

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5004951

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BRANDON D. ITKOWITZ	09/25/2015
NITISH SWARUP	10/05/2015
PAUL G. GRIFFITHS	09/25/2015
GORAN LYNCH	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:	15125533
CORRESPONDENCE DATA	
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Address Line 4:	DALLAS, TEXAS 75219
ATTORNEY DOCKET NUMBER:	ISRG06970/US
NAME OF SUBMITTER:	EFFEI DAH
SIGNATURE:	/Effe Dah/
DATE SIGNED:	06/13/2018
Total Attachments: 4	
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ASSIGNMENT OF INVENTION AND PATENT RIGHTS

WHEREAS I/we:

ITKOWITZ, Brandon D.
834 Maria Lane
Sunnyvale, California 94086
United States of America

SWARUP, Nitish
250 W. El Camino Real #6315
Sunnyvale, California 94087
United States of America

GRIFFITHS, Paul G.
4503 Carlyle Ct., Apt. 2304
Santa Clara, California 95054
United States of America

LYNCH, Goran
530 Chetwood St.
Oakland, California 94610
United States of America

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

SYSTEM AND METHOD FOR MAINTAINING A TOOL POSE

the application(s) having been filed as Application Number: PCT/US2015/021089, 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)-

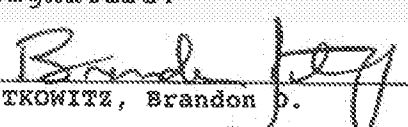
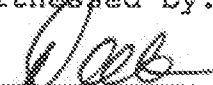
ISRG06970/PCT

(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) 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:  ITKOWITZ, Brandon B.	Witnessed by: 
Date 9/25/15	Print Name Dana Rubenstein

Signature: _____ SWARUP, Nitish	Witnessed by: _____
Date _____	Print Name _____

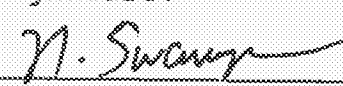

(i) the entire right, title, and interest throughout the world in the Invention(s); and
(ii) the entire right, title, and interest throughout the world in all patent applications and patents of every country and region (including international applications made under the Patent Cooperation Treaty) for 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").

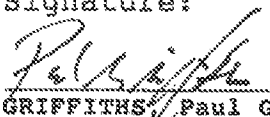
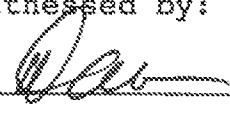
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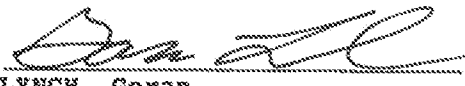
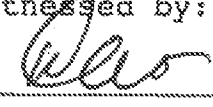
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I/we request that all patents granted for the Invention(s) be issued to the Assignee or to the Assignee's successor(s), assign(s), and nominee(s) as the case may be.

Signature: ITKOWITZ, Brandon D. Date	Witnessed by: Print Name
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Signature:  SWARUP, Nitish 10/5/15 Date	Witnessed by:  ROBERT GOUGH Print Name
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Signature:  GRIFFITHS, Paul G.	Witnessed by: 
9/25/2015 Date	Dana Rubenstein Print Name

Signature:  LYNCH, Goran	Witnessed by: 
9/25/2015 Date	Dana Rubenstein Print Name

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RECORDED: 06/13/2018

PATENT
REEL: 046075 FRAME: 0478