04-19-2000

Additional name(s) of conveying parties attached? Yes No.	Patent and Trademark Office Ame and address of receiving party(ies) Name: Intuitive Surgical, Inc. Street Address: 1340 West Middleffeld Road City: Mountain View State: California ZIP: 94043 dditional names and addresses attached Yes No
Gunter D. Niemeyer Additional name(s) of conveying parties attached? Yes No.	Name: Intuitive Surgical, Inc. Street Address: 1340 West Middlefteld Road City: Mountain View State: California ZIP: 94043
4. Application Number(s) or Patent Numbers. If this document is being filed together with a new application, the exc. A. Patent Application No(s): 09/457,406 B. Additional numbers attached? Yes No. 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Mark D. Barrish	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Mark D. Barrish	eution date of the application is: Patent No(s):
Name: Mark D. Barrish TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8 th Floor San Francisco, California 94111-3834 (650) 326-2400 B DO NOT USE THIS 3. Statement and signature. To the best of my knowledge and belief, the foregoing is true and original document. Mark D. Barrish Name of Person Signing Signature	otal number of applications and patents involved: One (1
9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and original document. Mark D. Barrish Name of Person Signing Signature	otal fee (37 CFR 3.41): \$40.00 Enclosed
To the best of my knowledge and belief, the foregoing is true and original document. Mark D. Barrish Name of Person Signing Signature	PACE
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10. Change Correspondence Address to that of Part 5? Yes	Date 2 2 9 600
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Mail documents to be recorded with required cover to: 9/2000 TT0N11 00000069 201430 09457406 Asst. Commissioner fo Box: Assignment C:581 40.00 CH Washington, D.C.	

PATENT REEL: 010697 FRAME: 0641

Attorney Docket No.: 17516-002710

ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, GUNTER D. NIEMEYER, of 111 North Rengstorff Avenue, Apt. 135, Mountain View, California 94043, hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

IMAGE SHIFTING APPARATUS
AND METHOD FOR A
TELEROBOTIC SYSTEM

Pebruary 2, 2000

Filing Date:

December 7, 1999

Application No.:

09/457,406; and

WHEREAS, Intuitive Surgical, Inc., a corporation of the state of Delaware, located at 1340 West Middlefield Road, Mountain View, California 94043, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S Letters Patent and Registrations which 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 any patent application claiming priority from 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 applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain

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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, 8th Floor, San Francisco, California 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

GUNTER D. NIEMENER

Dated: 2/2/2000

RECORDED: 04/19/2000

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PATENT REEL: 010697 FRAME: 0643