506707118 06/09/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GRAHAM J WOODGATE	03/18/2019
JONATHAN HARROLD	03/19/2020
MICHAEL G ROBINSON	07/22/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 2

Property Type	Number	
Application Number:	16407519	
PCT Number:	US2019031526	

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.comCorrespondent Name:STEFAN T. BUMPAddress Line 1:P.O. BOX 21437

Address Line 4: BOULDER, COLORADO 80301

ATTORNEY DOCKET NUMBER:	444001, 444002
NAME OF SUBMITTER:	STEFAN T. BUMP
SIGNATURE:	/Stefan T. Bump/
DATE SIGNED:	06/09/2021

Total Attachments: 7

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44400)

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

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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
444001 444002	16/407,519 PCT/US19/31526	05/09/2019 05/09/2019	Colour micro-LED display apparatus	Graham J. Woodgate Jonathan Harrold
				Michael G. Robinson

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.

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Signature of Inventor:				
Inventor(s) Name:	Graham J. Woodgate			
Residence (city/state/coun	try): Henley-on-Thames, Oxfordshire, GB			
Citizenship:	GB			
Date:				
Signature of Inventor:	-5-HVMV (444)			
Inventor(s) Name:	Jonathan Harrold			
Residence (city/state/cour	etry): Leamington Spa, Warwickshire, GB			
Citizenship:	GB			
Date:	19 WMR 2020			

Signature of Inventor	C. S. New York
Inventores Name:	Graham J. Woodgate
Residence (city/state/count	rs): Henley-on-Thames, Oxfordshire, GB
Citizenships	GB CB
Date	
Signature of Inventor	
Inventores Same:	Jonathan Harrold
Residence (city state country	ry); Leamington Spa, Warwickshire, GB
Citizenship	GH .
Date:	

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.

444001 Assignment

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PATENT

REEL: 056675 FRAME: 0808

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

Atty. Docket Number	Application Serial No.	Filing Date	Invention Title	Inventors
444001 444002	16/407,519 PCT/US19/31526		display apparatus	Graham J. Woodgate Jonathan Harrold Michael G. Robinson

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 9th 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.

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444001 Assignment

Signature of Inventor:	· <u></u>		Date:	7/22/19
Inventor(s) Name:		Michael G. Robinson		
Residence (city/state/country):		Boulder, CO, US		
Citizenship:	US			

444001 Assignment

RECORDED: 06/09/2021

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