

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT6418504

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNOR: REALD SPARK, LLC previously recorded on Reel 054434 Frame 0936. Assignor(s) hereby confirms the ASSIGNOR: MICHAEL G ROBINSON ASSIGNOR: ROBERT A RAMSEY ASSIGNOR: GRAHAM J WOODGATE ASSIGNOR: JONATHAN HARROLD.

**CONVEYING PARTY DATA**

Name	Execution Date
MICHAEL G ROBINSON	01/31/2019
ROBERT A RAMSEY	01/31/2019
GRAHAM J WOODGATE	09/18/2018
JONATHAN HARROLD	09/17/2018

**RECEIVING PARTY DATA**

<b>Name:</b>	REALD SPARK, LLC
<b>Street Address:</b>	9777 WILSHIRE BLVD.
<b>Internal Address:</b>	SUITE 400
<b>City:</b>	BEVERLY HILLS
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	90212

**PROPERTY NUMBERS Total: 2**

Property Type	Number
Application Number:	17064237
Application Number:	17064405

**CORRESPONDENCE DATA**

**Fax Number:** (303)448-9573  
*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:** 3035006151  
**Email:** patpros@reald.com  
**Correspondent Name:** STEFAN T. BUMP  
**Address Line 1:** 5700 FLATIRON PARKWAY  
**Address Line 4:** BOULDER, COLORADO 80301

<b>ATTORNEY DOCKET NUMBER:</b>	412601FT, 412701FT
<b>NAME OF SUBMITTER:</b>	STEFAN T. BUMP
<b>SIGNATURE:</b>	/Stefan T. Bump/

<b>DATE SIGNED:</b>	11/24/2020
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**Total Attachments: 8**

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<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
REALD SPARK, LLC	01/31/2019
ROBERT A RAMSEY	01/31/2019
GRAHAM J WOODGATE	09/18/2018
JONATHAN HARROLD	09/17/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	REALD SPARK, LLC
<b>Street Address:</b>	9777 WILSHIRE BLVD.
<b>Internal Address:</b>	SUITE 400
<b>City:</b>	BEVERLY HILLS
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	90212
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17064237
<b>Application Number:</b>	17064405
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(303)448-9573
<b>Phone:</b>	3035006151
<b>Email:</b>	patpros@reald.com
<i>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.</i>	
<b>Correspondent Name:</b>	STEFAN T. BUMP
<b>Address Line 1:</b>	5700 FLATIRON PARKWAY
<b>Address Line 4:</b>	BOULDER, COLORADO 80301
<b>ATTORNEY DOCKET NUMBER:</b>	412601FT, 412701FT
<b>NAME OF SUBMITTER:</b>	STEFAN T. BUMP
<b>Signature:</b>	/Stefan T. Bump/

**PATENT**

**REEL: 054514 FRAME: 0952**

<b>Date:</b>	11/20/2020
<b>Total Attachments: 6</b> source=412101_assignment_X#page1.tif source=412101_assignment_X#page2.tif source=412101_assignment_X#page3.tif source=412101_assignment_X#page4.tif source=412101_assignment_X#page5.tif source=412101_assignment_X#page6.tif	
<b>RECEIPT INFORMATION</b>	
<b>EPAS ID:</b>	PAT6413185
<b>Receipt Date:</b>	11/20/2020



representatives.

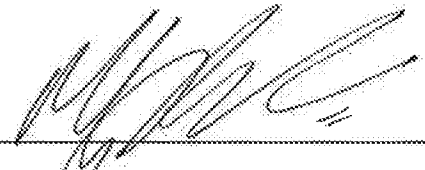
Atty. Docket Number	Application Serial No.	Filing Date	Invention Title	Inventors
412101 412102	16/131,419 PCT/US18/51021	9/14/2018 9/14/2018	Optical stack for switchable directional display	Michael G. Robinson Graham J. Woodgate Robert A. Ramsey Jonathan Harrold

I hereby grant:

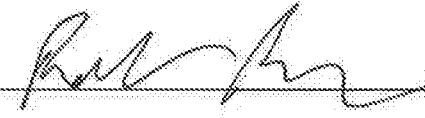
- (1) NEIL G. J. MOTHEW, Registration No. 54,922, PENNY LOWRY, Registration No. 57,186 and all practitioners of the assignee RealD Spark, LLC (Customer Number 145234), 5700 Flatiron Parkway, Boulder, CO 80301,
- (2) CHARLES C. YANG, Registration No. 62,059, and all practitioners with the firm of Ntellect Law, P.C. with an office at 980 9<sup>th</sup> Street, Suite 2380, Sacramento, CA 95814,

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 recordation of this document.

The undersigned further declares that all statements made herein of his/her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these 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 and false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor:  Date: 1/31/19  
Inventor(s) Name: Michael G. Robinson  
Residence (city/state/country): Boulder, CO, US  
Citizenship: US

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Signature of Inventor:  Date: 1-31-19  
Inventor(s) Name: Robert Ramsey  
Residence (city/state/country): Boulder, CO, US  
Citizenship: US

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## ASSIGNMENT

WHEREAS, I, the undersigned inventor of residence as listed, have invented certain new and useful improvements as below entitled, for which an application for United States Letters Patent is made, said applications having been designated as set forth below and filed on or about the date set forth below; and

WHEREAS, **RealD Spark, LLC** (hereinafter referred to as "Assignee"),  
a Delaware limited liability company

with an address of:                   100 N. Crescent Dr., Suite 200  
Beverly Hills  
California 90210, USA

desires to acquire the entire right, title and interest in and to the inventions, and in and to the said application and any Letters Patent(s) that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all my right, title and interest in and to said inventions and in and to said applications and all patents which may be granted therefore, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I authorize and request the Commissioner of Patents and Trademarks to issue all patents for said inventions, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest in and to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

At the request of the Assignee (whether during my employment or after its termination, and in the case that such cooperation is sought after such termination then subject to the Assignee and me first agreeing in writing the reasonable fees and expenses to be paid to me for such cooperation), I shall sign and execute all such documents and do all



such acts as the Assignee may reasonably require:- (a) to apply for and obtain in the name of the Assignee alone (unless the Assignee otherwise directs) patent, registered design or other protection; (b) to resist any objection or opposition to obtaining, and any petitions or applications for revocation of any such patent, registered design or other protection; (c) to bring any proceedings for infringement of any such patent, registered design or other protection; and (d) otherwise give effect to the assignment and waivers contemplated under Section 3 of my employment agreement entitled "Copyright, Inventions and Patents", herein incorporated by reference.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Atty. Docket Number	Application Serial No.	Filing Date	Invention Title	Inventors
412101	16/131,419	9/14/2018	Optical stack for switchable directional display	Michael G. Robinson
412102	PCT/US18/51021	9/14/2018		Graham J. Woodgate Robert Ramsey Jonathan Harrold

I hereby grant:

NEIL G. J. MOTHEW, Registration No. 54,922, PENNY LOWRY, Registration No. 57,186, and all practitioners of the assignee RealD Spark, LLC, 5700 Flatiron Parkway, Boulder, CO 80301, and all practitioners associated with Customer Number 145234 at the United States Patent and Trademark Office, 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 recordation of this document.

The undersigned further declares that all statements made herein of his/her own knowledge are true and that all statements made on information and belief are believed to be true.

Signature of Inventor: G.J. Woodgate

Inventor(s) Name: **Graham J. Woodgate**

Residence (city/state/country): **Henley-on-Thames, Oxfordshire, GB**

Citizenship: **GB**

Date: 19 Sept 2018

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Signature of Inventor: J Harrold (41210X)

Inventor(s) Name: **Jonathan Harrold**

Residence (city/state/country): **Leamington Spa, Warwickshire, GB**

Citizenship: **GB**

Date: 17 SEP 2018

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