

PATENT ASSIGNMENT COVER SHEET

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|---|-------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| BRIAN DAVID HOFFMAN | 04/21/2005 |
| DAVID Q. LARKIN | 04/21/2005 |
| GIUSEPPE PRISCO | 04/21/2005 |
| GUANGHUA G. ZHANG | 04/21/2005 |
| RAJESH KUMAR | 04/21/2005 |
| RECEIVING PARTY DATA | |
| Name: | INTUITIVE SURGICAL INC. |
| Street Address: | 950 KIFER RD |
| City: | SUNNYVALE |
| State/Country: | CALIFORNIA |
| Postal Code: | 94086 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16396125 |
| CORRESPONDENCE DATA | |
| Fax Number: | (404)645-7707 |
| <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> | |
| Phone: | 404-645-7700 |
| Email: | ksvenson@mcciplaw.com |
| Correspondent Name: | INTUITIVE SURGICAL OPERATIONS, INC. |
| Address Line 1: | 1020 KIFER ROAD |
| Address Line 4: | SUNNYVALE, CALIFORNIA 94086 |
| ATTORNEY DOCKET NUMBER: | ISRG00030D4/US |
| NAME OF SUBMITTER: | KIRSTEN L. SVENSON |
| SIGNATURE: | /Kirsten L. Svenson/ |
| DATE SIGNED: | 08/27/2019 |
| Total Attachments: 3 | |
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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

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SAN JOSE, California 95129

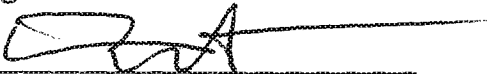
KUMAR, RAJESH
1261 LAKESIDE DRIVE
#1198
SUNNYVALE, California 94085

(hereinafter referred to as Assignors), have invented a certain invention entitled:
METHODS AND SYSTEM FOR PERFORMING 3-D TOOL TRACKING BY FUSION OF
SENSOR AND/OR CAMERA DERIVED DATA DURING MINIMALLY INVASIVE ROBOTIC
SURGERY

for which application for Letters Patent in the United States is being filed ;
being mailed under Express Mail Label # ED802676453US

For good and valuable consideration, receipt of which is hereby acknowledged, I/WE hereby sells, assigns and transfers to Intuitive Surgical INC., having a place of business at 950 KIFER RD, SUNNYVALE , CALIFORNIA 94086 its successors and assigns, the entire right, title and interest throughout the world in MY/OUR invention, for which I / WE have executed the above mentioned United States patent application and all patent applications and patents of every country for said invention, 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 foreign countries for said invention, and to claim all rights of priority without further authorization from me; 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 in all countries; 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:



HOFFMAN, BRIAN DAVID

4/21/05

Date

Witness by:

 On 4/21/05

Signature:

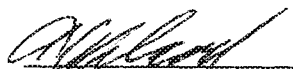


LARKIN, DAVID Q.

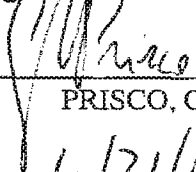
4/21/05

Date

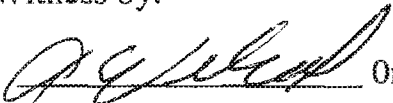
Witness by:

 On 4/21/05

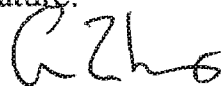
Signature:


PRISCO, GIUSEPPE
4/21/05
Date

Witness by:

 On 4/21/05


Signature:


ZHANG, GUANGHUA G.
4/21/05
Date


Witness by:

 On 4/21/05

Signature:


KUMAR, RAJESH
4/21
Date

Witness by:

 On 4/21/05