503875272 06/16/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3921921 Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TORU SAKAI	05/23/2016
GOR MANUKYAN	05/23/2016
JOZEF ELISABETH AUBERT	05/23/2016
ABHISHEK KUMAR	05/23/2016

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:	15087474

CORRESPONDENCE DATA

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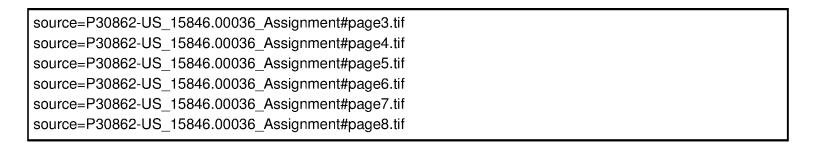
Address Line 4: CHICAGO, ILLINOIS 60610

ATTORNEY DOCKET NUMBER:	P30862-US (15846.00036)
NAME OF SUBMITTER:	ERIC T. KRISCHKE
SIGNATURE:	/Eric T. Krischke/
DATE SIGNED:	06/16/2016

Total Attachments: 8

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PATENT 503875272 REEL: 038933 FRAME: 0641



PATENT REEL: 038933 FRAME: 0642

U.S. Patent Appln. No. 15/087,474

Attorney Docket No. <u>15846.00036</u>

Filing Date March 31, 2016

Client Docket No. <u>P30862-US</u>

PARTIES TO THE ASSIGNMENT

Assignor(s):

Toru Sakai

410 Terry Avenue North Seattle, WA 98109-5210

Gor Manukyan

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Jozef Elisabeth Aubert

410 Terry Avenue North Seattle, WA 98109-5210

Abhishek Kumar

410 Terry Avenue North Seattle, WA 98109-5210

Assignee:

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

AGREEMENT

WHEREAS, ASSIGNOR(5) (listed above) are inventor(s) of an invention entitled "VIA UNDER INSULATED NOTCH OF ELECTROWETTING DISPLAY DEVICE" (Invention) for which a non-provisional application for United States Letters Patent (Application):

\boxtimes	was filed on March 31, 2016 and accorded U.S. Application No. 15/087,474; or	
	will be filed concurrently with the submission of this executed PATENT ASSIGNMEN	17
	for recordation.	

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of

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U.S. Patent Appln. No. 15/087,474

Attorney Docket No. <u>15846.00036</u>

Filing Date March 31, 2016

Client Docket No. P30862-US

Title of Invention: VIA UNDER INSULATED NOTCH OF ELECTROWETTING DISPLAY DEVICE

Inventor(s): Toru Sakai, Gor Manukyan, Jozef Elisabeth Aubert, and Abhishek Kumar

Brinks Gilson & Lione, associated with Customer No. 139403, to insert in the header above and

here in parentheses (U.S. Patent Application No. 15/087,474, filed March 31, 2016) 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 Trademarks, as well as all other applicable patent offices throughout the world, to

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REEL: 038933 FRAME: 0644

U.S. Patent Appln. No. 15/087,474

Attorney Docket No. 15846.00036

Filing Date March 31, 2016

Client Docket No. P30862-US

Title of Invention: VIA UNDER INSULATED NOTCH OF ELECTROWETTING DISPLAY DEVICE

Inventor(s): Toru Sakai, Gor Manukyan, Jozef Elisabeth Aubert, and Abhishek Kumar

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 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

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REEL: 038933 FRAME: 0645

U.S. Patent Appln. No. 15/087,474

Attorney Docket No. <u>15846.00036</u>

Filing Date March 31, 2016

Client Docket No. P30862-US

Title of Invention: VIA UNDER INSULATED NOTCH OF ELECTROWETTING DISPLAY DEVICE

Inventor(s): Toru Sakai, Gor Manukyan, Jozef Elisabeth Aubert, and Abhishek Kumar

and enforce proper patent protection for the Invention in all countries. These provisions are

binding upon ASSIGNOR's heirs, legal representatives, administrators, and assigns.

U.S. Patent Appln. No. 15/087,474	Attorney Docket No. <u>15846.00036</u>	
Filing Date March 31, 2016	Client Docket No. <u>P30862-US</u>	
Title of Invention: VIA UNDER INSULATED NOTCH OF ELECTR	OWETTING DISPLAY DEVICE	
Inventor(s): Toru Sakai, Gor Manukyan, Jozef Elisabeth Aubert, and Abhishek Kumar		
DECLARATION		
As a below named inventor, I hereby declare that:		
This declaration is directed to:		
the attached application; or		
United States Patent Application number 15/087.	<u>474</u> filed on <u>March 31, 2016</u> ; or	
PCT International Application number	filed on	
The above-identified application was made or authorized to be a likelieve that I am the original inventor or an original joint invapplication.		
I have reviewed and understand the contents of the above-id	entified application, and	
acknowledge the duty to disclose to the US Patent & Tradem	ark 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	n this declaration is punishable	
under 18 USC 1001 by fine or imprisonment of not more than	n five (5) years, or both.	
Toru Sakai		

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Attorney Docket No. 15846.00036 U.S. Patent Appln, No. 15/087,474 Client Docket No. P30862-US Filing Date March 31, 2016 Title of Invention: VIA UNDER INSULATED NOTCH OF ELECTROWETTING DISPLAY DEVICE Inventor(s): Toru Sakai, Gor Manukyan, Jozef Elisabeth Aubert, and Abhishek Kumar DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States Patent Application number 15/087,474 filed on March 31, 2016; 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. 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. Gor Manukyan 23-05.76 Date

Page 5 of 8

U.S. Patent Appln. No. 15/087,474 Attorney Docket No. 15846.00036 Client Docket No. P30862-US Filing Date March 31, 2016 Title of Invention: VIA UNDER INSULATED NOTCH OF ELECTROWETTING DISPLAY DEVICE Inventor(s): Toru Sakai, Gor Manukyan, Jozef Elisabeth Aubert, and Abhishek Kumar **DECLARATION** As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States Patent Application number 15/087,474 filed on March 31, 2016; 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. 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.

Page 7 of 8

Filing Date March 31, 2016 Client Docket No. P30862-US Title of Invention: VIA UNDER INSULATED NOTCH OF ELECTROWETTING DISPLAY DEVICE Inventor(s): Toru Sakai, Gor Manukyan, Jozef Elisabeth Aubert, and Abhishek Kumar DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States Patent Application number 15/087,474 filed on March 31, 2016; 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.	U.S. Patent Appln. No. 15/087,474	Attorney Docket No. <u>15846.00036</u>
DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to:	Filing Date March 31, 2016	Client Docket No. <u>P30862-US</u>
DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to:	Title of Invention: VIA UNDER INSULATED NOTCH OF ELI	ECTROWETTING DISPLAY DEVICE
As a below named inventor, I hereby declare that: This declaration is directed to:	Inventor(s): Toru Sakai, Gor Manukyan, Jozef Elisabeth	Aubert, and Abhishek Kumar
This declaration is directed to: the attached application; or United States Patent Application number 15/087.474 filed on March 31, 2016; or PCT International Application number filed on 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	DECLARATION	
☐ the attached application; or ☐ United States Patent Application number 15/087,474 filed on March 31, 2016; 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.	As a below named inventor, I hereby declare that:	
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I hereby acknowledge that any willful false statement made in this declaration is punishable	acknowledge the duty to disclose to the US Patent & Trademark Office all information known to	
A A salus		
Abhishek Kumar	alinhub.	than five (5) years, or soon.
23rd May 2016 Date	23rd May 2016	

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PATENT REEL: 038933 FRAME: 0650

RECORDED: 06/16/2016