FORM PTO-1618A Expires 16/30/99 OMB 06:s1:0027



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Reel # Frame #	Other			
Conveying Party	Mark if additional names of conveying parties attached Execution Date			
Name Advanced Cardiovascular	Systems, Inc. Month Day Year 04272000			
Formerly				
Individual General Partnership	Limited Partnership Corporation Association			
Other				
X Citizenship/State of Incorporation/Organizat	ion California			
Receiving Party	Mark if additional names of receiving parties attached			
Name Wholey, Dr. Mark H.				
DDA/AVA/TA				
DBA/AKA/TA				
Composed of				
Address (line 1) Pittsburgh Vasculat Ins	titute - Shadyside Hospital			
Address (line 2) 5230 Centre Avenue				
Address (line 3) Pattsburgh	Pennsylvania 15232			
City State/Country Zip Code				
Other	representative should be attached. (Designation must be a separate document from Assignment.)			
Citizenship/State of Incorporation/Organization	ion United States			
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Name Michael	D. Lazzara		
Address (line 1) Eckert S	Seamans Cherin & Me	llott	
Address (line 2) 600 Gran	nt Street - 44th F1	.001	
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Enter either the Trademark App	Number(s) or Registration Number of the Registration ication Number(s)	Number (DO NOT ENTER BOT	Mark if additional numbers attached the numbers for the same property). ration Number(s) 1,399,966
Number of Properties	Enter the total number o	f properties involved.	# 4
Fee Amount	Fee Amount for Propertie	es Listed (37 CFR 3.41):	\$
Method of Payment: Deposit Account Enter for payment by depo	Enclosed X sit account or if additional fees car Deposit Accou		# 02-2556 Yes X No]
Statement and Signatu		-	Banana d
attached copy is a indicated herein. Michael D. Lazza	· · · · · · · · · · · · · · · · · · ·	ment. Charges to deposit ac	secount are authorized, as $5/4/2 \approx 0$
Name of Person Si	gning	Signature //	Date Signed

TRADEMARK REEL: 002076 FRAME: 0447

TRADEMARK ASSIGNMENT

California Corporation having its principal offices at 3200 Lakeside Drive, Santa Clara, California 95054 (hereinafter "ASSIGNOR"), and Dr. Mark H. Wholey, an individual having

WHEREAS, ADVANCED CARDIOVASCULAR SYSTEMS, INC., a

a place of business at the Pittsburgh Vascular Institute, Shadyside Hospital, 5230 Centre Avenue, Pittsburgh, Pennsylvania 15232 (hereinafter "ASSIGNEE"), have entered into an

agreement pertaining to the transfer by ASSIGNOR of certain trademarks to ASSIGNEE;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR distributes, assigns, and transfers to ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the trademarks and trademark registrations as identified in Schedule A attached ("marks"), together with the goodwill of the business in which the marks are used, along with any and all rights of enforcement with respect thereto, including all rights to sue or recover for the past infringement thereof, and any and all causes of action related thereto. ASSIGNOR retains no ownership rights in the properties transferred to ASSIGNEE hereunder. ASSIGNEE may apply for and receive registration of the marks in its own name wherever so permitted by law.

ASSIGNOR shall, when requested by the ASSIGNEE, execute all rightful oaths, assignments and powers of attorney, including but not limited to the right to file and prosecute in its own name, wherever so permitted by law, mark applications, including corresponding foreign applications, and to claim priority of mark applications pursuant to the international convention, to the ASSIGNEE and to agents and legal representatives of the ASSIGNEE and all other papers necessary and proper to carry out the intent and purpose of this Assignment.

1 of 3

TRADEMARK REEL: 002076 FRAME: 0448

xecuted by its du	ly authorize	-d representa	tive on this	2714	day of	APRIL	. 2000.
needled by his du	iy dadikatiza	ou representa	itive on time		_ 44, 61 _		2000.
DVANCED CA	RDIOVAS	CULAR SY	STEMS, IN	iC.			
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On this 2	$\frac{dh}{d}$ day of	APRIL	, 2000, be	efore m	e persona	ally appeared	
Eric L	e Royer		(aı	uthorize	d represe	entative), pro	ved to be
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YSTEMS, INC	and acknow	vledged that	the corporati	on exec	uted it.	WITNESS m	y hand and
fficial seal.							

Schedule A

<u>Trademark</u>	<u>United States Reg. No.</u>
WHOLEY	n/a
WHOLEY HI-TORQUE MODIFIED J	2,095,098
WHOLEY HI-TORQUE STANDARD	1,608,963
WHOLEY HI-TORQUE FLOPPY	1,608,962
WHOLEY HI-TORQUE	1,399,966

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