

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>Yulun Wang</td><td>04/19/2000</td></tr><tr><td>Charles S. Jordan</td><td>04/06/2000</td></tr><tr><td>Darrin R. Uecker</td><td>04/06/2000</td></tr><tr><td>Charles C. Wooters</td><td>04/06/2000</td></tr><tr><td>Intuitive Surgical, Inc.</td><td>11/07/2006</td></tr></tbody></table>	Name	Execution Date	Yulun Wang	04/19/2000	Charles S. Jordan	04/06/2000	Darrin R. Uecker	04/06/2000	Charles C. Wooters	04/06/2000	Intuitive Surgical, Inc.	11/07/2006	
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Charles C. Wooters	04/06/2000												
Intuitive Surgical, Inc.	11/07/2006												
RECEIVING PARTY DATA													
<table border="1"><tr><td>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>Legal Department-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:	Legal Department-Bldg 101	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94086	
Name:	Intuitive Surgical, Inc.												
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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>11166677</td></tr></tbody></table>	Property Type	Number	Application Number:	11166677									
Property Type	Number												
Application Number:	11166677												
CORRESPONDENCE DATA													
Fax Number: (877)769-7945 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: (650) 839-5070													
Email: Leung@fr.com													
Correspondent Name: Andrew H. Leung													
Address Line 1: FISH & RICHARDSON P.C.													
Address Line 2: P.O.BOX 1022													
Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022													
ATTORNEY DOCKET NUMBER:	11030-008005												

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PATENT
REEL: 018492 FRAME: 0377

NAME OF SUBMITTER:

Mi Kyong Shin

Total Attachments: 8

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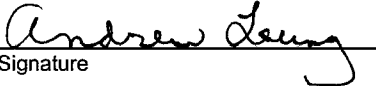
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RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Yulun Wang, Charles S. Jordan, Darrin R. Uecker and Charles C. Wooters Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Intuitive Surgical, Inc. Legal Department- Bldg 101 1266 Kifer Road Sunnyvale, CA 94086 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 4/19/2000, 4/6/2000, 4/6/2000, 4/6/2000	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s).: 11/166,677 B. Patent No(s).: Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: Customer No. 26181	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> Andrew H. Leung Reg. No. 55,374 Name of Person Signing  Signature 11/7/2006 Date	
Total number of pages including coversheet, attachments and document: 8	

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ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Yulun Wang; Charles S. Jordan; Darrin R. Uecker; Charles C. Wooters

hereby sell, assign, and transfer to:

Computer Motion, Inc.

a California corporation, having a principal place of business at 130-B Cremona Drive, Goleta, California 93117 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent which was filed on July 15, 1999 and assigned Application No. 09/354,944 and is entitled:

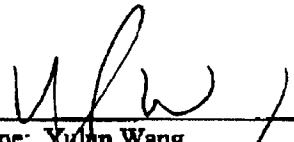
GENERAL PURPOSE DISTRIBUTED OPERATING ROOM CONTROL SYSTEM

and in and to said application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States application, and in all subsequent PCT and foreign applications claiming priority to the United States application;


agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said

improvements, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 4/19/00;


Name: Yidian Wang

Date: 4/6/00


Name: Charles S. Jordan

Date: 4/6/00


Name: Darrin R. Uecker

Date: _____

Name: Charles C. Wooters

Assignment Document Return Address:
Irell & Manella LLP
840 Newport Center Drive, Suite 400
Newport Beach, CA 92660
Telephone: 949-760-0991

improvements, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: _____

Name: Yulun Wang

Date: _____

Name: Charles S. Jordan

Date: _____

Name: Darrin R. Uecker

Date: 4-6-00



Name: Charles C. Woofers

Assignment Document Return Address:
Irell & Manella LLP
840 Newport Center Drive, Suite 400
Newport Beach, CA 92660
Telephone: 949-760-0991

ASSIGNMENT

WHEREAS, Computer Motion, Inc., of 950 Kifer Road, Sunnyvale, CA 94086, a Delaware corporation, hereinafter referred to as "ASSIGNOR," is the owner of all rights in certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: AUTOMATED ENDOSCOPE SYSTEM FOR
OPTIMAL POSITIONING

Filing Date: September 1, 2004

Serial No.: 10/932,747

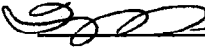
WHEREAS, Intuitive Surgical, Inc., 950 Kifer Road, Sunnyvale, CA 94086, a Delaware corporation, hereinafter referred to as "ASSIGNEE," wants to acquire an interest in the invention and application and in any Letters Patent and Registrations that may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby authorizes and requests Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, this Assignment is executed this 15th day of November, 2004.

By: 
Name: Susan Barnes
Title: President

Schedule A
(as attached to PTO/SB/82)

	Application No. Filing Date	Patent No. Issue Date	Title	Attorney Docket No.
1.	07/174653 03/29/1988	5019968 05/28/1991	Three Dimensional Vector Processor	022001-000100US
2.	07/553884 07/16/1990	5187796 02/16/1993	Three Dimensional Vector Co-Processor Having I, J, and K Register Files and I, J, K Execution Units	022001-000110US
3.	08/305415 09/13/1994	5515478 05/07/1996	Automated Endoscope System for Optimal Positioning	022001-000200US
4.	08/768103 12/16/1999	5754741 05/19/1998	Automated Endoscope System for Optimal Positioning	022001-000210US
5.	08/072982 06/03/1993	5524180 06/04/1996	Automated Endoscope System for Optimal Positioning	022001-000220US
6.	08/613866 03/11/1996	5907664 05/25/1999	Automated Endoscope System for Optimal Positioning	022001-000221US
7.	08/903955 07/31/1997	5841950 11/24/1998	Automated Endoscope System for Optimal Positioning	022001-000222US
8.	08/903914 07/31/1997	5815640 09/29/1998	Automated Endoscope System for Optimal Positioning	022001-000223US
9.	08/481926 06/06/1995	5657429 08/12/1997	Automated Endoscope System for Optimal Positioning	022001-000230US
10.	08/732015 10/16/1996	5878193 03/02/1999	Automated Endoscope System for Optimal Positioning	022001-000231US
11.	09/996419 11/28/2001	6804581 10/12/2004	Automated Endoscope System for Optimal Positioning	022001-000233US
12.	08/346537 11/29/1994	5553198 09/03/1996	Automated Endoscope System for Optimal Positioning	022001-000241US
13.	08/529095 09/15/1995	5825982 10/20/1998	Head Cursor Control Interface for an Automated Endoscope System for Optimal Positioning	022001-000330US
14.	08/904047 07/31/1997	5911036 06/08/1999	Head Cursor Control Interface for an Automated Endoscope System for Optimal Positioning	022001-000331US
15.	09/179039 10/26/1998	6714841 03/30/2004	Head Cursor Control Interface for an Automated Endoscope System for Optimal Positioning	022001-000332US
16.	08/310665 09/22/1994	6463361 10/08/2002	Speech Interface for an Automated Endoscopic System	022001-000400US
17.	10/095488 03/11/2002		Speech Interface for an Automated Endoscopic System	022001-000401US
18.	08/322788 10/12/1994	5645520 07/08/1997	Shape Memory Alloy Actuated Rod for Endoscopic Instruments	022001-000500US
19.	08/603543 02/20/1996	5762458 06/09/1998	Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000800US
20.	09/000703 12/30/1997	6244809 06/12/2001	Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000802US
21.	09/000933 12/30/1997	6001108 12/14/1999	Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000803US
22.	09/014698 01/28/1998	5971976 10/26/1999	Motion Minimalization and Compensation System for Use in Surgical Procedures	022001-000805US
23.	10/067730 02/04/2002		Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000811US
24.	09/953418 09/14/2001		Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000820US

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	Application No. Filing Date	Patent No. Issue Date	Title	Attorney Docket No.
25.	08/755063 11/22/1996	5855583 01/05/1999	Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000830US
26.	09/168527 10/08/1998	6007550 12/28/1999	Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000831US
27.	10/289740 11/06/2002		Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000833US
28.	08/873190 08/15/2000	6102850 08/15/2000	Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000840US
29.	09/557950 04/24/2000	6699177 03/02/2004	Method and Apparatus for Performing Minimally Invasive Surgical Procedures	022001-000841US
30.	10/339077 01/07/2003		Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000842US
31.	10/737195 12/15/2003		Medical Robotic Arm that is Attached to an Operating Table	022001-000843US
32.	10/313810 12/06/2002		Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000845US
33.	09/156994 09/18/1998	6063095 05/16/2000	Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000853US
34.	09/262134 03/03/1999	6436107 08/20/2002	Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000854US
35.	09/000934 12/30/1997		Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000860US
36.	10/241139 09/10/2002		Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000861US
37.	10/241143 09/10/2002		Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000862US
38.	10/310579 12/04/2002		Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000864US
39.	10/310405 12/04/2002		Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000865US
40.	10/310536 12/04/2002		Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000866US
41.	10/317890 12/11/2002		Method and Apparatus for Performing Minimally Invasive Cardiac Procedures	022001-000867US
42.	08/929024 09/15/1997		Multi-Functional Surgical Control System and Switching Interface	022001-000901US
43.	10/722837 11/26/2003		Multi-Functional Surgical Control System and Switching Interface	022001-000902US
44.	08/693352 08/06/1996	6646541 11/11/2003	General Purpose Distributed Operating Room Control System	022001-000910US
45.	08/958916 10/28/1997	6642836 11/04/2003	General Purpose Distributed Operating Room Control System	022001-000911US
46.	09/354944 07/15/1999	6496099 12/17/2002	General Purpose Distributed Operating Room Control System	022001-000920US
47.	10/315893 12/09/2002		General Purpose Distributed Operating Room Control System	022001-000921US
48.	09/615641 07/13/2000		Method and Apparatus for Accessing Medical Data Over a Network	022001-000930US

Schedule A
(as attached to PTO/SB/82)

	Application No. Filing Date	Patent No. Issue Date	Title	Attorney Docket No.
49.	10/666922 09/18/2003		General Purpose Distributed Operating Room Control System	022001-000940US
50.	09/287860 04/07/1999	6132441 10/17/2000	Rigidly-Linked Articulating Wrist With Decoupled Motion Transmission	022001-001000US
51.	10/013170 12/07/2001		Rigidly-Linked Articulating Wrist With Decoupled Motion Transmission	022001-001001US
52.	09/411442 10/01/1999		Heart Stabilizer	022001-001300US
53.	09/870331 05/29/2001		Heart Stabilizer	022001-001310US
54.	09/675824 09/29/2000		Heart Stabilizer Support Arm	022001-001500US
55.	09/639489 08/15/2000	6726699 04/27/2004	Universal Instrument Guide or Cannula for Endoscopic Surgery	022001-001600US
56.	09/458175 12/09/1999	6591239 07/08/2003	Voice Controlled Surgical Suite	022001-001700US
57.	10/411651 04/10/2003		Pivot Point Arm for a Robotic System Used to Perform a Surgical Procedure	022001-001910US
58.	09/935555 08/21/2001		Robotically Controlled Surgical Instrument, Visual Force-Feedback	022001-002000US
59.	09/949050 09/07/2001	6728599 04/27/2004	Modularity System for Computer Assisted Surgery	022001-002100US
60.	10/423432 04/24/2003	6785593 08/31/2004	Modularity System for Computer Assisted Surgery	022001-002110US
61.	10/418403 04/17/2003		Modularity System for Computer Assisted Surgery	022001-002120US
62.	10/423429 04/24/2003		Modularity System for Computer Assisted Surgery	022001-002121US
63.	10/423431 04/24/2003	6799088 09/28/2004	Modularity System for Computer Assisted Surgery	022001-002122US
64.	10/423428 04/24/2003		Modularity System for Computer Assisted Surgery	022001-002123US
65.	10/012602 12/08/2001	6793653 09/21/2004	Multifunctional Handle for a Medical Robotic	022001-002200US
66.	10/013067 12/07/2001		Microwrist System for Surgical Procedures	022001-002300US
67.	10/006905 11/07/2001	6730021 05/04/2004	Tissue Spreader with Force Measurement, Force Indication or Force Limitation	022001-002600US
68.	10/051796 01/16/2002		Minimally Invasive Surgical Training Using Robotics and Tele-Collaboration	022001-002700US
69.	10/246236 09/17/2002		Tele-Medicine System that Transmits an Entire State of a Subsystem	022001-002710US
70.	10/460382 06/11/2003		Surgical Instrument With a Universal Wrist	022001-002800US