

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6747739

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GRAHAM J WOODGATE	05/05/2021
MICHAEL G ROBINSON	05/04/2021
ROBERT A RAMSEY	06/04/2021
<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>	17243940
<b>PCT Number:</b>	US2021029937
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(303)448-9573
<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>Phone:</b>	3035006151
<b>Email:</b>	patpros@reald.com
<b>Correspondent Name:</b>	STEFAN T. BUMP
<b>Address Line 1:</b>	P.O. BOX 21437
<b>Address Line 4:</b>	BOULDER, COLORADO 80301
<b>ATTORNEY DOCKET NUMBER:</b>	454001, 454002
<b>NAME OF SUBMITTER:</b>	STEFAN T. BUMP
<b>SIGNATURE:</b>	/Stefan T. Bump/
<b>DATE SIGNED:</b>	06/07/2021
<b>Total Attachments: 7</b>	
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source=454001\_Assignment\_X#page7.tif

## 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:                      9777 Wilshire Blvd., Suite 400  
Beverly Hills  
California 90212, 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.

<b>Atty. Docket Number</b>	<b>Application Serial No.</b>	<b>Filing Date</b>	<b>Invention Title</b>	<b>Inventors</b>
454001 454002	17/243,940 PCT/US21/29937	4/29/2021 4/29/2021	Directional display apparatus	Graham J. Woodgate Michael G. Robinson Robert A. Ramsey

I hereby grant:

PENNY L. 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.

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Signature of Inventor: G. J. Woodgate

Inventor(s) Name: Graham J. Woodgate

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

Citizenship: GB

Date: 5<sup>th</sup> May 2021

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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 corporation

with an address of:                      9777 Wilshire Blvd., Suite 400  
Beverly Hills  
California 90212

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 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.

I will communicate to Assignee any known facts respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

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

Atty. Docket Number	Application Serial No.	Filing Date	Invention Title	Inventors
454001 454002	17/243,940 PCT/US21/29937	4/29/2021 4/29/2021	Directional display apparatus	Graham J. Woodgate Michael G. Robinson Robert A. Ramsey

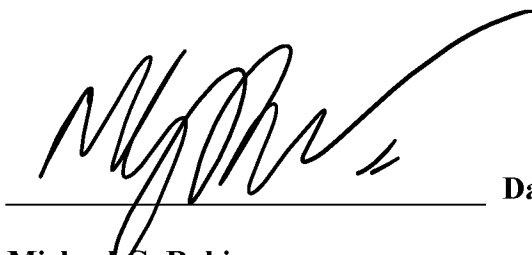
I hereby grant:

PENNY L. 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; 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.

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**Signature of Inventor:**



**Date:**

5/4/21

**Inventor(s) Name:**

Michael G. Robinson

**Residence (city/state/country):**

Boulder, CO, US

**Citizenship:**

US

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**Signature of Inventor:**

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**Date:**

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**Inventor(s) Name:**

Robert A. Ramsey

**Residence (city/state/country):**

Boulder, CO, US

**Citizenship:**

US

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Signature of Inventor: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor(s) Name: Michael G. Robinson

Residence (city/state/country): Boulder, CO, US

Citizenship: US

Signature of Inventor:  Date: 6-4-2021

Inventor(s) Name: Robert A. Ramsey

Residence (city/state/country): Boulder, CO, US

Citizenship: US