

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

Assignment ID: PATI97968

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Yang Liu	01/31/2024
Mazyar Askari Karchegani	03/11/2024
<b>RECEIVING PARTY DATA</b>	
<b>Company Name:</b>	HappyCam L.L.C.
<b>Street Address:</b>	839 East Market Street
<b>Internal Address:</b>	Suite 106, #158
<b>City:</b>	Akron
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44305
<b>PROPERTY NUMBERS Total: 4</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	62951480
<b>Application Number:</b>	63040816
<b>Application Number:</b>	17129691
<b>Application Number:</b>	18358396
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	3177133699
<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>	
<b>Phone:</b>	3177133500
<b>Email:</b>	docket-clearance-ip@taftlaw.com
<b>Correspondent Name:</b>	Patrick Palascak
<b>Address Line 1:</b>	ONE INDIANA SQUARE
<b>Address Line 2:</b>	SUITE 3500
<b>Address Line 4:</b>	INDIANAPOLIS, INDIANA 46204
<b>ATTORNEY DOCKET NUMBER:</b>	IIM02-408, 414, 415, 438
<b>NAME OF SUBMITTER:</b>	Cheryl Marley
<b>SIGNATURE:</b>	Cheryl Marley
<b>DATE SIGNED:</b>	03/15/2024

**Total Attachments: 4**

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## ASSIGNMENT

WHEREAS, Yang Liu of 2 Durango Place, Iowa City, IA 52246; and Maziyar Askari Karchegani of 425 6th Avenue, Apartment A, Coralville, Iowa 52241, hereinafter referred to as Assignors, have made one or more new and useful inventions in a GENERATION OF THREE-DIMENSIONAL SCANS FOR INTRAOPERATIVE IMAGING for which Assignors have made or will make application for Letters Patent of the United States (hereinafter the “Application”); and

WHEREAS, HappyCam L.L.C., an Ohio limited liability company, located at 839 East Market Street, Suite 106, #158, Akron, Ohio 44305, hereinafter referred to as Assignee, desires to acquire all of the entire right, title and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application, and in, to and under the Application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefore and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for good, valuable and sufficient considerations to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions, continuations, and continuations-in-part thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignors hereby authorize Assignee, its counsel, or its agents to fill in some or all of the following list of information at the discretion of the Assignee, its counsel, or its agents:

The Applications and/or Patents include the following:

U.S. Application No. 62/951,480 filed on December 20, 2019

U.S. Application No. 63/040,816 filed on June 18, 2020

U.S. Patent No. 11,710,249 issued on July 25, 2023

U.S. Application No. 18/358,396 filed on July 25, 2023

U.S. Application No. 18/363,822 filed on August 2, 2023

Assignors hereby authorizes and requests the Honorable Assistant Secretary and Commissioner for Patents and Trademarks to issue said Letters Patent to Assignee, its assigns

and legal representatives. Assignors agrees to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

Witness Assignor's hand this 31th day of January, 2024.

Yang Liu  
Yang Liu

Witness Assignor's hand this \_\_\_\_ day of \_\_\_\_\_, 2024.

\_\_\_\_\_  
Maziyar Askari Karchegani

**ASSIGNMENT**

WHEREAS, Yang Liu of 2 Durango Place, Iowa City, IA 52246; and Maziyar Askari Karchegani of 425 6th Avenue, Apartment A, Coralville, Iowa 52241, hereinafter referred to as Assignors, have made one or more new and useful inventions in a GENERATION OF THREE-DIMENSIONAL SCANS FOR INTRAOPERATIVE IMAGING for which Assignors have made or will make application for Letters Patent of the United States (hereinafter the “Application”); and

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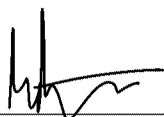
Assignors hereby authorizes and requests the Honorable Assistant Secretary and Commissioner for Patents and Trademarks to issue said Letters Patent to Assignee, its assigns

and legal representatives. Assignors agrees to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

Witness Assignor's hand this \_\_\_\_ day of \_\_\_\_\_, 2022.

\_\_\_\_\_  
Yang Liu

Witness Assignor's hand this 11th day of MARCH, 2024., ~~2022~~.

  
\_\_\_\_\_  
Mazyar Askari Karchegani