

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<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>Tao Zhao</td> <td>03/20/2009</td> </tr> <tr> <td>Wenyi Zhao</td> <td>03/20/2009</td> </tr> <tr> <td>Daniel J. Halabe</td> <td>03/20/2009</td> </tr> <tr> <td>Brian D. Hoffman</td> <td>03/26/2009</td> </tr> <tr> <td>William C. Nowlin</td> <td>03/26/2009</td> </tr> </tbody> </table>		Name	Execution Date	Tao Zhao	03/20/2009	Wenyi Zhao	03/20/2009	Daniel J. Halabe	03/20/2009	Brian D. Hoffman	03/26/2009	William C. Nowlin	03/26/2009
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Intuitive Surgical, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1266 Kifer Road</td> </tr> <tr> <td>Internal Address:</td> <td>Bldg. 101</td> </tr> <tr> <td>City:</td> <td>Sunnyvale</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94086</td> </tr> </table>		Name:	Intuitive Surgical, Inc.	Street Address:	1266 Kifer Road	Internal Address:	Bldg. 101	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94086
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<b>PROPERTY NUMBERS Total: 1</b>													
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (408)523-6845  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 4085232270        Email: patent.group@intusurg.com</p> <p>Correspondent Name: Anne Killingsworth        Address Line 1: 1266 Kifer Road        Address Line 2: Bldg. 101        Address Line 4: Sunnyvale, CALIFORNIA 94086</p>													
ATTORNEY DOCKET NUMBER:	ISRG01480/US												

CH \$40.00 12428657

**500842429**

**PATENT**  
**REEL: 022587 FRAME: 0375**

NAME OF SUBMITTER:

Anne Killingsworth

Total Attachments: 3

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**ASSIGNMENT OF APPLICATION FOR PATENT**

WHEREAS I/we:

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

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

DANIEL J. HALABE  
932 ST JOSEPH AVE  
LOS ALTOS, CALIFORNIA 94024

BRIAN D. HOFFMAN  
1051 HUDSON WAY  
SUNNYVALE, CALIFORNIA 94087

WILLIAM C. NOWLIN  
1751 OAK AVE.  
LOS ALTOS, CALIFORNIA 94024

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

**FIDUCIAL MARKER DESIGN AND DETECTION FOR LOCATING SURGICAL  
INSTRUMENT IN IMAGES**


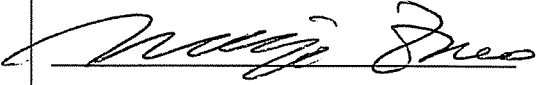
for which application for Letters Patent in the United States is to be filed.

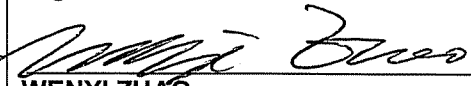
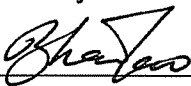
For good and valuable consideration, receipt of which is hereby  
acknowledged, I/WE hereby sell, assign, and transfer to:

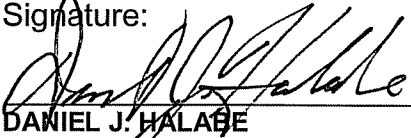

Intuitive Surgical, Inc.

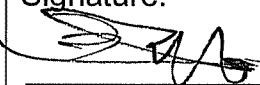

a Delaware corporation having a place of business at 1266 KIFER RD, BLDG  
101, SUNNYVALE, CALIFORNIA 94086 and its successors and assigns, the  
entire right, title, and interest throughout the world in MY/OUR invention, for  
which I/WE have executed the above mentioned United States patent  
application, 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 (12/428,657; April 23, 2009) the application number and filing date of said application when known.

Signature: <u></u> TAO ZHAO Date <u>3/20/09</u>	Witnessed by: <u></u> WENYI ZHAO Print Name
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Signature: <u></u> WENYI ZHAO Date <u>03/20/2009</u>	Witnessed by: <u></u> TAO ZHAO Print Name
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Signature: <u></u> DANIEL J. HALABE Date <u>3/20/09</u>	Witnessed by: <u></u> Simon Dimaio 3/20/09 Print Name
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Signature: <u></u> BRIAN D. HOFFMAN Date <u>3/26/09</u>	Witnessed by: <u></u> WILLIAM C. NOWLIN Print Name
--	--

Signature:

William C Nowlin  
WILLIAM C. NOWLIN

3/26/09  
Date

Witnessed by:

[Signature]

BRIAN HOFFMAN  
Print Name