

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4623496

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DONALD A. COELHO, JR.	08/30/2017
JOHN CONIDI	08/28/2017
PETER MAUGHAN CRAPO	08/28/2017
AUGUSTUS FELIX	08/28/2017
IAN K. PARKER	09/05/2017
DEVANG VIJAY SHAH	08/30/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	C.R. BARD, INC.
<b>Street Address:</b>	730 CENTRAL AVENUE
<b>City:</b>	MURRAY HILL
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07974
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15676834
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)646-8646
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	617-646-8000
<b>Email:</b>	patents_JohnH@wolfgreenfield.com
<b>Correspondent Name:</b>	WOLF GREENFIELD & SACKS, P.C.
<b>Address Line 1:</b>	600 ATLANTIC AVENUE
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02210
<b>ATTORNEY DOCKET NUMBER:</b>	D0188.70317US00
<b>NAME OF SUBMITTER:</b>	JOHN HARMON
<b>SIGNATURE:</b>	/John Harmon/
<b>DATE SIGNED:</b>	10/03/2017
<b>Total Attachments: 16</b>	

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## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to **C.R. Bard, Inc.**, a Delaware Corporation having a place of business at **730 Central Avenue, Murray Hill, New Jersey 07974**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the patent application for United States Letters Patent filed in the United States Patent and Trademark Office on **August 14, 2017** under No. **15/676,834**, bearing Attorney Docket No. **D0188.70317US00**, and entitled **SURGICAL DEVICE FOR USE WITH ROBOTIC SURGICAL SYSTEMS**, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and

6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

7/30/17  
Date

[Signature]  
Inventor: Donald A. Coelho, Jr.

Address: 511 Lake Street

Bellingham, Massachusetts 02019

Citizenship: US

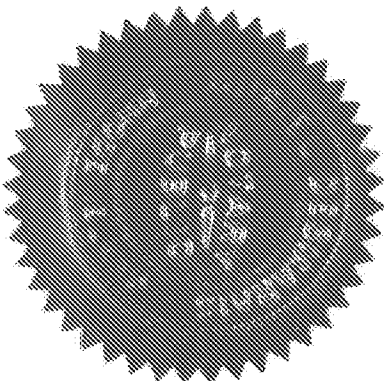
STATE/Commonwealth of Rhode Island  
COUNTY OF Kent:

On this 30th day of AUGUST, 2017, before me, the undersigned notary public,  
personally appeared Donald A. Coelho, Jr., proved to me through satisfactory evidence of  
identification, which were PERSONALLY KNOWN,  
to be the person who signed the preceding or attached document in my presence and swore or affirmed  
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

[Signature]  
Notary Public

My commission expires: 06/29/21



.....  
Date

.....  
Inventor: John Conidi

Address: 76 Broad Street

Plainville, Massachusetts 02762

Citizenship: US

STATE/Commonwealth of .....

COUNTY OF .....

On this ..... day of ....., ....., before me, the undersigned notary public,  
personally appeared ..... John Conidi ....., proved to me through satisfactory evidence of  
identification, which were .....

to be the person who signed the preceding or attached document in my presence and swore or affirmed  
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

.....  
Notary Public

My commission expires: .....

28-Aug-2017  
Date

[Signature]  
Inventor: Peter Maughan Crapo

Address: 90 Clearview Drive

North Kingstown, Rhode Island 02852

Citizenship: US

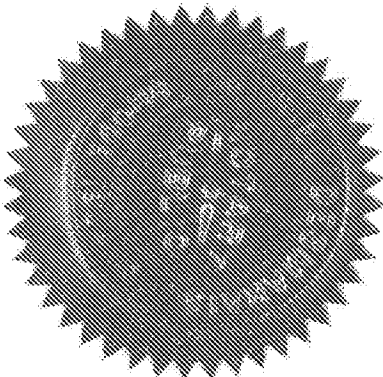
STATE/Commonwealth of Rhode Island  
COUNTY OF Kent:

On this 28th day of AUGUST, 2017, before me, the undersigned notary public,  
personally appeared Peter Maughan Crapo, proved to me through satisfactory evidence of  
identification, which were PERSONALLY KNOWN,  
to be the person who signed the preceding or attached document in my presence and swore or affirmed  
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

[Signature]  
Notary Public

My commission expires: 06/29/21



8/28/2017  
Date

Augustus Felix  
Inventor: Augustus Felix  
Address: 75 Chicory Lane  
Cranston, Rhode Island 02921  
Citizenship: US

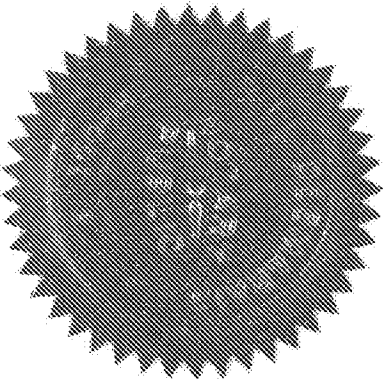
STATE/Commonwealth of Rhode Island  
COUNTY OF Kent:

On this 28th day of August, 2017, before me, the undersigned notary public,  
personally appeared Augustus Felix, proved to me through satisfactory evidence of  
identification, which were Personally Known,  
to be the person who signed the preceding or attached document in my presence and swore or affirmed  
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Muriel Desmarais  
Notary Public

My commission expires: 06/29/21





9/5/2017  
Date

Ian K. Parker  
Inventor: Ian K. Parker

Address: 87 Woodlawn Avenue  
Bristol, Rhode Island 02809

Citizenship: US

STATE/Commonwealth of Rhode Island  
COUNTY OF Kent:

On this 5th day of September, 2017, before me, the undersigned notary public,  
personally appeared Ian K. Parker, proved to me through satisfactory evidence of  
identification, which were Personally known,  
to be the person who signed the preceding or attached document in my presence and swore or affirmed  
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Murphy's  
Notary Public

My commission expires: 06/29/21

08/30/2017  
Date

[Signature]  
Inventor: Devang Vijay Shah  
Address: 45 October Drive  
Franklin, Massachusetts 02038  
Citizenship: US

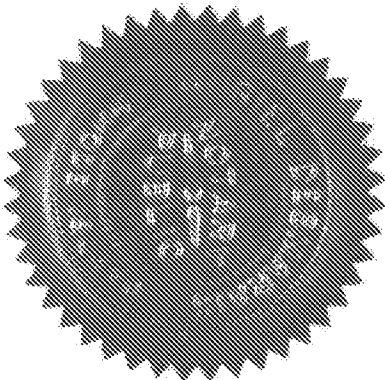
STATE/Commonwealth of Rhode Island  
COUNTY OF Kent

On this 30th day of AUGUST, 2017, before me, the undersigned notary public,  
personally appeared Devang Vijay Shah, proved to me through satisfactory evidence of  
identification, which were PERSONALLY KNOWN,  
to be the person who signed the preceding or attached document in my presence and swore or affirmed  
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
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SEAL

[Signature]  
Notary Public

My commission expires: 06/29/21



## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to **C.R. Bard, Inc.**, a Delaware Corporation having a place of business at **730 Central Avenue, Murray Hill, New Jersey 07974**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the patent application for United States Letters Patent filed in the United States Patent and Trademark Office on **August 14, 2017** under No. **15/676,834**, bearing Attorney Docket No. **D0188.70317US00**, and entitled **SURGICAL DEVICE FOR USE WITH ROBOTIC SURGICAL SYSTEMS**, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and

6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

.....  
Date

.....  
Inventor: Donald A. Coelho, Jr.

Address: 511 Lake Street

Bellingham, Massachusetts 02019

Citizenship: US

STATE/Commonwealth of .....

County of .....  
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and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

.....  
Notary Public

My commission expires: .....

28 August 2017  
Date

John Conidi  
Inventor: John Conidi

Address: 76 Broad Street

Plainville, Massachusetts 02762

Citizenship: US

STATE/Commonwealth of Massachusetts  
COUNTY OF Bristol:

On this 28 day of August, 2017, before me, the undersigned notary public,  
personally appeared John Conidi, proved to me through satisfactory evidence of  
identification, which were personally known to me,  
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to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.



Amy Pelletier  
Notary Public  
1-5-2018

Date

Inventor: Peter Maughan Crapo

Address: 90 Clearview Drive

North Kingstown, Rhode Island 02852

Citizenship: US

STATE/COMMONWEALTH OF

COUNTY OF

On this \_\_\_\_\_ day of \_\_\_\_\_, before me, the undersigned notary public,  
personally appeared Peter Maughan Crapo, proved to me through satisfactory evidence of  
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SEAL

\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_

.....  
Date

.....  
Inventor: Augustus Felix

Address: 75 Chicory Lane

Cranston, Rhode Island 02921

Citizenship: US

STATE/Commonwealth of .....

COUNTY OF .....  
.....

On this ..... day of ....., before me, the undersigned notary public,  
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SEAL

.....  
Notary Public

My commission expires: .....



.....  
Date

.....  
Inventor: Ian K. Parker

Address: 87 Woodlawn Avenue

Bristol, Rhode Island 02809

Citizenship: US

STATE/COMMONWEALTH OF .....

COUNTY OF .....:

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SEAL

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Notary Public

My commission expires: .....

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Date

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Inventor: Devang Vijay Shah

Address: 45 October Drive

Franklin, Massachusetts 02038

Citizenship: US

STATE/Commonwealth of .....

COUNTY OF .....;

On this ..... day of ....., before me, the undersigned notary public,  
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Notary Public

My commission expires: .....