

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DELL WOLFENSPARGER	01/09/2020
ANDREW IP	01/09/2020
DHANANJAY LAL	01/09/2020
MATTHEW RINGENBERG	01/09/2020
RECEIVING PARTY DATA	
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City:	ST. LOUIS
State/Country:	MISSOURI
Postal Code:	63131
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17553898
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	JOHN M. JIMERSON
SIGNATURE:	/John M. Jimerson/
DATE SIGNED:	01/28/2022
Total Attachments: 5	
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ASSIGNMENT

This Assignment made by us, **Dell Wolfensparger**, residing at 751 Gleason Lane, City of Langley, State of Washington, **Andrew Ip**, residing at 8067 South Fairfax Court, City of Centennial, State of Colorado, **Dhananjay Lal**, residing at 5959 South Moline Way, City of Englewood, State of Colorado, and **Matthew Ringenberg**, residing at 4380 South Monaco Street, Apt. 5092, City of Denver, State of Colorado, hereinafter referred to as assignors.

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **METHOD AND APPARATUS FOR OVERLAYING THEMED IMAGERY ONTO REAL-WORLD OBJECTS IN A HEAD-MOUNTED DISPLAY DEVICE**, for which we are about to make application for Letters Patent of the United States, and for which we have executed a declaration (hereinafter referred to as "Application"); and

WHEREAS, **Charter Communications Operating, LLC**, a corporation duly organized and existing under the laws of the State of Delaware and having a place of business at 12405 Powerscourt Drive, St. Louis, MO 63131, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in the specification executed herewith, and any and all Letters Patent which shall be granted therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the assignors, have sold, assigned, transferred and set over unto the assignee, its successors and assigns, the entire right, title and interest in and to the above-mentioned Application and invention and in and to any and all Letters Patent of the United States which may hereafter be

granted therefor, and in any and to any and all continuations, continuations-in-part, substitutions, divisions or reissues of said Letters Patent, and provisional patent applications to which the above-mentioned Application claims priority, the same to be held and enjoyed by the assignee, for its interest, and for its own use and behalf, and the use and behalf of its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

And for the consideration aforesaid, we hereby covenant and agree to and with the assignee, its successors and assigns, that at the time of the execution and delivery of these presents we are the joint and lawful owners of the entire right, title and interest in and to the invention, Application and Letters Patent above-mentioned and that the same are unencumbered, and that we have good right and lawful authority to sell and convey the same in the manner herein set forth.

And for the consideration aforesaid, we hereby covenant and agree to and with the assignee, its successors and assigns, that we will, whenever its counsel or the counsel of its successors and assigns, learned in the law, shall advise that an amendment, division, continuation, continuation-in-part, or substitution of, or any other proceeding in connection with said Application, including interference proceedings, is lawful and desirable, sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue of the same without charge to the assignee, its successors or assigns, but at its or their expense.

We hereby request the Commissioner for Patents to issue the Letters Patent in accordance with this instrument.

For the consideration aforesaid, we have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, assigns or nominee, the entire right, title and interest in and to any and all Letters Patent for said invention which may be granted in countries foreign to the United States and in and to any applications for Letters Patent which may be filed for said invention in countries foreign to the United States (including any international patent applications under the Patent Cooperation Treaty) and in and to the invention described in said Application; and we hereby authorize and empower the assignee, its successors, assigns or nominees to apply for Letters Patent or other form of protection on said invention in its own name or in the name of its successor, assignee, or nominee, in any and all countries where it may desire to file such application and where said application may be filed by another than the inventors; and we hereby covenant and agree to sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for procurement of Letters Patent, or other form of protection, for said invention or inventions in countries foreign to the United States, and for further investing or confirming the right and title therein to the assignee, its successors, assignee, or nominee, without charge to the assignee, its successor, assignee or nominee, but at its or their expense.

IN WITNESS WHEREOF, we have hereunto set our hands.

01/09/2020
Date

Dell Wolfensparger
Dell Wolfensparger

Witnesses:

01/09/2020
Date

Megan Wolfensparger
Name: Megan Wolfensparger

Date

Name:

1/09/2020
Date

Andrew Ip
Andrew Ip

Witnesses:

1-109/2020
Date

Leia Honor
Name: Leia Honor

Date

Name:

1/9/2020
Date

Dhananjay Lal
Dhananjay Lal

Witnesses:

1/9/2020
Date

Leia Honor
Name: Leia Honor

Date

Name:

1/9/2020
Date

Matthew Ringenberg
Matthew Ringenberg

Witnesses:

1/9/2020
Date

Leia Honor
Name: Leia Honor

Date

Name: