Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYANCE:		ASSIGNMENT					
CONVEYING PARTY	DATA	,					
		Name	Execution Date				
Robert F. Rioux		hano	12/15/2003				
Thomas V. Casey			12/15/2003				
Janel L. Lanphere			12/12/2003				
RECEIVING PARTY [ΟΑΤΑ						
Name:	Name: Scimed Life Systems, Inc.						
Street Address:		One SciMed Place					
City:	Maple Grove	Maple Grove					
State/Country:	MINNESOTA						
Postal Code:	55311-1566						
Application Number. 13190		3190823					
Property Type							
CORRESPONDENCE	DATA						
			Fax Number: (877)769-7945				
Fax Number:	(877)769-7	945					
		945 when the fax attempt is unsuccessful					
<i>Correspondence will L</i> Phone:	be sent via US Mail ((617) 542-5	<i>when the fax attempt is unsuccessful.</i> 5070	:				
<i>Correspondence will L</i> Phone: Email:	be sent via US Mail ((617) 542-5 coughlan@	<i>when the fax attempt is unsuccessful.</i> 5070 ݤfr.com					
Phone: Email: Correspondent Name	be sent via US Mail ((617) 542-5 coughlan@ : Sean P. Da	<i>when the fax attempt is unsuccessful.</i> 5070 Ofr.com aley	:				
<i>Correspondence will L</i> Phone: Email: Correspondent Name Address Line 1:	be sent via US Mail ((617) 542-5 coughlan@ : Sean P. Da	<i>when the fax attempt is unsuccessful.</i> 5070 2fr.com aley CHARDSON P.C.					
<i>Correspondence will L</i> Phone: Email: Correspondent Name	be sent via US Mail ((617) 542-{ coughlan@ : Sean P. Da FISH & RIC P.O.BOX 1	<i>when the fax attempt is unsuccessful.</i> 5070 2fr.com aley CHARDSON P.C.					
<i>Correspondence will L</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	be sent via US Mail ((617) 542-5 coughlan@ : Sean P. Da FISH & RIC P.O.BOX 1 MINNEAPC	<i>when the fax attempt is unsuccessful.</i> 5070 2fr.com aley CHARDSON P.C. 022					
Correspondence will L Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	be sent via US Mail (617) 542-5 coughlan@ : Sean P. Da FISH & RIC P.O.BOX 1 MINNEAPC	when the fax attempt is unsuccessful. 5070 Ofr.com aley CHARDSON P.C. 022 OLIS, MINNESOTA 55440-1022					

Attorney Docket No: 01194-460001/01-160I4

ASSIGNMENT

For valuable consideration, we, ROBERT F. RIOUX of 20 Woodridge Lane, Ashland, Massachusetts 01721, THOMAS V. CASEY II of 67 Sunrise Avenue, Grafton, Massachusetts 01519, and JANEL LANPHERE of 76 Cloverdale Road, Newton, MA 02461, hereby assign to Scimed Life Systems, Inc., a corporation of Minnesota having a place of business at One Scimed Place, Maple Grove, MN 55311-1566; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled EMBOLIZATION, filed August 29, 2003, and assigned U.S. Serial Number 10/651,475; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

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PATENT REEL: 026651 FRAME: 0691

Attorney Docket No: 01194-460001/01-160I4

IN WITNESS WHEREOF, I hereto set my hand and seal at Natick, MA 15th 20 03 day of this L.S. ROBERT F. RIOUX State of Massachusetts County of <u>Middle 80</u> : ·: SS. Before me this 15th day of SUMPUR . 20 03 personally appeared ROBERT F. RIOUX known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained. Notary Public My Commission Expires: [Notary's Seal Here] CATHLEEN KAY DYER Notary Public Commonwealth of Massachusetts My Commission Expires March 8, 2007

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PATENT , REEL: 026651 FRAME: 0692

ŗ,

Attorney Docket No: 01194-460001/01-160I4

IN WITNESS WHEREOF, I hereto set my hand and seal at Manck 15th December, 2003 day of this 23 Ţ L.S. THOMAS V. CASEY II SSAChusurs State of County of Middleser : day of Alemar . 20 C Before me this , personally appeared THOMAS V. CASEY II known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained. Notary Public My Commission Expires:

[Notary's Seal Here]

ſ	CATHLEEN KAY DYER	ł.
1	 Notery Public 	ł
1	Commonwealth of Massachusetts	ł
-	Mu Commission EXDINS	Ł
ļ	March 8, 2007	ţ

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Attorney Docket No: 01194-460001/01-16014

IN WITNESS WHEREOF, I hereto set my hand and seal at December 2 day of ____ 20 03 this L.S. JANEL LANPHERE State of MASSAChUSUK. County of day of Delm Der Before me this personally appeared JANEL LANPHERE known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained. Notary Public My Commission Expires: [Notary's Seal Here] CATHLEEN KAY DYER Notary Public Commonwealth of Massachusetts 20765557.doc My Commission Expires March 8; 2007

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PATENT REEL: 026651 FRAME: 0694

RECORDED: 07/26/2011