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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEVIN J. RANUCCI	03/13/2013
NATHAN STEWART CAULDWELL	03/13/2013
AUGUSTUS FELIX	03/13/2013

RECEIVING PARTY DATA

Name:	C.R. BARD, INC.
Street Address:	730 CENTRAL AVENUE
City:	MURRAY HILL
State/Country:	NEW JERSEY
Postal Code:	07974

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	15097683
Application Number:	15981285

CORRESPONDENCE DATA

Fax Number: (617)646-8646

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.

Phone: 617-646-8000

Email: patents_JohnH@wolfgreenfield.com **Correspondent Name:** WOLF GREENFIELD & SACKS, P.C.

Address Line 1: **600 ATLANTIC AVENUE**

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	D0188.70271US01;70271US02	
NAME OF SUBMITTER:	JOHN HARMON	
SIGNATURE:	/John Harmon/	
DATE SIGNED:	05/29/2018	

Total Attachments: 4

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> **PATENT REEL: 045920 FRAME: 0206** 504934047

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PATENT REEL: 045920 FRAME: 0207

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 application for United States Letters Patent filed Concurrently Herewith, bearing Attorney Docket No. D0188.70271US00, and entitled POWER ASSIST DEVICE FOR A SURGICAL INSTRUMENT, 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 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, 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:
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I 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, 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 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 for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/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.

Attorney Docket No. D0188.70271US00

Page 1 of 4

Addiess.	200 Sieepy Hollow Falm Road
	Warwick, Rhode Island 02886
Citizenship:	US
STATE/COMMONWEALTH OF Rhode Is	land
On this 3 day of March 20 personally appeared Kevin J. Ranucci identification, which were Personally to be the person who signed the preceding or attached to me that the contents of the document are truthful and and belief and acknowledged to me that (he) (she) signed	accurate to the best of (his) (her) knowledge
SEAL MULL DES	marais
My commission expires: 06/29//3	3

Inventor: Kevin J. Ranucci

March 13, 2013

3/13/2013	Miller Steward Cullilly 3+3-2013
Date Inventor:	Nathan Stewart Cauldwell
Address:	880 East Street
	Mansfield, Massachusetts 02048
Citizenship:	US
STATE/COMMONWEALTH OF Rhode Is	sland
On this 13 day of March, 20 personally appeared Nathan Stewart Cauldwell identification, which were	p/3, before me, the undersigned notary public, proved to me through satisfactory evidence of
to be the person who signed the preceding or attached	
to me that the contents of the document are truthful and	
and belief and acknowledged to me that (he) (she) sign	ed it voluntarily for its stated purpose.
SEAL MULL Desm	MANOUS

My commission expires:

3 13 2013	Augusto Lelly
Date	Inventor: Augustus Felix
	Address: 75 Chicory Lane
. •	Cranston, Rhode Island 02921
	Citizenship: US
STATE/COMMONWEALTH OF COUNTY OF Kent	Rhode Island
On this 13 day of Ma	rch , 20/3 , before me, the undersigned notary public,
	ustus Felix , proved to me through satisfactory evidence of
	sonally Known,
1	seding or attached document in my presence and swore or affirmed
	ent are truthful and accurate to the best of (his) (her) knowledge
	hat (he) (she) signed it voluntarily for its stated purpose.
SEAL	Ω Ω Ω Ω Ω Ω
<u> </u>	Notary Public
Min commission expires:	2/2-/