#### 506684878 05/26/2021

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6731696

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
LIONEL ERNEST EDWIN	05/27/2020
IVAN LI CHUEN YEOH	04/27/2020
SAMUEL A. MILLER	05/04/2020
EDWIN JOSEPH SELKER	10/31/2020
ADAM C. CARLSON	11/09/2020
BJORN NICOLAAS SERVATIUS VLASKAMP	05/04/2020
PAUL M. GRECO	09/09/2020

#### **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:	16389529
PCT Number:	US2019028376

#### **CORRESPONDENCE DATA**

**Fax Number:** (949)760-9502

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.

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Correspondent Name: KNOBBE, MARTENS, OLSON & BEAR, LLP

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ATTORNEY DOCKET NUMBER: MLEAP.185A

NAME OF SUBMITTER: TIFFANY YOUNG

SIGNATURE: /Tiffany Young/

PAIENI

506684878 REEL: 056364 FRAME: 0736

<b>DATE SIGNED:</b> 05/26/2021	
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 9	·
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Title: SYSTEMS AND METHODS FOR OPERATING A DISPLAY SYSTEM BASED ON USER

PERCEPTIBILITY

Application Nos.: U.S. Appl. No. 16/389,529 and International Application No. PCT/US2019/028376

Filing Date: April 19, 2019

Inventors: Lionel Ernest Edwin residing at Plantation, FL; Ivan Li Chuen Yeoh residing at Tampa, FL; Samuel A. Miller residing at Hollywood, FL; Edwin Joseph Selker residing at Palo Alto, CA; Adam C. Carlson residing at Miami, FL; Bjorn Nicolaas Servatius Vlaskamp residing at Plantation, FL; Paul M. Greco residing at Parkland, FL.

#### Declaration

This Declaration is directed to U.S. Application No. 16/389,529, filed April 19, 2019.

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 SYSTEMS AND METHODS FOR OPERATING A DISPLAY SYSTEM BASED ON USER PERCEPTIBILITY (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). 62/660,180 and 62/702,153, filed April 19, 2018 and July 23, 2018 (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

Application Data Sheet filed previously or concurrently

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Title: SYSTEMS AND METHODS FOR OPERATING A DISPLAY SYSTEM BASED ON USER

PERCEPTIBILITY

Application Nos.: U.S. Appl. No. 16/389,529 and International Application No. PCT/US2019/028376

Filing Date: April 19, 2019

Legal Name of Inventor: Lionel Ernest Edwin

Inventors: Lionel Ernest Edwin residing at Plantation, FL; Ivan Li Chuen Yeoh residing at Tampa, FL; Samuel A. Miller residing at Hollywood, FL; Edwin Joseph Selker residing at Palo Alto, CA; Adam C. Carlson residing at Miami, FL; Bjorn Nicolaas Servatius Vlaskamp residing at Plantation, FL; Paul M. Greco residing at Parkland, FL.

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.

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.

Signature:		Date:	05/27/2020
Legal Name of inventor:	Ivan Li Chuen Yeoh		
Signature:		Date:	

Application Data Sheet filed previously or concurrently

Docket No.: MLEAP.185A/ML-0538US and MLEAP.185WO/ML-0538WO

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Title: SYSTEMS AND METHODS FOR OPERATING A DISPLAY SYSTEM BASED ON USER

**PERCEPTIBILITY** 

Application Nos.: U.S. Appl. No. 16/389,529 and International Application No. PCT/US2019/028376

Filing Date: April 19, 2019

Legal Name of inventor: Lionel Ernest Edwin

Inventors: Lionel Ernest Edwin residing at Plantation, FL; Ivan Li Chuen Yeoh residing at Tampa, FL; Samuel A. Miller residing at Hollywood, FL; Edwin Joseph Selker residing at Palo Alto, CA; Adam C. Carlson residing at Miami, FL; Bjorn Nicolaas Servatius Vlaskamp residing at

Plantation, FL; Paul M. Greco residing at Parkland, FL.

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.

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.

Signature:	Date: _	
Legal Name of inventor: Ivan Li Chuen Yeo	oh	
Signature:	Date: _	4/27/2020

Application Data Sheet filed previously or concurrently

Docket No.: MLEAP.185A/ML-0538US and MLEAP.185WO/ML-0538WO

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Title: SYSTEMS AND METHODS FOR OPERATING A DISPLAY SYSTEM BASED ON USER

**PERCEPTIBILITY** 

Application Nos.: U.S. Appl. No. 16/389,529 and International Application No. PCT/US2019/028376

Filing Date: April 19, 2019

Inventors: Lionel Ernest Edwin residing at Plantation, FL; Ivan Li Chuen Yeoh residing at Tampa, FL; Samuel A. Miller residing at Hollywood, FL; Edwin Joseph Selker residing at Palo Alto, CA; Adam C. Carlson residing at Miami, FL; Bjorn Nicolaas Servatius Vlaskamp residing at Plantation FL; Boul M. Oraca residing at Planta

Plantation, FL; Paul M. Greco residing at Parkland, FL.

Legal Name of inventor: Samuel A. Miller	
Signature:	5/4/2020 Date:
Legal Name of inventor: Edwin Joseph Selker	
Signature:	Date:
Legal Name of inventor: Adam C. Carlson	
Signature:	Date:
Legal Name of inventor: Bjorn Nicolaas Servatius Vlaskamp	
Signature:	Date:
Legal Name of inventor: Paul M. Greco	
Signatura:	Date:

Application Data Sheet filed previously or concurrently

Docket No.: MLEAP.185A/ML-0538US and MLEAP.185WO/ML-0538WO

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Title: SYSTEMS AND METHODS FOR OPERATING A DISPLAY SYSTEM BASED ON USER

PERCEPTIBILITY

Application Nos.: U.S. Appl. No. 16/389,529 and International Application No. PCT/US2019/028376

Filing Date: April 19, 2019

Inventors: Lionel Ernest Edwin residing at Plantation, FL; Ivan Li Chuen Yeoh residing at Tampa, FL; Samuel A. Miller residing at Hollywood, FL; Edwin Joseph Selker residing at Palo Alto, CA; Adam C. Carlson residing at Miami, FL; Bjorn Nicolaas Servatius Vlaskamp residing at

Plantation, FL; Paul M. Greco residing at Parkland, FL.

Legal Name of inventor: Samuel A. Miller	
Signature:	Date:
Legal Name of inventor: Edwin Joseph Selker	
Signature:	Date: 10/31/2020
Legal Name of inventor: Adam C. Carlson	
Signature:	Date:
Legal Name of inventor: Bjorn Nicolaas Servatius Vlaskamp	
Signature:	Date:
Legal Name of inventor: Paul M. Greco	
Signature:	Date:

Application Data Sheet filed previously or concurrently

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Title: SYSTEMS AND METHODS FOR OPERATING A DISPLAY SYSTEM BASED ON USER

**PERCEPTIBILITY** 

Application Nos.: U.S. Appl. No. 16/389,529 and International Application No. PCT/US2019/028376

Filing Date: April 19, 2019

Inventors: Lionel Ernest Edwin residing at Plantation, FL; Ivan Li Chuen Yeoh residing at Tampa, FL; Samuel A. Miller residing at Hollywood, FL; Edwin Joseph Selker residing at Palo Alto, CA; Adam C. Carlson residing at Miami, FL; Bjorn Nicolaas Servatius Vlaskamp residing at

Plantation, FL; Paul M. Greco residing at Parkland, FL.

Legal Name of inventor: Samuel A. Miller		
Signature:	Date:	
Legal Name of inventor: Edwin Joseph Selker		
Signature:	Date:	
Legal Name of inventor: Adam C. Carlson Signature:	Date:	1/9/2000
Legal Name of Inventor: Bjorn Nicolaas Servatius Vlaskamp		
Signature:	Date:	
Legal Name of inventor: Paul M. Greco		
Signature	Doto	



Application Data Sheel filed previously or concurrently Page 3 of 4 Docket No.: MLEAP.185A/ML-0538US and MLEAP.185WO/ML-0538WO Title: SYSTEMS AND METHODS FOR OPERATING A DISPLAY SYSTEM BASED ON USER PERCEPTIBILITY Application Nos.; U.S. Appl. No. 16/389,529 and International Application No. PCT/US2019/028376 Filing Date: April 19, 2019 Inventors: Lionel Ernest Edwin residing at Plantation, FL; Ivan Li Chuen Yeoh residing at Tampa, FL; Samuel A. Miller residing at Hollywood, Ft.; Edwin Joseph Selker residing at Palo Alto, CA. Adam C. Carlson residing at Miami, FL. Bjorn Nicolaas Servatius Vlaskamp residing at Plantation, FL. Paul M. Greco residing at Parkland, FL. Legal Name of inventor: Samuel A. Miller Signature: \_\_\_\_\_\_ Legal Name of inventor: Edwin Joseph Selker Date: Signature: Legal Name of inventor: Adam C. Carlson Date. Signature:

Legal Name of Inventor: Bjorn Nicolaas Servatius Vlaskamp

Legal Name of inventor: Paul M. Greco

Date: Signature:

Application Data Sheet filed previously or concurrently

Docket No.: MLEAP.185A/ML-0538US and MLEAP.185WO/ML-0538WQ

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Title: SYSTEMS AND METHODS FOR OPERATING A DISPLAY SYSTEM BASED ON USER

PERCEPTIBILITY

Application Nos.: U.S. Appl. No. 16/389,529 and International Application No. PCT/US2019/028376

Filing Date: April 19, 2019

Inventors: Lionel Emest Edwin residing at Plantation, FL. Ivan Li Chuen Yeoh residing at Tampa, FL.
Samuel A. Miller residing at Hollywood, FL. Edwin Joseph Selker residing at Palo Alto, CA,
Adam C. Carlson residing at Miemi, FL, Bjorn Nicolaas Servatius Vlaskamp residing at
Plantation, FL, Paul M. Greco residing at Parkland, FL

Legal Name of inventor: Samuel A Miller		
Signature:	Date:	
Legal Name of inventor: Edwin Joseph Selker		
Signature:	Date:	
Legal Name of inventor: Adam C. Carlson		
Signature	Date:	
Legal Name of Inventor: Bjorn Nicolaes Servatius Vlaskemp		
Signature:	Date:	
Legal Name of inventor: Paul M. Graco		
Signature: /a//////	Date: 9/9	1/2020

Application Data Sheet filed previously or concurrently

Docket No.: MLEAP.185A/ML-0538US and MLEAP.185WO/ML-0538WO

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Title: SYSTEMS AND METHODS FOR OPERATING A DISPLAY SYSTEM BASED ON USER

PERCEPTIBILITY

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Application Nos.: U.S. Appl. No. 16/389,529 and International Application No. PCT/US2019/028376

Filing Date: April 19, 2019

Inventors: Lionel Ernest Edwin residing at Plantation, FL; Ivan Li Chuen Yeoh residing at Tampa, FL; Samuel A. Miller residing at Hollywood, FL; Edwin Joseph Selker residing at Palo Alto, CA; Adam C. Carlson residing at Miami, FL; Bjorn Nicolaas Servatius Vlaskamp residing at Plantation, FL; Paul M. Greco residing at Parkland, FL.

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: MAG	IC LEAP, INC.		
Signature:		<u>~</u> Date:	5-14-2
Name;	David C. Lundmark		
Title:	Chief Patent Officer		

RECORDED: 05/26/2021