

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3047787

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|---|-------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| SAMUEL T. CREWS | 04/01/2014 |
| ANDREW CREWS | 04/01/2014 |
| EDWARD P. DONLON | 04/01/2014 |
| CRAIG GERBI | 04/02/2014 |
| KENNETH L. GONG | 04/10/2014 |
| KARNAMADAKALA D. KRISHNANAND | 01/15/2014 |
| PELING LEE | 04/01/2014 |
| THEODORE W. ROGERS | 04/02/2014 |
| JOHN RYAN STEGER | 04/01/2014 |
| CHARLES E. SWINEHART | 04/01/2014 |
| RECEIVING PARTY DATA | |
| Name: | INTUITIVE SURGICAL OPERATIONS, INC. |
| Street Address: | 1020 KIFER RD. |
| City: | SUNNYVALE |
| State/Country: | CALIFORNIA |
| Postal Code: | 94086 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14149535 |
| CORRESPONDENCE DATA | |
| Fax Number: | (408)523-6845 |
| <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: | 4085232129 |
| Email: | patent.group@intusurg.com |
| Correspondent Name: | INTUITIVE SURGICAL OPERATIONS, INC. |
| Address Line 1: | 1020 KIFER RD. |
| Address Line 4: | SUNNYVALE, CALIFORNIA 94086 |
| ATTORNEY DOCKET NUMBER: | ISRG04750/US |
| NAME OF SUBMITTER: | DANA RUBENSTEIN |

PATENT

| | |
|---|-------------------|
| SIGNATURE: | /Dana Rubenstein/ |
| DATE SIGNED: | 10/01/2014 |
| Total Attachments: 6 source=ISRG04750 Assignment#page1.tif source=ISRG04750 Assignment#page2.tif source=ISRG04750 Assignment#page3.tif source=ISRG04750 Assignment#page4.tif source=ISRG04750 Assignment#page5.tif source=ISRG04750 Assignment#page6.tif | |

ISRG04750/US

ASSIGNMENT OF INVENTION AND PATENT RIGHTS

WHEREAS I/we:

Samuel T. Crews
255 Montalvo Road
Palomar Park, CA 94062

Karnamadakala D. Krishnanand
4705 La Crescent Loop
San Jose, CA 95136

Andrew O. Crews
831 Northrup St.
San Jose, CA 95126

Peling G. Lee
716 Seminole Way
Palo Alto, CA 94303

Edward P. Donlon
14661 Nelson Way
San Jose, CA 95124

Theodore W. Rogers
3240 Sterling Ave.
Alameda, CA 94501

Craig R. Gerbi
445 Purisima Way
Half Moon Bay, CA 94019

John Ryan Steger
270 Hazelton Ave.
Sunnyvale, CA 94085

Kenneth L. Gong
963 Woodthrush Ct
San Jose, CA 95120

Charles E. Swinehart
1282 Vinci Park Way
San Jose, CA 95131

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

**SURGICAL INSTRUMENTS HAVING IMPROVED WEAR RESISTANCE, AND
METHODS OF MAKING THE SAME**


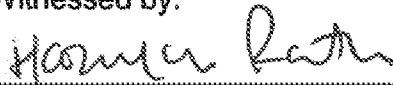
for which application for Letters Patent in the United States was filed under
Application No. 14/149535 on January 8, 2014.

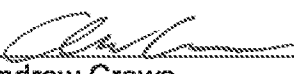
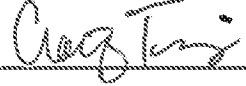
For good and valuable consideration, receipt of which is hereby
acknowledged, I/WE hereby sell, assign, and transfer to:

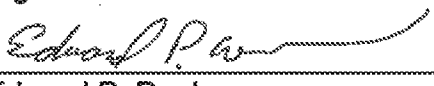
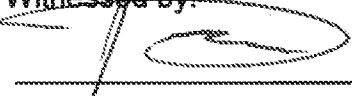
Intuitive Surgical Operations, Inc.

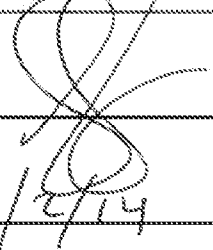
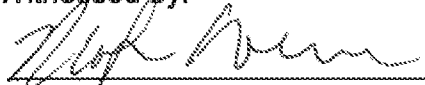
a Delaware corporation having a place of business at 1266 Kifer Rd, Bldg 101,
Sunnyvale, California 94086 and its successors and assigns, the entire right, title,
and interest throughout the world in my/our invention(s), which is/are generally
described in the United States patent application cited above, 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.

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|---|---|
| Signature:  Samuel T. Crews Date: 4/1/14 | Witnessed by:  HARSUKH RATIA Print Name |
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|---|--|
| Signature:  Andrew Crews Date: 4-1-2014 | Witnessed by:  CRAIG TSUJI Print Name |
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| Signature:  Edward P. Donlon Date: 4/1/2014 | Witnessed by:  ROBERT D. HOR Print Name |
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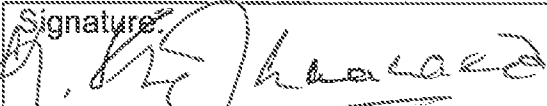
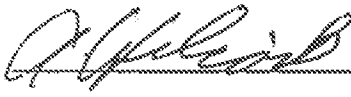
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| Signature:  Craig Gerbi Date: 4/2/14 | Witnessed by:  Nicole Kernbaum Print Name |
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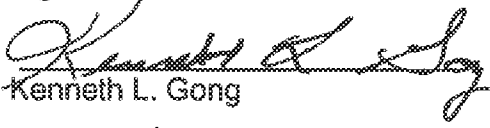
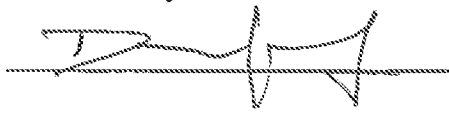
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|--|------------------------|
| Signature: _____ Andrew O. Crews | Witnessed by: _____ |
| Date _____ | Print Name _____ |

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| Signature: _____ Edward P. Donion | Witnessed by: _____ |
| Date _____ | Print Name _____ |

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|---------------------------------------|------------------------|
| Signature: _____ Craig R. Gerbi | Witnessed by: _____ |
| Date _____ | Print Name _____ |

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|--|------------------------|
| Signature: _____ Kenneth L. Gong | Witnessed by: _____ |
| Date _____ | Print Name _____ |

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|--|---|
| Signature:  Karnamadakala, D. Krishnanand | Witnessed by:  |
| Date Jan 15, 2014 | Print Name P. G. Cook |

| | |
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| Signature:  Kenneth L. Gong Date: <u>4/10/14</u> | Witnessed by:  <u>DEEPAK MANTUNATH</u> Print Name |
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| Signature: <u>Karnamadakala D. Krishnanand</u> Date: _____ | Witnessed by: _____ Print Name: _____ |
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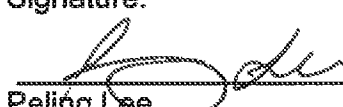

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| Signature: <u>Peling Lee</u> Date: _____ | Witnessed by: _____ Print Name: _____ |
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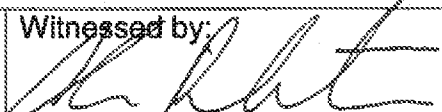
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| Signature: <u>Theodore W. Rogers</u> Date: _____ | Witnessed by: _____ Print Name: _____ |
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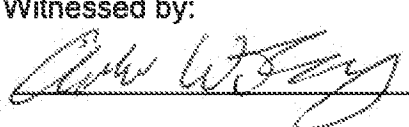
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| Signature: <u>John Ryan Steger</u> Date: _____ | Witnessed by: _____ Print Name: _____ |
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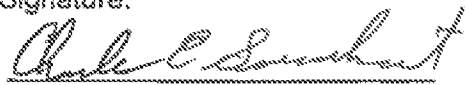
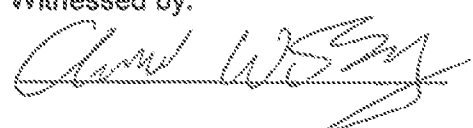
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| Signature: _____ Kenneth L. Gong | Witnessed by: _____ |
| Date _____ | Print Name _____ |

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| Signature: _____ Karnamadakala D. Krishnanand | Witnessed by: _____ |
| Date _____ | Print Name _____ |

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|--|--|
| Signature:  Peling Lee | Witnessed by:  |
| Date 4/2/14 | Print Name Michael Waldo |

| | |
|---|---|
| Signature:  Theodore W. Rogers | Witnessed by:  ALEC ROBERTSON |
| Date 4/2/14 | Print Name 4/2/14 |

| | |
|---|---|
| Signature:  John Ryan Steger | Witnessed by:  |
| Date 4/1/14 | Print Name Andrew Waterbury |

| | |
|---|---|
| Signature:  Charles E. Swinehart 4-1-2014 Date | Witnessed by:  Andrew Waterbury Print Name |
|---|---|