

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5332580

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DANIEL LIETZ	12/11/2018
ERIC HALE	12/11/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KARL STORZ IMAGING, INC.
<b>Street Address:</b>	1 SOUTH LOS CARNEROS ROAD
<b>Internal Address:</b>	INTELLECTUAL PROPERTY DEPT
<b>City:</b>	GOLETA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	93117
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16217686
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(805)968-2315
<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>	(805)968-5563
<b>Email:</b>	patent@karlstorz.com
<b>Correspondent Name:</b>	KARL STORZ IMAGING, INC.
<b>Address Line 1:</b>	1 SOUTH LOS CARNEROS ROAD
<b>Address Line 2:</b>	INTELLECTUAL PROPERTY DEPT
<b>Address Line 4:</b>	GOLETA, CALIFORNIA 93117
<b>ATTORNEY DOCKET NUMBER:</b>	P17600US
<b>NAME OF SUBMITTER:</b>	DOUGLAS S. KIRK
<b>SIGNATURE:</b>	/Douglas S Kirk/
<b>DATE SIGNED:</b>	01/18/2019
<b>Total Attachments: 4</b>	
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source=P17600US-Assignment-scanned-signed-both#page2.tif	
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**Assignment**

**WHEREAS**, We, the undersigned inventors, have made certain inventions or discoveries (or both) as set forth in an application for Letters Patent of the United States of America, entitled "SYSTEMS AND METHODS FOR OPERATING VIDEO MEDICAL SCOPES USING A VIRTUAL CAMERA CONTROL UNIT", bearing U.S. Patent Application No. \_\_\_\_\_ and filed on \_\_\_\_\_;

**WHEREAS**, KARL STORZ Imaging, Inc., a corporation organized and existing under the laws of the State of California, and having an office and place of business at 1 S. Los Carneros Road, Goleta, CA 93117, and, together with its successors and assigns is hereinafter called "Assignee", and is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

**NOW THEREFORE**, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in any and all countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patents to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions

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Assignment  
Serial No.  
Filed:

Atty Docket: P17600US  
Inventors: Daniel Lietz, Eric Hale  
Title: SYSTEMS AND METHODS FOR OPERATING VIDEO MEDICAL  
SCOPES USING A VIRTUAL CAMERA CONTROL UNIT

and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents, including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns, which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

6. Authorize and request Assignee, directly or through Assignee's attorneys, to insert the filing date and application number of said application in the above spaces when the filing date and application number are known.

**IN WITNESS WHEREOF**, we, **Daniel Lietz**, and **Eric Hale**, have hereunto set our hands and signed our names.

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Assignment  
Serial No.  
Filed:

Atty Docket: P17600US  
Inventors: Daniel Lietz, Eric Hale  
Title: SYSTEMS AND METHODS FOR OPERATING VIDEO MEDICAL  
SCOPES USING A VIRTUAL CAMERA CONTROL UNIT

12/11/2018  
Date

  
Daniel Lietz  
c/o KARL STORZ Imaging, Inc.  
1 S. Los Carneros Road  
Goleta, CA 93117


A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA : ss.  
COUNTY OF SANTA BARBARA :

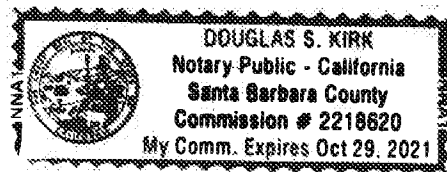
On December 11, 2018, before me DOUGLAS S. KIRK,  
Notary Public, personally appeared **Daniel Lietz**, who proved to me on the basis of  
satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within  
instrument and acknowledged to me that he/she/they executed the same in his/her/their  
authorized capacity(ies), and that by his/her/their signature(s) on the instrument the  
person(s), or the entity upon behalf of which the person(s) acted, executed the  
instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that  
the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

  
Notary Public Signature

(Seal)



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Assignment  
Serial No.  
Filed:

Atty Docket: P17600US  
Inventors: Daniel Lietz, Eric Hale  
Title: SYSTEMS AND METHODS FOR OPERATING VIDEO MEDICAL  
SCOPES USING A VIRTUAL CAMERA CONTROL UNIT

12/11/18  
Date

[Signature]  
Eric Hale  
c/o KARL STORZ Imaging, Inc.  
7112 NW 25th Ave  
Vancouver, WA 98665

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF Washington : ss.  
COUNTY OF Clark :

On December, 11, 2018, before me Arthur Morse,  
Notary Public, personally appeared Eric Hale who proved to me on the basis of  
satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within  
instrument and acknowledged to me that he/she/they executed the same in his/her/their  
authorized capacity(ies), and that by his/her/their signature(s) on the instrument the  
person(s), or the entity upon behalf of which the person(s) acted, executed the  
instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Washington  
that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Signature]  
Notary Public Signature

(Seal) 