505153556 10/23/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5200323

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEES ADDRESS previously recorded on Reel 047123 Frame 0117. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
YUJI SHIMADA	09/28/2018

RECEIVING PARTY DATA

Name:	ROHM CO., LTD.
Street Address:	21, SAIIN MIZOSAKICHO
City:	UKYO-KU, KYOTO
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16156420

CORRESPONDENCE DATA

Fax Number: (860)286-0115

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.

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Correspondent Name: CANTOR COLBURN LLP Address Line 1: 20 CHURCH STREET

Address Line 2: 22ND FLOOR

Address Line 4: HARTFORD, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER:	RO00137US	
NAME OF SUBMITTER:	DANIEL P. LENT	
SIGNATURE:	/Daniel P. Lent/	
DATE SIGNED:	10/23/2018	

Total Attachments: 4

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PATENT REEL: 047288 FRAME: 0084

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505134949 10/10/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

MARKED UP VERSION

EPAS ID: PAT5181712

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUJI SHIMADA	09/28/2018

RECEIVING PARTY DATA

Name:	ROHM CO., LTD.
Street Address:	21, SAIIN-MIZOSAKI-CHO MIZOSAKICHO
City:	UKYO-KU_KYOTO
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16156420

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NAME OF SUBMITTER:	DANIEL P. LENT	
SIGNATURE:	/Daniel P. Lent/	
DATE SIGNED:	ተፁ/ተፁ/20ተ8·· 10/23/2018	

Total Attachments: 2

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PATENT REEL: 047288 FRAME: 0085



MARKED UP VERSION

United States Patent And Trademark Office

Under Secretary of Commerce for Intellectual Property and DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 11, 2018

PTAS

CANTOR COLBURN LLP 20 CHURCH STREET 22ND FLOOR HARTFORD, CT 06103

505134949

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RECORDATION DATE: 10/10/2018 REEL/FRAME: 047123/0117

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: ROO0137US

ASSIGNOR:

SHIMADA, YUJI DOC DATE: 09/28/2018

ASSIGNEE:

ROHM CO., LTD.

21, SAIIN MIZOSAKI-CHO MIZOSAKICHO UKYO-KU KYOTO, JAPAN

APPLICATION NUMBER: 16156420 FILING DATE: PATENT NUMBER: ISSUE DATE:

TITLE: CONTROL CIRCUIT AND CONTROL METHOD FOR TOUCH PANEL, AND

TOUCH-TYPE INPUT DEVICE AND ELECTRONIC DEVICE USING THE SAME

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

> P.O. Box 1450, Alexandria, Virginia 22313-1450 - WWW.USPTO.GOV REEL: 047288 FRAME: 0086

ASSIGNMENT

WHEREAS I, Yuji SHIMADA, of c/o ROHM CO., LTD., 21, Saiin Mizosakicho, Ukyo-ku, Kyoto, Japan (hereinafter referred to as "ASSIGNOR"); have invented certain new and useful improvements in:

CONTROL CIRCUIT AND CONTROL METHOD FOR TOUCH PANEL, AND TOUCH-TYPE INPUT DEVICE AND ELECTRONIC DEVICE USING THE SAME

which claims priority to **Japanese** Application No. **2017-197785**, filed **October 11, 2017**; and for which I, said ASSIGNOR, am about to file or have filed an application for Letters Patent of the United States;

AND WHEREAS, ROHM CO., LTD. (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of Japan, having a place of business at 21, Saiin Mizosakicho, Ukyo-ku, Kyoto, Japan, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention, the applications, and any and all patents that may be issued therefrom, in the United States and in all foreign countries, including any and all revivals, refilings, continuations, continuations-in part, divisions, and reissues thereof, to the said ASSIGNEE; and I, the ASSIGNOR, do hereby agree that I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that I will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

Page 1 of 2

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Sep. 28.2018
Yuji Shimada
L.S.
Yuji SHIMADA