503851317 06/01/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES PATRICK HENDERSON	05/26/2016
MATTHEW THOMAS ROBERT BAILEY	05/26/2016
KEVIN JOHN BAILEY	05/26/2016
PATRICK DOUGLAS HENRY WILLIAMS	05/26/2016

RECEIVING PARTY DATA

Name:	QUIRKLOGIC, INC.	
Street Address:	3600 4TH STREET SE	
City:	CALGARY	
State/Country:	CANADA	
Postal Code:	T2G 2W3	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29566515

CORRESPONDENCE DATA

Fax Number: (713)228-8778

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: kingery@oshaliang.com

Correspondent Name: ALY Z. DOSSA
Address Line 1: 909 FANNIN ST.
Address Line 2: SUITE 3500

Address Line 4: HOUSTON, TEXAS 77010

ATTORNEY DOCKET NUMBER:	18365/030001
NAME OF SUBMITTER:	ALAN KINGERY
SIGNATURE:	/Aly Z. Dossa/
DATE SIGNED:	05/31/2016

Total Attachments: 2

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PATENT 503851317 REEL: 038764 FRAME: 0971

Attorney Docket No.: 18365/030001; P166

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

QuirkLogic, Inc.

having the following address:

3600 4th Street SE Calgary, Alberta T2G 2W3 CANADA

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

ELECTRONIC DEVICE

for which the INVENTOR(S) or COMPANY has/have made an application for patent in the United States of America, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

- To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
- To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
- To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA LIANG LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.



PATENT REEL: 038764 FRAME: 0972

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature: 1st Inventor Signature: James Patrick Henderson Print or Type Name: 2nd Inventor Signature: Matthew Thomas Robert Bailey Print or Type Name: 3rd Inventor Signature: Kevin John Bailey Print or Type Name: 4th Inventor Signature: Patrick Douglas Henry Williams Print or Type Name: ___ State of _____ County of _____ NOTARY PUBLIC Before me personally appeared: James Patrick Henderson Matthew Thomas Robert Bailey 2nd Inventor Patrick Douglas Henry Williams Kevin John Bailey 3th byvernor 200 Pinesidos 8th Inventor each of whom acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute this Assignment. Dated: Notary Public My commission expires: WITNESSES Signature of Witness: Date Print or Type Name: Signature of Witness: Date Print or Type Name:

> When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

U.S. Application Serial No.: 29/566, 515

Filing Date: May 31, 2016

RECORDED: 06/01/2016

PATENT REEL: 038764 FRAME: 0973