505572630 07/16/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IAN E. MCDOWALL	09/25/2015

RECEIVING PARTY DATA

Name:	INTUITIVE SURGICAL OPERATIONS, INC.	
Street Address:	1020 KIFER ROAD	
City:	SUNNYVALE	
State/Country:	CALIFORNIA	
Postal Code:	94086	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16507717

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NAME OF SUBMITTER:	KATE MURROCK	
SIGNATURE:	/Kate Murrock/	
DATE SIGNED:	07/16/2019	

Total Attachments: 2

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PATENT 505572630 REEL: 049760 FRAME: 0407

ASSIGNMENT OF INVENTION AND PATENT RIGHTS

WHEREAS I/we:

McDOWALL, Ian E. 260 Lindenbrook Rd. Woodside, California 94062 United States of America

(the "Assignor(s)") have invented one or more inventions
described in one or more patent applications entitled (the
"Invention"):

ANGLED ENDOSCOPE TIP IMAGE CAPTURE UNIT

the application(s) having been filed as Application Number: PCT/US2015/020890, filed on: 17-Mar-2015

Now for good and valuable consideration, receipt and sufficiency of which is hereby acknowledged, I/we hereby sell, assign, and transfer to (the "Assignee"),:

Intuitive Surgical Operations, Inc.

- a Delaware corporation having a place of business at 1020 Kifer Road, Sunnyvale, California 94086 and the Assignee's successor(s), assign(s), and nominee(s)-
 - (i) the entire right, title, and interest throughout the world in the Invention(s); and
 - (ii) the entire right, title, and interest throughout the world in all patent applications and patents of every country and region (including international applications made under the Patent Cooperation Treaty) for the Invention(s), including continuations, divisions, reissues, and extensions thereof, and all rights of priority resulting from the filing of these applications (the "Patent Rights").

I/we authorize the Assignee and the Assignee's successor(s), assign(s), and nominee(s) to apply for patents of every country and region for the Invention(s)

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PATENT REEL: 049760 FRAME: 0408 and to claim all rights of priority without further authorization from me/us.

I/we agree to execute all papers useful in connection with the Patent Rights, and generally to do everything possible to aid the Assignee, and the Assignee's successor(s), assign(s), and nominee(s), at their reasonable request and reasonable expense, in obtaining and enforcing the Patent Rights in all countries and regions.

I/we request that all patents granted for the Invention(s) be issued to the Assignee or to the Assignee's successor(s), assign(s), and nominee(s) as the case may be.

Signature:

MCDOWALL, Ian E.

/ ----

Date

Witnessed_by:

Print Name

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RECORDED: 07/16/2019

PATENT REEL: 049760 FRAME: 0409