505074578 08/31/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5121334

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
IATURE OF CONVEYA	NCE:	ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ					
		Name	Execution Date			
GREG A. WALTERS			08/29/2018			
JOSEPH TODD GRINTZ	Ζ		08/29/2018			
MARK ROSSNEY			08/31/2018			
RECEIVING PARTY DA	TA					
Name:	ESSEN	TIAL MEDICAL, INC.				
Street Address:	260 SIE	RRA DRIVE				
Internal Address:	SUITE 1	SUITE 120				
City:	EXTON					
State/Country:	PENNS	PENNSYLVANIA				
Postal Code:	19341					
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		Number 5192632				
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Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA (A provided; 4 It 5 F	484)531-1735 the e-mail address first; if that is unsu if that is unsuccessful, it will be sent 84-531-1700 torres@offitkurman.com DFFIT KURMAN P.A. 101 PLYMOUTH MEETING ROAD SUITE 100 PLYMOUTH MEETING, PENNSYLVANIA	via US Mail.			
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Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUMARE OF SUBMITTER:	DATA (A provided; 4 It 5 F	484)531-1735 the e-mail address first; if that is unsu if that is unsuccessful, it will be sent 84-531-1700 torres@offitkurman.com DFFIT KURMAN P.A. 101 PLYMOUTH MEETING ROAD SUITE 100 PLYMOUTH MEETING, PENNSYLVANIA 04840003.00046 LAURIE TORRES	via US Mail.			
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUME NAME OF SUBMITTER: SIGNATURE:	DATA (A provided; 4 It 5 F	484)531-1735 the e-mail address first; if that is unsu if that is unsuccessful, it will be sent 84-531-1700 torres@offitkurman.com DFFIT KURMAN P.A. 01 PLYMOUTH MEETING ROAD SUITE 100 PLYMOUTH MEETING, PENNSYLVANIA 04840003.00046 LAURIE TORRES /Laurie Torres/	via US Mail.			
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ASSIGNMENT

WHEREAS, I, Greg A. Walters, residing in, Exton, PA, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application identified as United States Application No. 15/192,632, filed on June 24, 2016 ("the invention"), which is entitled Vascular Closure Device With Removable Guide Member ("the subject application").

AND WHEREAS, Essential Medical, Inc., ASSIGNEE, having a place of business at 260 Sierra Dr., Suite 120, Exton, PA 19341, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications in any country, and all extensions, renewals, and reissues of such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; all patents granted on such applications and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

PATENT REEL: 046769 FRAME: 0202

Attorney Docket 04840003.00046

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this	29 <i>1</i> #	_day of	Auns	, year of	2018
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<u>JA</u> A.	lible				

Greg A. Walters

STATEMENT OF WITNESS

SIGNED at <u>Exton</u> , PA USA	(City)	(Country)
This 29th day of <u>August</u> , 2018.		
I. Samuel E Nardone	whose full	
residence address is_26500 Amhearst Circle A	W-203	
Beachwood, OH, 44,	122	

was personally present and did see Greg A. Walters execute the above assignment on the 29^{th} day of August, 2018, and such assignor is personally known to me to be the person described in such document.

Emil Mardone

Signature of Witness

ASSIGNMENT

WHEREAS, I, Joseph Todd Grintz, residing in, Glenmoore, PA, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application identified as United States Application No. 15/192,632, filed on June 24, 2016 ("the invention"), which is entitled Vascular Closure Device With Removable Guide Member ("the subject application").

AND WHEREAS. Essential Medical, Inc., ASSIGNEE, having a place of business at 260 Sierra Dr., Suite 120, Exton, PA 19341, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; all patents granted on such applications and continuations in whole or in part; all patents granted on such applications and continuations in whole or in part; all patents granted from the priority application and the subject applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; all patents granted on such applications and continuations in whole or in part; all patents granted on such applications and continuations in whole or in part; all patents granted in such applications and continuations in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; all patents granted in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other i

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

Attorney Docket 04840003.00046

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Seph Todd Grintz		
*****************************	******	*******
TATEMENT OF WITNESS		
ONED 31 5-27-20- 14	(City)	(Country)
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sidence address is <u>3/1 /3////////////////////////////////</u>	A MILENA CA	

Signature of Witness

ASSIGNMENT

WHEREAS, I, Mark Rossney, residing in, Downingtown, PA, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application identified as United States Application No. 15/192,632, filed on June 24, 2016 ("the invention"), which is entitled Vascular Closure Device With Removable Guide Member ("the subject application").

AND WHEREAS, Essential Medical, Inc., ASSIGNEE, having a place of business at 260 Sierra Dr., Suite 120, Exton, PA 19341, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

PATENT REEL: 046769 FRAME: 0206

Attorney Docket 04840003.00046

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this	day of	Abits July	, year of	2 .018	
Mark Rossney					
****	*****	*****	******	*****	*****
STATEMENT OF	WITNESS				
SIGNED at This_ <u>≥{</u> ^{6†} day of_	Audubon,	<u> </u>	<u>(75</u> A	(City)	(Country)
This <u>3</u> the day of	August	_, 201 <u></u> .			
I. Mark	Hedgeland		wh	ose full	
residence address is	420	Long	Mead ow	p.d.	
	Norristown	PA I	(9403		
was personally pres	ent and did see Mar	rk Rossney 1 <u>%</u> , and st	execute the abc	ove assignment	

e of Witness person des

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Signature of Witness

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Page 2 of 2

RECORDED: 08/31/2018