505759141 11/06/2019

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5805956

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LAP-FAI YU	10/12/2019
HAIKUN HUANG	10/11/2019

RECEIVING PARTY DATA

Name:	UNIVERSITY OF MASSACHUSETTS	
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City:	BOSTON	
State/Country:	MASSACHUSETTS	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16598718

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 0200-012001 **NAME OF SUBMITTER:** RONALD L. GORDON SIGNATURE: /Ronald L. Gordon/ **DATE SIGNED:** 11/06/2019

Total Attachments: 2

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PATENT REEL: 050924 FRAME: 0467 505759141

Assignment Attorney Docket No.: 0200-012001 Page 1 of 2

ASSIGNMENT

WHEREAS, I/We, Lap-Fai Yu, residing in Falls Church, VA, USA, and Haikun Huang, residing in Quincy, MA, USA, made certain new and useful inventions and improvements set forth in an application for Letters Patent of the United States entitled HUMAN VISION-EMPOWERED 3D SCENE ANALYSIS TOOLS, which was filed on October 10, 2019 and assigned U.S. Application No. 16/598,718.

AND WHEREAS, UNIVERSITY OF MASSACHUSETTS, having an office and place of business at One Beacon Street, 31ST Floor, Boston, Massachusetts, 02108, USA (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee, its successors and assigns.

PATENT REEL: 050924 FRAME: 0468

Assignment Attorney Docket No.: 0200-012001

Page 2 of 2

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements,

inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby

sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Dated: $\frac{10/12/2019}{10/12/2019}$

Lap-Fai Yu

Haikun Huang

Dated: Oct 11, 2019

PATENT REEL: 050924 FRAME: 0469

RECORDED: 11/06/2019