Substitute Form PTO-1595 Attorney Docket No.: 01194-463001 Client's Ref. No.: 03-211

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Commissioner for Patents: Please record the attaggreen original document(s) or copy(ies).			
Name of conveying party(ies):	2. Name and address of receiving party(ies):		
Barbara Bell, Thomas V. Casey II and William J. Shaw	2. Name and address of receiving party(ies): Scimed Life Systems, Inc. One Scimed Place Maple Grove, MN 55311-1566		
Additional name(s) attached? ☐ Yes 図 No	wapie Grove, wily 555 i 1-1500		
3. Nature of conveyance:			
 ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other: 			
Execution Date: 10/20/2003; 10/24/2003 and 10/24/2003	Additional names/addresses attached? □ Yes 国 No		
4. Application number(s) or patent number(s): 1670097	7 6		
If this document is being filed with a new application, the execution	date of the application is: 11/04/2003		
A. Patent Application No(s).:	B: Patent No(s).:		
Additional numbers at	tached? □ Yes 図 No		
Name/address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: 1		
JOHN J. GAGEL	7. Total fee (37 CFR §3.41): \$40		
Fish & Richardson P.C.	☑ Enclosed		
225 Franklin Street	☐ Authorized to charge Deposit Account.		
Boston, MA 02110-2804	8. Deposit Account No.: 06-1050		
	Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.		
DO NOT USE	THIS SPACE		
9. Statement and Signature: To the best of my knowledge and any attached copy is a true copy of the original documen			
Tu N. Nguyen	November 4,2003		
Reg. No. 42,934 Name of Person Signing Sur Naguya Signature	Date		
Tota	al number of pages including coversheet, attachments and document: 4		
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Date of Deposit:	November 4, 2003	

PATENT REEL: 014678 FRAME: 0876

ASSIGNMENT

For valuable consideration, we, BARBARA BELL of 92 Witherell Drive, Sudbury, MA 01776, THOMAS V. CASEY II of 67 Sunrise Avenue, Grafton, MA 01519, and WILLIAM J. SHAW of 50 Trowbridge Street, Apt. 4, Cambridge, MA 02138, 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 EMBOLIC COMPOSITIONS, filed
, and assigned U.S. Serial Number, and we authorize and
request the attorneys appointed in said application to hereafter complete this assignment by
inserting above the filing date and serial number of said application when known; 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.

IN WITNESS WHEREOF	, I hereto set my hand and seal at	tick, MA
this	tober , 2003.	
Bailta	10 Roll	I. S
BARBA	ARA BELL	L.S
		:
State of <u>Hassachusett</u>):	
	: ss.	
County of <u>Middle &X</u>	:	
Before me this 20^{\pm}	b day of October, 20	03, personally
appeared BARBARA BELL k	nown to me to be the person whose name i	is subscribed to the
	nowledged that she executed the same as h	
the purposes therein contained		
	alphan	
	WILLI I	IAI
	Notary Public	100
	My Commission Expires:	18/0+
[Notary's Seal Here]	/	
	CATHLEEN KAY DYER	
	Notary Public' Commonwealth of Magsachuse	tts
	My Commission Expires March 8, 2007	

IN WITNESS WHEREOF, I hereto set my hand and seal at Natick, MA
this 24th day of October, 2003.
Thoses Vicas II L.S.
THOMAS V. CASEY II
State of Massachusens
County of Widdle Sty : ss.
Before me this auth day of OCTOBER, 2003, 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. Cayllen by
Notary Public 2/2/102
My Commission Expires: 3/8/0'+
[Notary's Seal Here] CATHLEEN KAY DYER Notary Public Commonwealth of Massachusetts My Commission Expires March 8, 2007

IN WITNESS WHEREOF, I hereto set my hand and seal at Natice My
this <u>24th</u> day of <u>OCTOPU</u> , 2003.
L.S.
WILLIAM J. SHAW
State of Massachusetts:
County of <u>MIddle SCX</u> : ss.
Before me this 24th day of 0000 , 2003 , personally
appeared WILLIAM J. SHAW 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. MHILLIN DUCT
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: 014678 FRAME: 0880