12-23-20	i03 PATENT			
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Submission Type	Conveyance Type			
New	Assignment Security Agreement			
Resubmission (Non-Recordation)	☐ License ☐ Change of Name			
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Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date				
Manage Michael C. H. Chi.	Month Day Year			
Name Michael S.H. Chu	10/23/2003			
Name Joseph J. Raneri	10/22/2003			
Name Michael F. Weiser	lame Michael F. Weiser 10/23/2003			
Name Armand Morin	10/23/2003			
Name				
Receiving Party Mark if additional names of receiving parties attached				
Name (line 1) Scimed Life Systems, Inc.				
Name (line 2)	is an assignment and the receiving party is not			
	domiciled in the United			
Address (line 1) One Scimed Place	States, an appointment of a			
Address (line 2)	domestic representative is attached. (Designation must			
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Address (line 3) Maple Grove MN City State/Country	55311-1566 Assignment) Zip Code			
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	Page 2	PATENT		
Correspondent Name and Address				
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Name Patent Administrator				
Address (line 1) Testa, Hurwitz & Thib	eault, LLP			
Address (line 2) High Street Tower				
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including any attachments.	os or the attached convoyance accument	3		
Application Number(s) or Patent N Enter either the Patent Application Number	umber(s)	k if additional numbers attached mbers for the same property).		
Patent Application Number 10/641,487		Number(s)		
Patent Cooperation Treaty (PCT) Enter PCT application number PCT				
Number of Properties E	nter the total number of properties involved	d. # 1		
Fee Amount Fee	Amount for Properties Listed (37 CFR 3.41): \$ 40.00		
Method of Payment: Enclosed	⊠ Deposit Accoun	t 🗀		
Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account) Deposit Account Number # 20-0531				
	Deposit Account Number Authorization to charge additional fee			
Statement and Signature	Authorization to charge additional lee	ie. 163 [2] 110 []		
Statement and Signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.				
	\wedge	Day 16 1- 2		
Duan Wu Name of Person Signing	Signature	Dec. 16,2003 Date		

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ASSIGNMENT

WHEREAS, We, Michael S.H. Chu, Joseph J. Raneri, Michael F. Weiser and Armand Morin have invented one or more inventions described in an application (or provisional application) for Letters Patent of the United States entitled:

Systems, Methods and Devices Relating to Delivery of Medical Implants

and identified by

Attorney Docket No. _______, and/or executed by us on even date herewith and about to be filed in the United States Patent Office;

Serial No. 10/641,487 filed in the United States Patent Office on August 14, 2003; and WHEREAS, SCIMED Life Systems, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Minnesota, and having a usual place of business at One SCIMED Place, Maple Grove, MN 55311-1566, desires to acquire an interest therein, in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such Letters Patent, and any right, title and interest we may have in provisional applications to which said application claims priority; said invention(s), applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all of our rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications;

Letters Patent to ASSIGNEE in its own name as assignee of our entire right, title and interest therein;

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AND, we hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved:

AND, we hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment, if none is indicated on the date of our execution of this assignment;

AND, we hereby authorize and request the Director of the United States Patent and Trademark Office to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

thereon, to said ASSIGNEE, its succes	ssors, assigns, or legal representatives.
IN TESTIMONY WHEREON date(s) set forth below.	Inventor: Michael S.H. Shu
Commonwealth of Massachusetts County of)) ss
Subscribed and sworn to before	Cindy A Nason Notary Public My Commission Expires: 1/3/09 Inventor: Jah Jahn Joseph J. Rameri
Commonwealth of Massachusetts County of)) ss
Subscribed and sworn to before	re me, by the above-named Joseph J. Raneri this 22day of Notary Public My Commission Expires: 730

PATENT REEL: 014808 FRAME: 0589

Joint Assignment U.S.S.N. 10/641,487 Page 3 of 3			
Commonwealth of Massachusetts County of)) ss	Inventor:	Michael F. Weiser
Subscribed and sworn to befo	re me, by	the above-name	ed Michael F. Weiser this 23 day of
		Notary Public My Commission	A Nason on Expires: 7/3/09
•		Inventor:	Armand Morin
Commonwealth of Massachusetts County of)) ss		
Subscribed and sworn to before Cotolec, 2003.	re me, by	the above-name	d Armand Morin this 23 day of

Cindy A Nagon

Notary Public

My Commission Expires: 73109

2669894

RECORDED: 12/19/2003

PATENT REEL: 014808 FRAME: 0590