

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4553248

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SPELLING OF INVENTOR NAME previously recorded on Reel 043268 Frame 0467. Assignor(s) hereby confirms the INVENTOR NAME FRANCESCO NICOLO'S FIRST NAME WAS INCORRECTLY TYPED. TYPED AS FRANCESDCO, SHOULD BE FRANCESCO.

CONVEYING PARTY DATA

Name	Execution Date
STEVEN J. SZYMKIEWICZ	04/27/2017
FRANCESCO NICOLO	04/26/2017
SHANE S. VOLPE	04/24/2017
GARY A. FREEMAN	05/15/2017
TIMOTHY F. STEVER	05/10/2017

RECEIVING PARTY DATA

Name:	ZOLL MEDICAL CORPORATION
Street Address:	269 MILL ROAD
City:	CHELMSFORD
State/Country:	MASSACHUSETTS
Postal Code:	01824

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15474424

CORRESPONDENCE DATA

Fax Number: (603)782-4378
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: 603-622-8456
Email: jjudkins@finchmaloney.com
Correspondent Name: FINCH & MALONEY PLLC
Address Line 1: 50 COMMERCIAL STREET
Address Line 2: SUITE 300
Address Line 4: MANCHESTER, NEW HAMPSHIRE 03031

ATTORNEY DOCKET NUMBER:	ZL01.716US
NAME OF SUBMITTER:	THOMAS J. MCGINNIS, REG. NO. 58,026
SIGNATURE:	/Thomas J. McGinnis/

DATE SIGNED:

08/16/2017

Total Attachments: 19

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4546439

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STEVEN J. SZYMKIEWICZ	04/27/2017
FRANCESDCO NICOLO	04/26/2017
SHANE S. VOLPE	04/24/2017
GARY A. FREEMAN	05/15/2017
TIMOTHY F. STEVER	05/10/2017
RECEIVING PARTY DATA	
Name:	ZOLL MEDICAL CORPORATION
Street Address:	269 MILL ROAD
City:	CHELMSFORD
State/Country:	MASSACHUSETTS
Postal Code:	01824
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15474424
CORRESPONDENCE DATA	
Fax Number:	(603)782-4378
<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>	
Phone:	603-622-8456
Email:	jjudkins@finchmaloney.com
Correspondent Name:	FINCH & MALONEY PLLC
Address Line 1:	50 COMMERCIAL STREET
Address Line 2:	SUITE 300
Address Line 4:	MANCHESTER, NEW HAMPSHIRE 03031
ATTORNEY DOCKET NUMBER:	ZL01.716US
NAME OF SUBMITTER:	THOMAS J. MCGINNIS, REG. NO. 58,026
SIGNATURE:	/Thomas J. McGinnis/
DATE SIGNED:	08/11/2017
Total Attachments: 16	

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, STEVEN J. SZYMKIEWICZ of Bethel Park, PA, FRANCESCO NICOLO of Oakmont, PA, GARY A. FREEMAN of Waltham, MA, TIMOTHY F. STEVER of Lowell, MA and SHANE S. VOLPE of Saltsburg, PA, each individually assign to ZOLL MEDICAL CORPORATION, a corporation formed under the laws of Massachusetts and having a principal place of business at 269 Mill Road, Chelmsford, MA 01824, and its successors, transferees, and assigns (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the patent application titled "SYSTEMS AND METHODS OF PATIENT DATA COMPRESSION," filed in the United States Patent and Trademark Office on March 30, 2017, as application 15/474,424 (the "Application"), including without limitation: (a) the subject matter of the Application (the "Subject Matter"); (b) the Application and all other applications that may be made for, and all patents, utility models, design registrations, creative works, and other rights of exclusion and inventors' certificates for any of the Subject Matter, and all applications claiming the benefit of or priority to the Application (including without limitation divisionals, continuations, continuations-in-part, reexaminations, reissues, supplemental examinations, continued prosecution applications, post-grant reviews, *inter partes* reviews, renewals, and extensions), and all applications to which the Application claims priority or of which the Application claims the benefit (including without limitation provisional applications), in every country or region (collectively the "Applications and Granted Rights"); (c) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the Paris Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (d) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this

Assignment. We authorize the Assignee, its successors and assigns, and its representatives, to insert in or on this Assignment the filing date and application number of the Application or of any Applications and Granted Rights, including any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office or foreign equivalent thereof for recordation of this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Steven J. Szymkiewicz
Steven J. Szymkiewicz

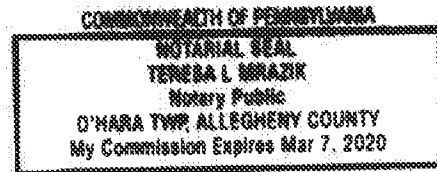
Date: 04-27-17

State of Pennsylvania)

County of ALLEGHENY) ss.:

On the 27 day of APRIL in the year 2017 before me, the undersigned, a Notary Public in and for said State, personally appeared Steven J. Szymkiewicz personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Teresa L. Mrazik
Notary Public



Francesco Nicolo
Francesco Nicolo

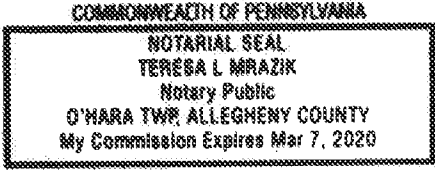
Date: 04-26-2017

State of Pennsylvania)

County of ALLEGHENY) ss.:

On the 26 day of APRIL in the year 2017 before me, the undersigned, a Notary Public in and for said State, personally appeared FRANCESCO NICOLO personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Teresa L. Mrazik
Notary Public



[Signature]
Shane S. Volpe

Date: 4/24/17

State of Pennsylvania)

County of ALLEGHENY) ss.:

On the 24 day of APRIL in the year 2017 before me, the undersigned, a Notary Public in and for said State, personally appeared Shane S. Volpe, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

[Signature]
Notary Public

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
TERESA L. MRAZ
Notary Public
O'HARA TWP, ALLEGHENY
My Commission Expires M: : :

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: ZOLL Medical Corporation

Signature: *Sivananda Reddy*

Date: 5/25/2017

Name: Sivananda Reddy

Title: Intellectual Property Counsel, ZOLL Medical Corporation

Commonwealth of Massachusetts)
) ss.:
County of Middlesex)

On the 25th day of May in the year 2017 before me, the undersigned,
a Notary Public in and for said State, personally appeared Sivananda Reddy,
personally known to me or proved to me on the basis of satisfactory evidence to be the
individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me
that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their
signature(s) on the instrument, the individual(s), or the person upon behalf of which the
individual(s) acted, executed the instrument.

Helen D. Leary
Notary Public



ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, STEVEN J. SZYMKIEWICZ of Bethel Park, PA, FRANCESCO NICOLO of Oakmont, PA, GARY A. FREEMAN of Waltham, MA, TIMOTHY F. STEVER of Lowell, MA and SHANE S. VOLPE of Saltsburg, PA, each individually assign to ZOLL MEDICAL CORPORATION, a corporation formed under the laws of Massachusetts and having a principal place of business at 269 Mill Road, Chelmsford, MA 01824, and its successors, transferees, and assigns (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the patent application titled "SYSTEMS AND METHODS OF PATIENT DATA COMPRESSION," filed in the United States Patent and Trademark Office on March 30, 2017, as application 15/474,424 (the "Application"), including without limitation: (a) the subject matter of the Application (the "Subject Matter"); (b) the Application and all other applications that may be made for, and all patents, utility models, design registrations, creative works, and other rights of exclusion and inventors' certificates for any of the Subject Matter, and all applications claiming the benefit of or priority to the Application (including without limitation divisionals, continuations, continuations-in-part, reexaminations, reissues, supplemental examinations, continued prosecution applications, post-grant reviews, *inter partes* reviews, renewals, and extensions), and all applications to which the Application claims priority or of which the Application claims the benefit (including without limitation provisional applications), in every country or region (collectively the "Applications and Granted Rights"); (c) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the Paris Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (d) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this

Assignment. We authorize the Assignee, its successors and assigns, and its representatives, to insert in or on this Assignment the filing date and application number of the Application or of any Applications and Granted Rights, including any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office or foreign equivalent thereof for recordation of this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Date: _____

Steven J. Szymkiewicz

State of Pennsylvania)

) ss.:

County of _____)

On the _____ day of _____ in the year 20____ before me, the undersigned, a Notary Public in and for said State, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Notary Public

Date: _____

Francesco Nicolo

State of Pennsylvania)

) ss.:

County of _____)

On the _____ day of _____ in the year 20____ before me, the undersigned, a Notary Public in and for said State, personally appeared _____ personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Notary Public

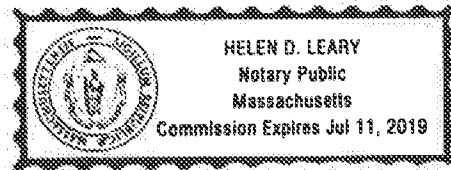
Gary A. Freeman
Gary A. Freeman

Date: 5-15-17

Commonwealth of Massachusetts)
) ss:
County of Middlesex)

On the 15th day of May in the year 2017 before me, the undersigned, a Notary Public in and for said State, personally appeared Gary A. Freeman personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Helen D. Leary
Notary Public



Shane S. Volpe

Date: _____

State of Pennsylvania)

County of _____) ss.
_____)

On the _____ day of _____ in the year 20____ before me, the undersigned, a Notary Public in and for said State, personally appeared _____ personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Notary Public

