

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Prashant Chopra</td> <td>12/02/2011</td> </tr> <tr> <td>Caitlin Q. Donhowe</td> <td>12/02/2011</td> </tr> <tr> <td>Vincent Duindam</td> <td>12/02/2011</td> </tr> <tr> <td>Giuseppe Maria Prisco</td> <td>12/05/2011</td> </tr> </tbody> </table>		Name	Execution Date	Prashant Chopra	12/02/2011	Caitlin Q. Donhowe	12/02/2011	Vincent Duindam	12/02/2011	Giuseppe Maria Prisco	12/05/2011
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Prashant Chopra	12/02/2011										
Caitlin Q. Donhowe	12/02/2011										
Vincent Duindam	12/02/2011										
Giuseppe Maria Prisco	12/05/2011										
RECEIVING PARTY DATA											
Name:	Intuitive Surgical Operations, Inc.										
Street Address:	1266 Kifer Road										
Internal Address:	Building 101										
City:	Sunnyvale										
State/Country:	CALIFORNIA										
Postal Code:	94086										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13297066</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13297066						
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Application Number:	13297066										
CORRESPONDENCE DATA											
Fax Number:	(408)523-6845										
Phone:	408-523-2129										
Email:	patent.group@intusurg.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	PAT DEPT INTUITIVE SURGICAL OPERATIONS										
Address Line 1:	1266 KIFER RD										
Address Line 2:	BUILDING 101										
Address Line 4:	SUNNYVALE, CALIFORNIA 94086										
ATTORNEY DOCKET NUMBER:	ISRG03101CIP/US										
NAME OF SUBMITTER:	Anne Killingsworth										

CH \$40.00 13297066

Total Attachments: 4

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
ASSIGNMENT OF INVENTION AND PATENT RIGHTS

WHEREAS I/we:

Prashant Chopra
870 East El Camino Real
Sunnyvale, CA 94087

Caitlin Q. Donhowe
685 Lakebird Drive
Sunnyvale, CA 94089

Vincent Duindam
~~4395 Piedmont Ave., Apt 309~~
~~Oakland, CA 94611~~

2005 CALIFORNIA ST. APT 5
MOUNTAIN VIEW, CA 94040  11/17/2011

Giuseppe Maria Prisco
347 Sierra Vista Ave., #3
Mountain View, CA 94043

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

**METHOD AND SYSTEM FOR DETERMINING INFORMATION OF EXTREMA
DURING EXPANSION AND CONTRACTION CYCLES OF AN OBJECT**

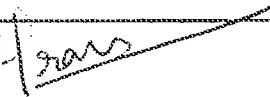
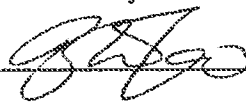
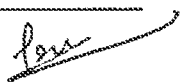
for which application for Letters Patent in the United States was filed under
Application No. 13/297066 on November 15, 2011.

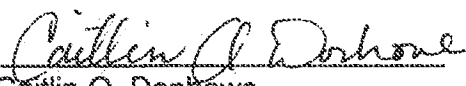
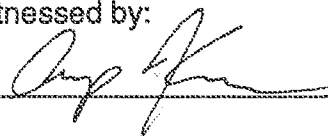
For good and valuable consideration, receipt of which is hereby
acknowledged, I/WE hereby sell, assign, and transfer to:

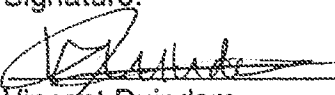
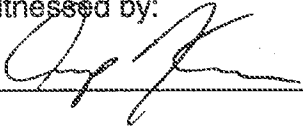
Intuitive Surgical Operations, Inc.

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: <u></u> Prashant Chopra	Witnessed by: <u></u>
Date <u>12/02/2011</u> <u></u>	Print Name <u>TAO ZHAO</u>

Signature: <u></u> Caitlin Q. Donhove	Witnessed by: <u></u>
Date <u>12/2/11</u>	Print Name <u>Anoop Kowshik</u>

Signature: <u></u> Vincent Duindam	Witnessed by: <u></u>
Date <u>12/2/11</u>	Print Name <u>Anoop Kowshik</u>

Signature: _____ Giuseppe Maria Prisco	Witnessed by: _____
Date _____	Print Name _____

Atty Dkt. No. ISRG03101CIP/US

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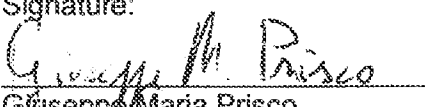
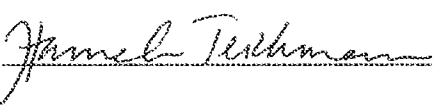
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of priority resulting from the filing of said applications; I/we authorize the above-
named assignee to apply for patents of every country and region for said

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: Prashant Chopra	Witnessed by:
Date	Print Name

Signature: Caitlin Q. Donhowe	Witnessed by:
Date	Print Name

Signature: Vincent Duindam	Witnessed by:
Date	Print Name

Signature:  Giuseppe Maria Prisco	Witnessed by: 
Date 12/5/2011	Print Name Hannah Teichmann