

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Wenyi Zhao</td> <td>04/08/2009</td> </tr> <tr> <td>Chenyu Wu</td> <td>04/08/2009</td> </tr> <tr> <td>David Hirvonen</td> <td>04/24/2009</td> </tr> <tr> <td>Tao Zhao</td> <td>04/08/2009</td> </tr> <tr> <td>Brian D. Hoffman</td> <td>04/14/2009</td> </tr> <tr> <td>Simon DiMaio</td> <td>04/08/2009</td> </tr> </tbody> </table>		Name	Execution Date	Wenyi Zhao	04/08/2009	Chenyu Wu	04/08/2009	David Hirvonen	04/24/2009	Tao Zhao	04/08/2009	Brian D. Hoffman	04/14/2009	Simon DiMaio	04/08/2009
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CORRESPONDENCE DATA															
<p>Fax Number: (408)523-6845</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 4085232270</p> <p>Email: patent.group@intusurg.com</p> <p>Correspondent Name: Anne Killingsworth</p> <p>Address Line 1: 1266 Kifer Road</p> <p>Address Line 2: Bldg. 101</p> <p>Address Line 4: Sunnyvale, CALIFORNIA 94086</p>															
ATTORNEY DOCKET NUMBER:	ISRG01970/US														

CH \$40.00 12465029

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PATENT
REEL: 022677 FRAME: 0179

NAME OF SUBMITTER:

Anne Killingsworth

Total Attachments: 5

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ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS I/we:

WENYI ZHAO
49 SHOWERS DRIVE #H447
MOUNTAIN VIEW, CALIFORNIA 94040
UNITED STATES

CHENYU WU
2005 CALIFORNIA STREET APT 9
MOUNTAIN VIEW, CALIFORNIA 94040
UNITED STATES

DAVID HIRVONEN
82 S 4TH ST APT 3C
BROOKLYN, NEW YORK 11211
UNITED STATES

TAO ZHAO
330 N. MATHILDA AVE #306
SUNNYVALE, CALIFORNIA 94085
UNITED STATES

BRIAN D. HOFFMAN
1051 HUDSON WAY
SUNNYVALE, CALIFORNIA 94087
UNITED STATES

SIMON DIMAIO
976 PONDEROSA AVE #A
SUNNYVALE, CALIFORNIA 94086
UNITED STATES

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



ROBUST SPARSE IMAGE MATCHING FOR ROBOTIC SURGERY

for which application for Letters Patent in the United States is to be filed or was filed
under Application No. _____ on _____.

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

Intuitive Surgical, 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, 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. I hereby authorize and request my attorney to insert here in parentheses (____/____,____; _____) the application number and filing date of said application when known.

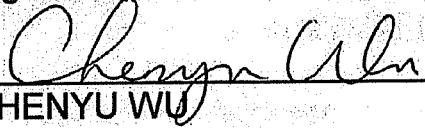

<p>Signature: _____</p> <p> WENYI ZHAO</p> <p>_____</p> <p>6/1/8/2009</p> <p>Date _____</p>	<p>Witnessed by: _____</p> <p> TAO ZHAO</p> <p>_____</p> <p>Print Name</p>
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Signature: _____	Witnessed by: _____
CHENYU WU	
_____ Date	_____ Print Name

Signature: _____ DAVID HIRVONEN _____ Date	Witnessed by: _____ _____ Print Name
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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, 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. I hereby authorize and request my attorney to insert here in parentheses (____/____,____; _____) the application number and filing date of said application when known.

Signature: WENYI ZHAO	Witnessed by:
Date	Print Name

Signature:  CHENYU WU	Witnessed by: 
Date 4/8/2009	Print Name CHUNYU GAO

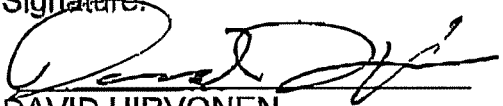
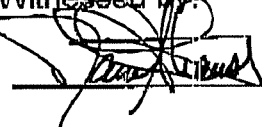
Signature: DAVID HIRVONEN	Witnessed by:
Date	Print Name


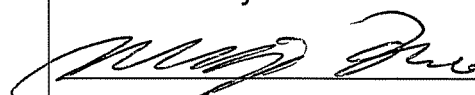
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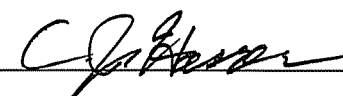
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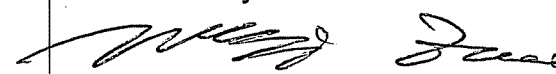
Signature: _____ WENYI ZHAO _____ Date	Witnessed by: _____ _____ Print Name
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Signature: _____ CHENYU WU _____ Date	Witnessed by: _____ _____ Print Name
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Signature:  DAVID HIRVONEN 4/24/2009 Date	Witnessed by:  _____ David Strauss Print Name
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Signature: <u></u> TAO ZHAO Date <u>4/8/2009</u>	Witnessed by: <u></u> <u>WENYI ZHAO</u> Print Name
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Signature: <u></u> BRIAN D. HOFFMAN Date <u>4/14/09</u>	Witnessed by: <u></u> <u>Chris Hasser</u> Print Name
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Signature: <u></u> SIMON DIMAIO Date <u>4/8/09</u>	Witnessed by: <u></u> <u>WENYI ZHAO</u> Print Name
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