

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6860669

| | |
|---|------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| CHULWOO OH | 04/16/2020 |
| RAVI KUMAR KOMANDURI | 10/29/2020 |
| ROY MATTHEW PATTERSON | 08/17/2020 |
| CHARLES SCOTT CARDEN | 08/17/2020 |
| MICHAEL NEVIN MILLER | 03/30/2020 |
| VIKRAMJIT SINGH | 04/15/2020 |
| RECEIVING PARTY DATA | |
| Name: | MAGIC LEAP, INC. |
| Street Address: | 7500 W. SUNRISE BLVD. |
| City: | PLANTATION |
| State/Country: | FLORIDA |
| Postal Code: | 33322 |
| PROPERTY NUMBERS Total: 2 | |
| Property Type | Number |
| Application Number: | 16171290 |
| PCT Number: | US2018057604 |
| CORRESPONDENCE DATA | |
| Fax Number: | (949)760-9502 |
| <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> | |
| Phone: | 9497600404 |
| Email: | efiling@knobbe.com |
| Correspondent Name: | KNOBBE, MARTENS, OLSON & BEAR, LLP |
| Address Line 1: | 2040 MAIN STREET |
| Address Line 2: | 14TH FLOOR |
| Address Line 4: | IRVINE, CALIFORNIA 92614 |
| ATTORNEY DOCKET NUMBER: | MLEAP.178A |
| NAME OF SUBMITTER: | KYU MIN |
| SIGNATURE: | /Kyu Min/ |
| DATE SIGNED: | 08/11/2021 |

PATENT

Total Attachments: 7

source=Assignment - MLEAP.178A#page1.tif
source=Assignment - MLEAP.178A#page2.tif
source=Assignment - MLEAP.178A#page3.tif
source=Assignment - MLEAP.178A#page4.tif
source=Assignment - MLEAP.178A#page5.tif
source=Assignment - MLEAP.178A#page6.tif
source=Assignment - MLEAP.178A#page7.tif

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: MLEAP.178A/ML-0558US and MLEAP.178WO/ML-0558WO

Page 1 of 3

Title: BROADBAND ADAPTIVE LENS ASSEMBLY FOR AUGMENTED REALITY DISPLAY

Application Nos.: U.S. Appl. No. **16/171,290** and International Application No. **PCT/US2018/057604**

Filing Date: October 25, 2018

Inventors: **Chulwoo Oh** residing at Cedar Park, TX; **Ravi Kumar Komanduri** residing at Austin, TX;
Roy Matthew Patterson residing at Hutto, TX; **Charles Scott Carden** residing at Austin, TX;
Michael Nevin Miller residing at Austin, TX; **Vikramjit Singh** residing at Pflugerville, TX.

Declaration

This Declaration is directed to U.S. or International Application No. **16/171,290**, filed October 25, 2018.

As a named inventor, I declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventors

WHEREAS, **above-identified inventors** (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries related to **BROADBAND ADAPTIVE LENS ASSEMBLY FOR AUGMENTED REALITY DISPLAY** (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States and an International Patent Application under the Patent Cooperation Treaty (both identified above) have been filed or prepared for filing with the United States Patent and Trademark Office (both the U.S. Patent Application and the PCT Application hereinafter referred to as the "Application"), and ASSIGNOR desires to assign or confirm assignment of the Work and the Application to the below identified Assignee.

AND WHEREAS, **Magic Leap, Inc.**, a Delaware Corporation, with a place of business at **7500 W. Sunrise Blvd., Plantation, FL 33322** (hereinafter the "ASSIGNEE"), desires to acquire or confirm ownership of the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred, and set over, and by these presents does hereby sell, assign, transfer, and set over, unto said ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest throughout the world in and to the Application and the Work, including: all provisional applications relating to the Work and the Application (including but not limited to U.S. Provisional Application No(s). **62/577,672**, filed **October 26, 2017** (respectively if plural applications)); all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals, and reissues thereof.

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*

Docket No.: MLEAP.178A/ML-0558US and MLEAP.178WO/ML-0558WO

Page 2 of 3

Title: BROADBAND ADAPTIVE LENS ASSEMBLY FOR AUGMENTED REALITY DISPLAY

Application Nos.: U.S. Appl. No. 16/171,290 and International Application No. PCT/US2018/057604

Filing Date: October 25, 2018

Inventors: Chulwoo Oh residing at Cedar Park, TX; Ravi Kumar Komanduri residing at Austin, TX;
Roy Matthew Patterson residing at Hutto, TX; Charles Scott Carden residing at Austin, TX;
Michael Nevin Miller residing at Austin, TX; Vikramjit Singh residing at Pflugerville, TX.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives, and assigns.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will: communicate, to said ASSIGNEE, its successors, legal representatives, and assigns, any facts known to ASSIGNOR respecting the Work; testify in any legal proceeding; assist in the preparation of any other patent application or other patent property relating to the Application and the Work or any improvements made thereto; sign/execute all lawful papers; authorize the filing of, execute, and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications; and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for the Work in all countries. If ASSIGNOR is requested by the owner of the rights conveyed hereby to take action under this paragraph the owner shall reimburse ASSIGNOR for reasonable out-of-pocket expenses actually paid by ASSIGNOR and incurred and paid as a result of complying with the owner's request; provided that receipts showing the amount actually paid are submitted to such owner.

Legal Name of inventor: Chulwoo Oh

Signature: _____

Date: _____

Legal Name of inventor: Ravi Kumar Komanduri

Signature: _____

Date: _____

Legal Name of inventor: Roy Matthew Patterson

Signature: _____

Date: _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*

Docket No.: MLEAP.178A/ML-0558US and MLEAP.178WO/ML-0558WO

Page 2 of 3

Title: BROADBAND ADAPTIVE LENS ASSEMBLY FOR AUGMENTED REALITY DISPLAY

Application Nos.: U.S. Appl. No. 16/171,290 and International Application No. PCT/US2018/057604

Filing Date: October 25, 2018

Inventors: Chulwoo Oh residing at Cedar Park, TX; Ravi Kumar Komanduri residing at Austin, TX;
Roy Matthew Patterson residing at Hutto, TX; Charles Scott Carden residing at Austin, TX;
Michael Nevin Miller residing at Austin, TX; Vikramjit Singh residing at Pflugerville, TX.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives, and assigns.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will: communicate, to said ASSIGNEE, its successors, legal representatives, and assigns, any facts known to ASSIGNOR respecting the Work; testify in any legal proceeding; assist in the preparation of any other patent application or other patent property relating to the Application and the Work or any improvements made thereto; sign/execute all lawful papers; authorize the filing of, execute, and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications; and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for the Work in all countries. If ASSIGNOR is requested by the owner of the rights conveyed hereby to take action under this paragraph the owner shall reimburse ASSIGNOR for reasonable out-of-pocket expenses actually paid by ASSIGNOR and incurred and paid as a result of complying with the owner's request; provided that receipts showing the amount actually paid are submitted to such owner.

Legal Name of inventor: Chulwoo Oh

Signature: _____

Date: _____

Legal Name of inventor: Ravi Kumar Komanduri

Signature:  _____

Date: 10/29/20

Legal Name of inventor: Roy Matthew Patterson

Signature: _____

Date: _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently***Docket No.:** MLEAP.178A/ML-0558US and MLEAP.178WO/ML-0558WO

Page 2 of 3

Title: BROADBAND ADAPTIVE LENS ASSEMBLY FOR AUGMENTED REALITY DISPLAY**Application Nos.:** U.S. Appl. No. 16/171,290 and International Application No. PCT/US2018/057604**Filing Date:** October 25, 2018**Inventors:** Chulwoo Oh residing at Cedar Park, TX; Ravi Kumar Komanduri residing at Austin, TX;
Roy Matthew Patterson residing at Hutto, TX; Charles Scott Carden residing at Austin, TX;
Michael Nevin Miller residing at Austin, TX; Vikramjit Singh residing at Pflugerville, TX.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives, and assigns.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate, to said ASSIGNEE, its successors, legal representatives, and assigns, any facts known to ASSIGNOR respecting the Work, testify in any legal proceeding; assist in the preparation of any other patent application or other patent property relating to the Application and the Work or any improvements made thereto; sign/execute all lawful papers; authorize the filing of, execute, and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications; and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for the Work in all countries. If ASSIGNOR is requested by the owner of the rights conveyed hereby to take action under this paragraph the owner shall reimburse ASSIGNOR for reasonable out-of-pocket expenses actually paid by ASSIGNOR and incurred and paid as a result of complying with the owner's request, provided that receipts showing the amount actually paid are submitted to such owner.

Legal Name of inventor: Chulwoo Oh

Signature: _____

Date: _____

Legal Name of inventor: Ravi Kumar Komanduri

Signature: _____

Date: _____

Legal Name of inventor: Roy Matthew PattersonSignature:  _____

Date: 8/17/20

PATENT**REEL: 057153 FRAME: 0563**

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: MLEAP.178A/ML-0558US and MLEAP.178WO/ML-0558WO

Page 3 of 3

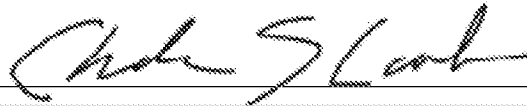
Title: BROADBAND ADAPTIVE LENS ASSEMBLY FOR AUGMENTED REALITY DISPLAY

Application Nos.: U.S. Appl. No. **16/171,290** and International Application No. **PCT/US2018/057604**

Filing Date: October 25, 2018

Inventors: **Chulwoo Oh** residing at Cedar Park, TX; **Ravi Kumar Komanduri** residing at Austin, TX;
Roy Matthew Patterson residing at Hutto, TX; **Charles Scott Carden** residing at Austin, TX;
Michael Nevin Miller residing at Austin, TX; **Vikramjit Singh** residing at Pflugerville, TX.

Legal Name of inventor: Charles Scott Carden

Signature: 

Date: 8/17/2020

Legal Name of inventor: Michal Nevin Miller

Signature: _____

Date: _____

Legal Name of inventor: Vikramjit Singh

Signature: _____

Date: _____

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: MAGIC LEAP, INC.

Signature: _____

Date: _____

Name: David C. Lundmark

Title: Chief Patent Officer

32197427

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: MLEAP.178A/ML-0558US and MLEAP.178WO/ML-0558WO

Page 3 of 3

Title: BROADBAND ADAPTIVE LENS ASSEMBLY FOR AUGMENTED REALITY DISPLAY

Application Nos.: U.S. Appl. No. 16/171,290 and International Application No. PCT/US2018/057604

Filing Date: October 25, 2018

Inventors: Chulwoo Oh residing at Cedar Park, TX; Ravi Kumar Komanduri residing at Austin, TX;
Roy Matthew Patterson residing at Hutto, TX; Charles Scott Carden residing at Austin, TX;
Michael Nevin Miller residing at Austin, TX; Vikramjit Singh residing at Pflugerville, TX.

Legal Name of Inventor: Charles Scott Carden

Signature: _____

Date: _____

Legal Name of Inventor: Michal Nevin Miller

Signature: _____

Date: 3-30-2020

Legal Name of Inventor: Vikramjit Singh

Signature: _____

Date: _____

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: MAGIC LEAP, INC.

Signature: _____

Date: _____

Name: David C. Lundmark

Title: Chief Patent Officer

32197427

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: MLEAP.178A/ML-0558US and MLEAP.178WO/ML-0558WO

Page 3 of 3

Title: BROADBAND ADAPTIVE LENS ASSEMBLY FOR AUGMENTED REALITY DISPLAY

Application Nos.: U.S. Appl. No. 16/171,290 and International Application No. PCT/US2018/057604

Filing Date: October 25, 2018

Inventors: Chulwoo Oh residing at Cedar Park, TX; Ravi Kumar Komanduri residing at Austin, TX;
Roy Matthew Patterson residing at Hutto, TX; Charles Scott Carden residing at Austin, TX;
Michael Nevin Miller residing at Austin, TX; Vikramjit Singh residing at Pflugerville, TX.

Legal Name of inventor: Charles Scott Carden

Signature: _____

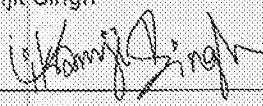
Date: _____

Legal Name of inventor: Michal Nevin Miller

Signature: _____

Date: _____

Legal Name of inventor: Vikramjit Singh

Signature:  _____

Date: 04-15-2020

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: MAGIC LEAP, INC.

Signature:  _____

Date: 6-11-21

Name: David C. Lundmark

Title: Chief Patent Officer

32197427