

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
CONMED Corporation	06/11/2013
RECEIVING PARTY DATA	
Name:	JPMorgan Chase Bank, N.A., as Administrative Agent
Street Address:	1111 Fannin Street
Internal Address:	Floor 10
City:	Houston
State/Country:	TEXAS
Postal Code:	77002
PROPERTY NUMBERS Total: 82	
Property Type	Number
Patent Number:	5538509
Patent Number:	5674523
Patent Number:	5727770
Patent Number:	5749889
Patent Number:	5752938
Patent Number:	5782774
Patent Number:	5791349
Patent Number:	5800685
Patent Number:	5830212
Patent Number:	5853392
Patent Number:	5941852
Patent Number:	6016445
Patent Number:	6058325
Patent Number:	6062429

Patent Number:	6093176
Patent Number:	6095987
Patent Number:	6148857
Patent Number:	6171072
Patent Number:	6228058
Patent Number:	6253103
Patent Number:	6258065
Patent Number:	6292689
Patent Number:	6364853
Patent Number:	6375625
Patent Number:	6511479
Patent Number:	6517549
Patent Number:	6520972
Patent Number:	6658277
Patent Number:	6726663
Patent Number:	6830569
Patent Number:	6835082
Patent Number:	6860869
Patent Number:	6875210
Patent Number:	6899697
Patent Number:	6918902
Patent Number:	6939347
Patent Number:	6942660
Patent Number:	6948503
Patent Number:	6989003
Patent Number:	7001382
Patent Number:	7027850
Patent Number:	7045559
Patent Number:	7056303
Patent Number:	7060035
Patent Number:	7235071
Patent Number:	7317954
Patent Number:	7317955
Patent Number:	7344519
Patent Number:	7473243

	7540871
Patent Number:	7668604
Patent Number:	7678105
Patent Number:	7697997
Patent Number:	7736358
Patent Number:	7799020
Patent Number:	7816412
Patent Number:	7931623
Patent Number:	7972329
Patent Number:	7972334
Patent Number:	7972335
Patent Number:	8005523
Patent Number:	8021375
Patent Number:	8057470
Patent Number:	8190229
Patent Number:	D416089
Patent Number:	D435102
Patent Number:	D457634
Patent Number:	D458376
Patent Number:	D477082
Patent Number:	D477083
Patent Number:	D495053
Patent Number:	D495054
Patent Number:	D533275
Patent Number:	D552241
Patent Number:	D559387
Patent Number:	D616986
Patent Number:	D637288
Patent Number:	D670378
Patent Number:	D670379
Patent Number:	D670380
Patent Number:	6228095
Patent Number:	D477408

CORRESPONDENCE DATA

**PATENT**  
**REEL: 030704 FRAME: 0421**

Fax Number: 2124552502

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: (212) 455-7149

Email: jnull@stblaw.com

Correspondent Name: Paul Rodriguez

Address Line 1: 425 Lexington Avenue

Address Line 4: New York, NEW YORK 10017

ATTORNEY DOCKET NUMBER:

509265/1530

NAME OF SUBMITTER:

J. Jason Mull

Signature:

/J. Jason Mull/

Date:

06/27/2013

**Total Attachments: 10**

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GRANT OF  
SECURITY INTEREST IN PATENT RIGHTS

This GRANT OF SECURITY INTEREST IN PATENT RIGHTS ("Agreement"), effective as of June 11, 2013, is made by CONMED CORPORATION, a New York corporation, located at 525 French Road, Utica, New York, 13502 (the "Parent Borrower"), in favor of JPMorgan Chase Bank, N.A., a national banking association, as Administrative Agent (the "Agent") for the several banks and other financial institutions (the "Lenders"), parties to the Amended and Restated Credit Agreement, dated as of January 17, 2013 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement"), among Parent Borrower, the Foreign Subsidiary Borrowers from time to time parties thereto, the Lenders from time to time parties thereto, and the Agent.

W I T N E S S E T H:

WHEREAS, pursuant to the Credit Agreement, the Lenders have severally agreed to make Loans and other extensions of credit to the Borrowers upon the terms and subject to the conditions set forth therein; and

WHEREAS, in connection with the Credit Agreement, the Parent Borrower and certain of its subsidiaries have executed and delivered a Guarantee and Collateral Agreement, dated as of August 28, 2002, in favor of the Agent (together with all amendments and modifications, if any, from time to time thereafter made thereto, the "Guarantee and Collateral Agreement");

WHEREAS, pursuant to the Third Amendment to the Guarantee and Collateral Agreement dated as of January 17, 2013, the Parent Borrower confirms that the representations and warranties set forth in Section 4 of the Guarantee and Collateral Agreement are true and correct in all material respects and that no Default or Event of Default shall have occurred and be continuing as of the Amendment Effective Date after giving effect to the Amendment;

WHEREAS, the Parent Borrower has duly authorized the execution, delivery and performance of this Agreement;

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and in order to induce the Lenders to make Loans and other financial accommodations to the Borrowers pursuant to the Credit Agreement, the Parent Borrower agrees, for the benefit of the Agent and the Lenders, as follows:

SECTION 1. Definitions. Unless otherwise defined herein or the context otherwise requires, terms used in this Agreement, including its preamble and recitals, have the meanings provided or provided by reference in the Credit Agreement and the Guarantee and Collateral Agreement.

SECTION 2. Grant of Security Interest. The Parent Borrower hereby assigns and transfers to the Agent, and hereby grants to the Agent, for the ratable benefit of the Lenders, a security interest in all of the Parent Borrower's right, title and interest in, to and under the Patents (including, without limitation, those items listed on Schedule A hereto) (collectively, the "Collateral"), as collateral security for the prompt and complete payment and performance when due (whether at the stated maturity, by acceleration or otherwise) of such Grantor's Obligations.

SECTION 3. Purpose. This Agreement has been executed and delivered by the Parent Borrower for the purpose of recording the grant of security interest herein with the United States Patent and Trademark Office. The security interest granted hereby has been granted to the Lenders in connection with the Guarantee and Collateral Agreement and is expressly subject to the terms and conditions thereof. The Guarantee and Collateral Agreement (and all rights and remedies of the Lenders thereunder) shall remain in full force and effect in accordance with its terms.

SECTION 4. Acknowledgment. The Parent Borrower does hereby further acknowledge and affirm that the rights and remedies of the Lenders with respect to the security interest in the Collateral granted hereby are more fully set forth in the Credit Agreement and the Guarantee and Collateral Agreement, the terms and provisions of which (including the remedies provided for therein) are incorporated by reference herein as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the terms of the Guarantee and Collateral Agreement, the terms of the Guarantee and Collateral Agreement shall govern.

SECTION 5. Counterparts. This Agreement may be executed in counterparts, each of which will be deemed an original, but all of which together constitute one and the same original.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered by their respective officers thereunto duly authorized as of the day and year first above written.

CONMED CORPORATION

By: 

Name: Heather L. Cohen, Esq.

Title: Executive Vice President, Human Resources,  
Deputy General Counsel & Secretary

Date: 6/11/13

*[Signature Page to Grant of Security Interest in Patent Rights]*

**PATENT**  
**REEL: 030704 FRAME: 0425**

ACKNOWLEDGMENT OF OBLIGOR

STATE OF *New York* )  
 ) ss  
COUNTY OF *Oneida* )

On the 11<sup>th</sup> day of June, 2013, before me personally came Heather L. Cohen, who is personally known to me to be the Executive Vice President, Human Resources, Deputy General Counsel and Secretary of CONMED CORPORATION, a New York corporation; who, being duly sworn, did depose and say that she/he is the Executive Vice President, Human Resources, Deputy General Counsel and Secretary in such corporation, the corporation described in and which executed the foregoing instrument; that she/he executed and delivered said instrument pursuant to authority given by the Board of Directors of such corporation; and that she/he acknowledged said instrument to be the free act and deed of said corporation.

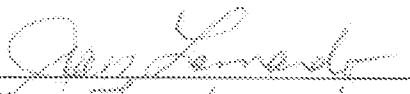
*Michele A. Caiola*  
Notary Public

(PLACE STAMP AND SEAL ABOVE)

MICHELE A. CAIOLA  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01CA3068678  
Appointed in Herkimer County  
Commission Expires November 4, 2014



JPMORGAN CHASE BANK, N.A.,  
as Administrative Agent for the Lenders

By:   
Name: Sean Larrick  
Title: Vice President  
Date: 6/11/2013


*[Signature Page to Grant of Security Interest in Patent Rights]*

**PATENT**  
**REEL: 030704 FRAME: 0427**

ACKNOWLEDGMENT OF ADMINISTRATIVE AGENT

STATE OF New York )  
 ) ss  
COUNTY OF Dorchester )

On the 11<sup>th</sup> day of June, 2013, before me personally came Jeon L. Amador, who is personally known to me to be the Authorized Signer of JPMORGAN CHASE BANK, N.A., a national banking association; who, being duly sworn, did depose and say that she/he is the Authorized Signer in such association, the association described in and which executed the foregoing instrument; that she/he executed and delivered said instrument pursuant to authority given by the Board of Directors of such association; and that she/he acknowledged said instrument to be the free act and deed of said association.

  
Notary Public PAULA A. HUDSON  
Notary Public, State Of New York  
No. 01409972210  
Qualified in Madison County  
Commission Expires 4/1/14

(PLACE STAMP AND SEAL ABOVE)

# SCHEDULE A

## U.S. Patent Registrations and Applications

<u>Patent</u>	<u>Patent or Application Number</u>
TROCAR ASSEMBLY	5,538,509
SELF-ADHESIVE HYDROGEL WOUND DRESSING	5,674,523
DOUBLE VALVE CANNULA SEAL	5,727,770
METHOD AND APPARATUS FOR PERFORMING BIOPSY	5,749,889
SEAL FOR SURGICAL INSTRUMENTS	5,752,938
APPARATUS & METHOD OF BIOELECTRICAL IMPEDANCE ANALYSIS OF BLOOD FLOW	5,782,774
APPARATUS & METHOD OF BIOELECTRICAL IMPEDANCE ANALYSIS OF BLOOD FLOW	5,791,349
ELECTRICALLY CONDUCTIVE ADHESIVE HYDROGELS	5,800,685
ELECTROSURGICAL GENERATOR AND ELECTRODE	5,830,212
SLEEVE TROCAR WITH PENETRATION INDICATOR	5,853,392
TROCAR ASSEMBLY	5,941,852
METHOD & APPARATUS FOR ELECTRODE & TRANSTHORACIC IMPEDANCE ESTIMATION	6,016,445
METHOD & APPARATUS FOR HIGH CURRENT ELECTRODE, TRANSTHORACIC & TRANSMYOCARDIAL IMPEDANCE ESTIMATION	6,058,325
APPARATUS FOR SUPPORTING & DISCHARGING FLEXIBLE FLUID CONTAINERS	6,062,429
TROCAR WITH DISPOSABLE VALVE & REUSABLE CANNULA	6,093,176
APPARATUS & METHOD OF BIOELECTRICAL IMPEDANCE ANALYSIS OF BLOOD FLOW	6,095,987
COMBINATION FLUID SUPPLY & ASPIRATION VALVE ASSEMBLY FOR USE IN MEDICAL PROCEDURES	6,148,857
COMBINATION ASPIRATOR PUMP & AIR COMPRESSOR APPARATUS FOR USE IN MEDICAL PROCEDURES	6,171,072
SLEEVE TROCAR WITH PENETRATION INDICATOR	6,228,058
SPECIMEN RETRIEVAL DEVICE	6,228,095
METHOD & APPARATUS FOR HIGH CURRENT ELECTRODE, TRANSTHORACIC & TRANSMYOCARDIAL IMPEDANCE ESTIMATION	6,253,103

SURGICAL INSTRUMENT SEAL ASSEMBLY	6,258,065
APPARATUS & METHOD OF BIOELECTRICAL IMPEDANCE ANALYSIS OF BLOOD FLOW	6,292,689
IRRIGATION & SUCTION VALVE & METHOD THEREFOR	6,364,853
IN-LINE SPECIMEN TRAP AND METHOD THEREFOR	6,375,625
ELECTROSURGICAL BLADE HAVING DIRECTLY ADHERED UNIFORM COATING OF SILICONE RELEASE AND METHOD OF MANUFACTURING SAME	6,511,479
MEDICAL MOUTHPIECE WITH ELLIPTICAL PASSAGEWAY	6,517,549
SURGICAL CLIP APPLIER	6,520,972
SIGNAL PROCESSING METHOD & DEVICE FOR SIGNAL-TO-NOISE IMPROVEMENT	6,658,277
TROCAR WITH DISPOSABLE VALVE & REUSABLE CANNULA	6,726,663
ELECTROSURGICAL GENERATOR & METHOD FOR DETECTING OUTPUT POWER DELIVERY MALFUNCTION	6,830,569
MONOPOLAR ELECTROSURGICAL MULTI-PLUG CONNECTOR DEVICE & METHOD WHICH ACCEPTS MULTIPLE DIFFERENT CONNECTOR PLUGS	6,835,082
SURGICAL INSTRUMENT SEAL ASSEMBLY	6,860,869
ELECTROSURGICAL GENERATOR & METHOD FOR CROSS-CHECKING MODE FUNCTIONALITY	6,875,210
SURGICAL SYSTEM PUMP AND METHOD THEREFOR	6,899,697
IRRIGATION & SUCTION VALVE & METHOD THEREFOR	6,918,902
ELECTROSURGICAL GENERATOR & METHOD WITH VOLTAGE AND FREQUENCY REGULATED HIGH-VOLTAGE CURRENT MODE POWER SUPPLY	6,939,347
ELECTROSURGICAL GENERATOR & METHOD WITH MULTIPLE SEMI-AUTONOMOUSLY EXECUTABLE FUNCTIONS	6,942,660
ELECTROSURGICAL GENERATOR & METHOD FOR CROSS-CHECKING OUTPUT POWER	6,948,503
OBTURATOR & CANNULA FOR TROCAR ADAPTED FOR EASE OF INSERTION/REMOVAL	6,989,003
ELECTROSURGICAL COAGULATING AND CUTTING INSTRUMENT	7,001,382
SIGNAL PROCESSING METHOD & DEVICE FOR SIGNAL-TO-NOISE IMPROVEMENT	7,027,850
ELECTRICALLY CONDUCTIVE ADHESIVE HYDROGELS WITH SOLUBILIZER	7,045,559
SURGICAL INSTRUMENT SEAL ASSEMBLY	7,056,303

SIGNAL PROCESSING METHOD & DEVICE FOR SIGNAL-TO-NOISE IMPROVEMENT	7,060,035
GAS-ASSISTED ELECTROSURGICAL ACCESSORY CONNECTOR & METHOD WITH IMPROVED GAS SEALING & BIASING FOR MAINTAINING A GAS TIGHT SEAL	7,235,071
VIRTUAL CONTROL OF ELECTROSURGICAL GENERATOR FUNCTIONS	7,317,954
VIRTUAL OPERATING ROOM INTEGRATION	7,317,955
TROCAR SYSTEM	7,344,519
SURGICAL INSTRUMENT SEAL ASSEMBLY	7,473,243
INTEGRATED THREE PORT RECEPTACLE & METHOD FOR CONNECTING HAND & FOOT SWITCHED ELECTROSURGICAL ACCESSORIES	7,540,871
PACKAGING FOR MEDICAL PADS AND ELECTRODES	7,668,604
METHOD AND APPARATUS FOR PRECURSIVELY CONTROLLING ENERGY DURING COAPTIVE TISSUE FUSION	7,678,105
MULTIFUNCTION ELECTRODE PAD	7,697,997
ELECTROSURGICAL GENERATOR & METHOD FOR SIMULATING OUTPUT SIGNALS	7,736,358
NEAR INSTANTANEOUS RESPONSIVE CLOSED LOOP CONTROL ELECTROSURGICAL GENERATOR & METHOD	7,799,020
ELECTRICALLY CONDUCTIVE HYDROGELS	7,816,412
TROCAR SYSTEM	7,931,623
ELECTROSURGICAL GENERATOR & METHOD FOR CROSS-CHECKING OUTPUT POWER	7,972,329
COAPTIVE TISSUE FUSION METHOD & APPARATUS WITH ENERGY DERIVATIVE PRECURSIVE ENERGY TERMINATION CONTROL	7,972,334
COAPTIVE TISSUE FUSION METHOD & APPARATUS WITH CURRENT DERIVATIVE PRECURSIVE ENERGY TERMINATION CONTROL	7,972,335
SIGNAL PROCESSING FOR PULSE OXIMETRY	8,005,523
SURGICAL CLIP APPLICATOR	8,021,375
INTEGRATED SMOKE EVACUATION ELECTROSURGICAL PENCIL & METHOD	8,057,470
SENSOR HOLDER	8,190,229
ENDOSCOPIC LINEAR STAPLING & DIVIDING SURGICAL INSTRUMENT	D416089
SUCTION-IRRIGATION HANDPIECE	D435102
MEDICAL ELECTRODE	D457634
CARDIAC ELECTRODE	D458376
COMBINATION ELECTROSURGICAL GENERATOR AND CART	D477082
SURGICAL CART	D477083
ELECTROSURGICAL GENERATOR	D477408
TROCAR	D495053

CANNULA HEAD	D495054
OBTURATOR	D533275
ELECTROSURGICAL GENERATOR	D552241
CANNULA TUBE	D559387
SURGICAL SMOKE EVACUATOR	D616986
SURGICAL HANDPIECE	D637288
SURGICAL DEVICE THUMB BOW	D670378
SURGICAL DEVICE FRONT HANDLE	D670379
SURGICAL DEVICE HANDPIECE	D670380