		TO-1594 1-92	9.27.00	RECORDATI P		11-01	-2000		J.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 01198.0267		
To the Honorable Commissioner of Patents and Trademark Please record the attached original documents or copy the 1						1015	101501321 MENTS				
1.	Name o	of conveying pa	rty:	010		2. N	lame and a	ddress of	receiving party:		
	Takafu	ımi ATSUMI	SATEN	EP 2, 50							
2000					Name: AISIN SEIKI KABUSHIKI KAISHA						
Additional name of conveying party attached ☐ Yes ⊠ No.					Internal Address:						
3. Nature of conveyance:				Street Address: 1, Asahi-machi 2-chome, Kariya-shi, Aichi-ken, Japan							
						City:					
Ø		Assignment		Merger		State:			Zip Code:		
0	***************************************	Security Agreement		Change of Na	me						
						:					
		Other									
						Additional	name & Ad	dress atta	ched?		
Execut	ion Date:	August 28,				□ Yes ⊠ N					
4.	Applica applicat		patent number:	If this document is bei	ing fil	led together	with a new	applicatio	n, the execution date of the		
A.	Patent Application Number:				B. Patent Number:						
		09/578,685									
				Additional numbers a	attacl	ned? □ Yes	⊠ No				
5.		and address of paing documents		correspondence ed:		6. Total number of applications and registrations involved:					
Name: Mr. Ernest F. Chapman					7. Total fee (37 CFR 3.41): \$40						
Interna	Address			I, FARABOW, GARRE	TT	Enclosed ((Please cha	rge deficie	ency to deposit account)		
						Authorized	I to be char	ged to dep	oosit account		
Street	Address:	1300 I Stree	et, N.W.								
City:	_	Washington				8. D	eposit acco	unt numb	er: <u>06-0916</u>		
State:		DC	Zip:	20005-3315							
 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. 											
jaget see Jagets	96 MYH A II				1		2		a w		
Ernest F. Chamman 19 Sut for SEP 2 7 2000											
Signatufe Date Total number of pages including cover sheet, attachments and documents: 2											
		Ic	nal number of p	pages including cover s	sneet	, attachmen	ts and docu	iments:	2		

PATENT REEL: 011184 FRAME: 0186

SOLE/JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

BALLOON CATHETER FOR INTRA-AORTIC BALLOON PUMP APPARATUS

for which I/WE exherewith or on	ecuted an application August 28, 2000	_ or filed a	an applicati	ion for Unite	ed_States Le	ly tters
Patent on May 2	26	_, XIX9 2000	(serial No.	09/578,685); and	
WHEREAS,	AISIN SEIKI KABUSHI	KI KAISHA				
a corporation of	Japan		·	٦٠,	whose post o	ffice
address is 1, As	ahi-machi 2-chome, K	(ariya-shi,	Aichi-ken,	Japan 🐪		
	rred to as Assignee					
	to this invention, the				etters Paten	t on this
invention and the	Letters Patent to l	be issued ur	on this app	lication;	-	
•						

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest—in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful caths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. $\frac{09}{578}$, $\frac{685}{685}$, filed $\frac{\text{May } 26}{2000}$) the filing date and application number of said application when known.

	IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).						
1.	Full Name of sole or First Assignor: Assignor's Signature Takafumi ATSUMI : /aka/umi // Tsumi	: Date : Aug. 28, 2000					
	Address 10-6, Hinode-cho, Anjo-shi, Aichi-ken, Japan	: Citizenship : Japanese					
2.	Full Name of Second Assignor : Assignor's Signature :	: Date :					
	Address	: Citizenship					
3.	Full Name of Third Assignor : Assignor's Signature :	: Date :					
	Address	: Citizenship					

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. . WASHINGTON, D.C.

RECORDED: 09/27/2000

PATENT REEL: 011184 FRAME: 0187