Express Mail Label No. EV 337 978 570 US Form **PTO-1595** 11-14-2003 RECORDATIO (Rev. 03/01) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇔ ⇔ ⇔ To the Honorable Commissioner of Patents and Trademarks: Please Record the August 102600281 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Stephen D. Pacetti Thierry Glauser Syed F.A. Hossainy Name: Advanced Cardiovascular Systems, Inc. Yiwen Tang Andrew C. Tung Street Address: 3200 Lakeside Drive Additional name of conveying party(ies) attached?

Yes

No City: Santa Clara Additional Name(s) & address(es) attached? ☐ Yes ☑ No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: 10/22/03, 10/21/03.11/05/03, 10/22/03, 10/22/03 respectively Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? ☐ Yes ☒ No 5. Name and address of party to whom correspondence Total number of applications and patents involved: 1 concerning this document should be mailed: Name: Victor Repkin, Reg. No. 45,039 7. Total fee (37 CFR 3.41) \$ 40.00 Address: Squire, Sanders & Dempsey L.L.P. Enclosed Authorized to be charged to deposit account Street Address: One Maritime Plaza, Suite 300 City: San Francisco State: CA Zip: 94111 8. Deposit account number: 07-1850 11/13**/2003 GTDN11** 00000232 071850 10703334 01 FC:B021 40.00 DA

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is knue and correct and any attached copy is a true copy of the original document.

Victor Repkin

Name of Person Signing

November 6, 2003

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to: Director of the US Patent and Trademark Office, Mail Stop Assignment Recordation, P.O. Box 1450 Alexandria, VA 22313-1450

ASSIGNMENT

(1-8)	Insert Name(s) of Inventor(s)	(1)	Stephen D. Pacetti	(5) Thierry Glauser
		(2)	Syed F.A. Hossainy	(6)
		(3)	Yiwen Tang	(7)
		(4)	Andrew C. Tung	(8)
_	ood and valuable consideration, rece	•	-	ged, the undersigned agree(s) to
•	n, hereby do(es) assign, transfer and			r Sveteme inc
(9)	Insert Name of Assignee	(9)	Advanced Cardiovascular	Systems, inc.
(10)	Insert State of Incorporation of Assignee	(10)	California	
(11)	Insert Address of Assignee	(11)	worldwide right, title, inte patents for every count	as the Assignee) the entire rest, and patent applications and ry, including divisions, reissues er extensions, rights and priorities
(12)	Insert Identification of Invention, such as Title, Case Number or Foreign Application Number	(12)		DELIVERY DEVICES HAVING ATION AND METHODS FOR F
			(Case No. 50623.284) (Sundersigned has (have) of in the United States of An	executed an application for paten
(13)	Insert Date of Signing of Application	(13)	on	

- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

#109664

Page 1 of 2

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and the duly constituted authorities of foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, its successors and assigns, as Assignee of the entire right, title and interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute any agreement in conflict herewith.
- 6) The undersigned hereby grant(s)

Marc A. Sockol, Reg. No. 40,823; Vidya R. Bhakar, Reg. No. 42,323; Cameron K. Kerrigan, Reg. No. 44,826; David B. Abel, Reg. No. 32,394; Nathan Lane III, Reg. No. 43,738; Michael A. Lechter, Reg. No. 27,350; David E. Rogers, Reg. No. 38,287; William R. Bachand, Reg. No. 34,980; Les J. Weinstein, Reg. No. 19,625; Aaron Wininger, Reg. No. 45,229; Paul J. Meyer 47.791: Victor Repkin, Reg. No. 45,039; Alexander B. Ching, Reg. No. 41,669; Douglas H. Goldhush, Reg. No. 33,125; Kevin F. Turner, Reg. No. 43,437; Dinnatia J. Doster, Reg. No. 45,268; Sam Huang, Reg. No. 48,430; Charles E. Runyan, Reg. No. 43,066; Stuart A. Whittington, Reg. No. 45,215; Sung I. Oh, Reg. No. 45,583; Donnie L. Kidd, Reg. No. 50,285.; Zhaoyang Li, Reg. No. 46,872; Earl A. Bright II, Reg. No. 37,045; Ronald D. Devore, Reg. No. 39,958; Tim Kitchen, Reg. No. 41,900; Philip Yip, Reg. No. 37,265; Victoria Nicholson, Reg. No. 47,823; Christopher J. Buchko, Reg. No. 52,668.

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date		Name of Inventor	
			Stephen D. Pacetti
Date		Name of Inventor	
			Syed F.A. Hossainy
Date	11/5/03	Name of Inventor	Tans
			Yiwen Tang
Date		Name of Inventor	
			Andrew C. Tung
Date		Name of Inventor	
Date		Name of Inventor	Thierry Glauser

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		(3)	Yiwen Tang	(7)
		(4)	Andrew C. Tung	(8)
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(10)	Insert State of Incorporation of Assignee	(10)	California	
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Date	10/22/03	Name of Inventor	Stephen Paretti
Date	10/4/07	Name of Inventor	Stephen D. Pacetti Syed F.A. Hossainy
Date		Name of Inventor	Yiwen Tang
Date	10/22/03	Name of Inventor	Andrew Co Yung
Date	10/27/03	Name of Inventor	Maure
			Thierry Glauser

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