1	
5/23	•
4	

OMB No 0651-0027 (exp. 6/30/2008)	05/23/2011	U.S. DEPARTMENT OF COMMERCE <u>United States Patent and Trademark Office</u>
To the Director of the U.S. Patent and	103625390	
Name of conveying party(ies)		Jocuments or the new address(es) below
Robert E. Allinger	1	e and address of receiving party(ies)
		Spirus Medical, Inc
	Internal	Address:
Additional name(s) of conveying party(ies) attache	ed? Yes V No	
3. Nature of conveyance/Execution Da	ate(s): Street A	Address: 1063 Turnpike Street
Execution Date(s) 05/06/2011		
Assignment Mer	ger	
Security Agreement Cha	nge of Name City [.] Sto	pughton
Joint Research Agreement	State M	ıa
Government Interest Assignment	0.0.0	
Executive Order 9424, Confirmatory	License	. <u>USA</u> Zıp: <u>02072</u>
Other	Additions	sl pama(a) & addisacc(as) ettecto do D Vec (7 No.
4. Application or patent number(s):		Il name(s) & address(es) attached? ☐ Yes ☑ No It is being filed together with a new application
A Patent Application No (s)		atent No.(s)
13/100,098		` ·
		MAY 2 3 2011
	_	
	ditional numbers attached?	Yes ✓ No
Name and address to whom corres concerning document should be mail	pondence 6. Total ed: involved	number of applications and patents
Name. Mark J. Pandiscio		
Internal Address: Pandiago & Bandiago B O		fee (37 CFR 1.21(h) & 3.41) \$_40.00
Internal Address Pandiscio & Pandiscio, P C		horized to be charged by credit card
		horized to be charged to deposit account (any deficiencies)
Street Address 470 Totten Pond Road	Enc	iosed
		ne required (government interest not affecting title)
City ⁻ Waltham	8. Payn	nent Information
State. <u>MA</u> Zip. <u>02</u> 4	a Cre	edit Card Last 4 Numbers
Phone Number <u>(781)</u> 290-0060		Expiration Date
Fax Number <u>(781) 290-4840</u>	b De	eposit Account Number 16-0221
Email Address.	Au	thorized USA23 N2814 & NGUYEN1 00000022 13100098
Simple		81 (C.8821 40.48
- I ay	Signature	00/10/2011
•	Signature C	Date
Margaret M. Car Name of Person		Total number of pages including cover sheet, attachments, and documents

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P O.Box 1450, Alexandria, V A. 22313-1450

ASSIGNMENT

We, James J. Frassica of 5 Essex Place, Chelmsford, MA 01824 and Robert E. Ailinger of 118 Albemarle Road, Norwood, MA 02062, having invented improvements in ROTATE-TO-ADVANCE CATHETERIZATION SYSTEM and having executed an application for United States patent describing the same and based thereon (and we hereby authorize our attorney(s), authorized to prosecute said application, to here insert the filing date and serial number of said application, when known, Serial No. 13/100,098, filed 05/03/2011), for good and valuable consideration, receipt of which is hereby acknowledged from Spirus Medical, Inc., a Delaware corporation having a place of business at 1063 Turnpike Street, Stoughton, MA 02072, hereinafter called the Assignee (which term shall include its successors and assigns), do hereby sell, assign and transfer unto the Assignee our entire right, title, and interest, in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to and under said application (which term shall include hereinafter where the context so admits all divisional, continuing, reissue and other patent applications based thereon) and the inventions (which term shall include each and every such invention, or any part thereof) therein described, and any and all patents and like rights of exclusion (including extensions thereof) of any country which may be granted on or for said inventions or on said application.

And for the same consideration we do also hereby sell, assign and transfer unto the Assignee all our rights under the International Convention for the Protection of Industrial Property and all other treaties of like purpose in respect of said inventions and said application and we do hereby authorize the Assignee to apply in our names or its own name for patents and like rights of exclusion on or for said inventions in all countries, claiming (if the Assignee so desires) the priority of the filing date of said application under the provisions of said Convention or any such other treaty;

And for the same consideration we do hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, promptly upon request of the Assignee, to execute and deliver without further compensation any power of attorney, assignment, original, divisional, continuing, reissue or other application or applications for patent or patents or like rights of exclusion of any country, or other lawful documents and any further assurances that may be

Pandiscio & Pandiscio, P.C. 470 Totten Pond Road Waltham, MA 02451 Tel. (781) 290 0060

FA-858688

PATENT REEL: 026413 FRAME: 0075 deemed necessary or desirable by the Assignee fully to secure to it said right, title, and interest as aforesaid in and to said inventions, application, and said several patents and like rights of exclusion, or any of them, all, however, at the expense of the Assignee;

And we do hereby authorize and request the Commissioner of Patents of the United States of America and the corresponding Officer of each country foreign thereto to issue to the Assignee any and all patents and like rights of exclusion which may be granted in any country upon said application or on or for said inventions;

And we do hereby jointly and severally covenant for ourselves and for our respective legal representatives and agree with the Assignee that we have granted no right or license to make, use or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our right, title and interest in and to said inventions has not been otherwise encumbered by us, and that we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, we hereunto set our hands and seals on the day and year hereinafter noted.

James J. Frassica

Robert E.

Pandiscio & Pandiscio, P.C. 470 Totten Pond Road Waltham, MA 02451 Tel. (781) 290 0060

FA-858688

State of) County of) ss.
Before me this day of, 2011, personally appeared <u>James J. Frassica</u> , who is to me personally known, and acknowledged the foregoing instrument to be his/her free act and deed.
SEAL
My commission expires:
State of) County of
Before me this
My commission expires: My Commission expires: My Commission August 10, 2012

KC2/FA858688.ASN

Pandiscio & Pandiscio, P.C. 470 Totten Pond Road Waltham, MA 02451 Tel. (781) 290 0060

FA-858688

PATENT REEL: 026413 FRAME: 0077

RECORDED: 05/23/2011