

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6109557

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the THIRD INVENTOR'S NAME previously recorded on Reel 032769 Frame 0073. Assignor(s) hereby confirms the THIRD INVENTOR'S NAME IS -- PUSHKAR HINGWE --..
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ARJANG A HOURTASH	04/21/2014
NICOLA DIOLAITI	04/21/2014
PUSHKAR HINGWE	04/21/2014
NITISH SWARUP	04/21/2014
NIELS SMABY	04/21/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INTUITIVE SURGICAL OPERATIONS, INC.
<b>Street Address:</b>	1020 KIFER ROAD
<b>City:</b>	SUNNYVALE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94086
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14218318
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(408)715-1201
<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>	4087151211
<b>Email:</b>	jmatthews@artegislaw.com, algdocketing@artegislaw.com
<b>Correspondent Name:</b>	ARTEGIS LAW GROUP, LLP
<b>Address Line 1:</b>	7710 CHERRY PARK DRIVE, SUITE T104
<b>Address Line 4:</b>	HOUSTON, TEXAS 77095
<b>ATTORNEY DOCKET NUMBER:</b>	INTU0038US1-P00407-US-02
<b>NAME OF SUBMITTER:</b>	JULIE MATTHEWS
<b>SIGNATURE:</b>	/Julie Matthews/
<b>DATE SIGNED:</b>	05/15/2020
<b>Total Attachments: 5</b>	

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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2831960

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ARJANG M. HOURTASH	04/21/2014
NICOLA DIOLAITI	04/21/2014
<del>PUSKAR HINGWE</del> <u>PUSHKAR HINGWE</u>	04/21/2014
NITISH SWARUP	04/21/2014
NIELS SMABY	04/21/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INTUITIVE SURGICAL OPERATIONS, INC.
<b>Street Address:</b>	1020 KIFER RD.
<b>City:</b>	SUNNYVALE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94086
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14218318
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(408)523-6845
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	4085232129
<b>Email:</b>	patent.group@intusurg.com
<b>Correspondent Name:</b>	INTUITIVE SURGICAL OPERATIONS, INC.
<b>Address Line 1:</b>	1020 KIFER RD.
<b>Address Line 4:</b>	SUNNYVALE, CALIFORNIA 94086
<b>ATTORNEY DOCKET NUMBER:</b>	ISRG03840/US
<b>NAME OF SUBMITTER:</b>	DANA RUBENSTEIN
<b>SIGNATURE:</b>	/Dana Rubenstein/
<b>DATE SIGNED:</b>	04/28/2014
<b>Total Attachments: 2</b>	
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source=ISRG03840_AssignmentSigned#page2.tif	

ISRG03840/US

**ASSIGNMENT OF INVENTION AND PATENT RIGHTS**

WHEREAS I/we:

Arjang M. HOURTASH  
5255 Stevens Creek Blvd. #102  
Santa Clara, California 95051

Nicola DIOLAITI  
147 East Creek Drive  
Menlo Park, California 94025

Pushkar HINGWE  
990 Berry Avenue  
Los Altos, California 94024

Niels SMABY  
4230 Ruthelma Ave.  
Palo Alto, California 94306

Nitish SWARUP  
250 W. El Camino Real #6315  
Sunnyvale, California 94087

(hereinafter referred to as Assignor(s)), have invented a certain invention entitled:

**SOFTWARE CONFIGURABLE MANIPULATOR DEGREES OF FREEDOM**

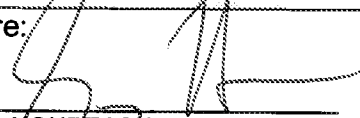
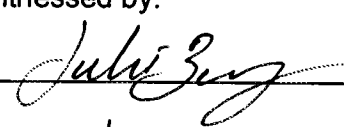
for which an application for Letters Patent in the United States was filed under Application No. 14/218,318 on 18-Mar-2014.


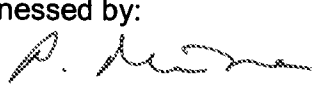
For good and valuable consideration, receipt of which is hereby acknowledged, I/WE hereby sell, assign, and transfer to:

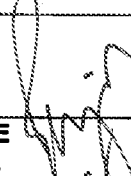
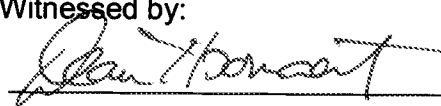
Intuitive Surgical Operations, Inc.

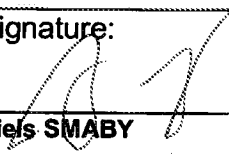
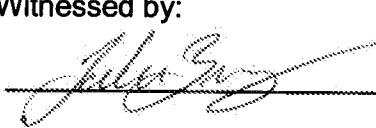
a Delaware corporation having a place of business at 1266 Kifer Rd, Bldg 101, Sunnyvale, California 94086 and its successors and assigns, the entire right, title, and interest throughout the world in my/our invention(s), which is/are generally described in the United States patent application cited above, and all patent applications and patents of every country and region (including international applications made under the Patent Cooperation Treaty) for said invention(s), including divisions, reissues, continuations, and extensions thereof, and all rights of priority resulting from the filing of said applications; I/we authorize the above-named assignee to apply for patents of every country and region for said 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 said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns, and nominees, at their request and expense, in obtaining and enforcing patents for said invention(s) in all countries and regions; and I/we request that the Commissioner of Patents and Trademarks


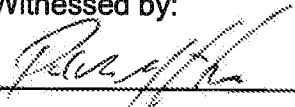
to issue all patents granted for said invention to the above-named assignee, its successors, and assigns.

Signature: 	Witnessed by: 
Arjang M. HOUTTASH	
Date: 4/21/2014	Print Name: JULIE BERRY

Signature: 	Witnessed by: 
Nicola DIOLATTI	
Date: 4/21/2014	Print Name: PROBAB MITRA

Signature: 	Witnessed by: 
Pushkar HINGWE	
Date: 4/21/2014	Print Name: 4/21/14

Signature: 	Witnessed by: 
Niels SMABY	
Date: 4/21/2014	Print Name: JULIE BERRY

Signature: 	Witnessed by: 
Nitish SWARUP	
Date: 4/21/2014	Print Name: Paul G. Griffiths



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 29, 2014

PTAS

INTUITIVE SURGICAL OPERATIONS, INC.  
1020 KIFER RD.  
SUNNYVALE, CA 94086

**502785365**

### UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 04/28/2014

REEL/FRAME: 032769/0073  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: ISRG03840/US

ASSIGNOR:

HOURTASH, ARJANG M.

DOC DATE: 04/21/2014

ASSIGNOR:

DIOLAITI, NICOLA

DOC DATE: 04/21/2014

ASSIGNOR:

~~HINGWE, PUSKAR~~ HINGWE, PUSHKAR

DOC DATE: 04/21/2014

ASSIGNOR:

SWARUP, NITISH

DOC DATE: 04/21/2014

ASSIGNOR:

SMABY, NIELS

DOC DATE: 04/21/2014

ASSIGNEE:

INTUITIVE SURGICAL OPERATIONS, INC.  
1020 KIFER RD.  
SUNNYVALE, CALIFORNIA 94086

APPLICATION NUMBER: 14218318

FILING DATE: 03/18/2014

PATENT NUMBER:

ISSUE DATE:

TITLE: SOFTWARE CONFIGURABLE MANIPULATOR DEGREES OF FREEDOM

ASSIGNMENT RECORDATION BRANCH

PUBLIC RECORDS DIVISION