME: 0558

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Assignment Page 1 of 2

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARCHER WUN	08/16/2017
JAMES WU	08/31/2017
ERNESTO SALAS	08/31/2017

RECEIVING PARTY DATA

Name:	RAKUTEN KOBO, INC.
Street Address:	135 LIBERTY STREET, SUITE 101
City:	TORONTO
State/Country:	CANADA
Postal Code:	M6K 1A7

PROPERTY NUMBERS Total: 1

Pro	operty Type	Number
{		15678816

CORRESPONDENCE DATA

 Fax Number:
 (703)413-2220

 Phone:
 (703) 413-3000

 Email:
 imarquez@oblon.com

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.

Correspondent Name: OBLON, ET AL.
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	475282US
NAME OF SUBMITTER:	ISABELLE MARQUEZ
Signature:	/Isabelle Marquez/
Date:	09/08/2017

Assignment Page 2 of 2

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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RECEIPT INFORMATION

EPAS ID: PAT4586117 **Receipt Date:** 09/08/2017

Attorney Docket Number: 475282US

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	A DEVICE WITH A PLURALITY OF	F MICRO LASER THROUGH HOLES
As the below name	nd inventor, I hereby declare that:	
This declaration 🗵	The attached application, or	
is directed to:	United States application or PCT internation filed on	
The above-identifie	ed application was made or authorized to be m	nade by me.
I believe that I am t	the original inventor or an original joint invent	tor of a claimed invention in the application.
(hereinafter referred M6K 1A7 Canada	, is desirous of acquiring the entire right, title	ness at: 135 Liberty Street, Suite 101, Toronto, ON, le and interest in and to said invention and in and to tates and its territorial possessions and in any and all
acknowledged, and said ASSIGNEE, the and in all foreign co other relevant Inter- interest in and to a	If for other good and valuable consideration, I the full and exclusive right to the said invention to claim priority the said and all Letters Patent which may be grain any and all foreign countries and in and	DOLLARS (\$5.00), the receipt whereof is hereby I, by these presents do sell, assign and transfer unto on in the United States and its territorial possessions under the terms of the International Convention and a aforesaid application) and the entire right, title and inted therefor in the United States and its territorial I to any and all divisions, reissues, continuations,
any and all foreign assignee of my enti (his) successors and	n countries to issue any and all of said Letter ire right, title and interest in and to the same,	the United States and its territorial possessions and ers Patent, when granted, to said ASSIGNEE as the for the sole use and behoof of said ASSIGNEE, its ich said Letters Patent may be granted, as fully and iment and sale not been made.
Further, I agree respecting said in continuation, substi all of said Letters possible to aid said	that I will communicate to said ASSIGNEE vention, and testify in any legal proceedin itute, renewal and reissue applications, execut Patent to be issued to said ASSIGNEE, ma	E or its (his) representatives any facts known to me ng, sign all lawful papers, execute all divisional, ate all necessary assignment papers to cause any and ake all rightful oaths, and, generally do everything ns, to obtain and enforce proper protection for said
	viedge that any willful false statement made in iment of not more than five (5) years, or both.	1 this declaration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	FINVENTOR	
Inventor: Archer	WUN	Date: <u>AuG -16-2017</u>
Signature:	-od	• •

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

Attorney Docket Number: 475282US

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	A DEVICE WITH A PLURALITY OF MICRO LASER THROUGH HOLES	
	d inventor, I hereby declare that:	
This declaration \(\sum_{\text{\colored}}	The attached application, or	
is directed to:	United States application or PCT international application number filed on	
The above-identifie	ed application was made or authorized to be made by me.	
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.	
(hereinafter referred M6K 1A7 Canada	KUTEN KOBO, INC. d to as "ASSIGNEE") having places of business at: 135 Liberty Street, Suite 101, Toronto, ON, is desirous of acquiring the entire right, title and interest in and to said invention and in and to that may be granted therefore in the United States and its territorial possessions and in any and all	
acknowledged, and said ASSIGNEE, the and in all foreign cother relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto be full and exclusive right to the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and mational Treaties and Arrangements from the aforesaid application) and the entire right, title and my and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, newals thereof.	
any and all foreign assignee of my ent (his) successors an	ze and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a would have been held by me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
	rledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.	
LEGAL NAME OF	FINVENTOR	
Inventor: James V	WU Date: August 31, 2017	
Signature:	Ja-6	
	OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.	

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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Attorney Docket Number: 475282US

RECORDED: 09/25/2017

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention A DEVICE WITH A PLURALITY OF MICRO LASER THROUGH HOLES
As the below named inventor, I hereby declare that:
This declaration The attached application, or
is directed to: United States application or PCT international application number
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.
WHEREAS, RAKUTEN KOBO, INC. (hereinafter referred to as "ASSIGNEE") having places of business at: 135 Liberty Street, Suite 101, Toronto, ON, M6K 1A7 Canada, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
LEGAL NAME OF INVENTOR
Inventor: Ernesto SALAS Date: August 31st, 2017
Signature:

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314