	02-03-2000					
FO	RM PTO-1595/. 12.00 TRANS	RDATION Atty. Docket: BHT/3111/67				
/*(DTo the Commissioner of Patents 101256	l original documents or copy thereof.				
1.	Name of conveying party(ies):	2. Name and address of receiving party(ies):				
	Huan-Jan CHIEN; Pao-Yin OU; Shu-Fen KAO; and Jing-Fuh CHEN	Name: INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE				
	Additional name(s) of conveying party(ies) attached?	Foreign Address: <u>No. 195, Sec. 4, Chung Hsing Rd</u> Chutung Town				
3.	Nature of conveyance:	Hsinchu, Taiwan, R.O.C. $\neg \mathfrak{S} = \mathfrak{S}$				
	X Assignment Merger Security Agreement Change of Name Other	Domestic Address:				
	Execution Date: December 26, 1999	City: State ZIP				
		Additional name(s) & address(es) attached? 🗌 Yes 🛛 🕅 No				
	If this document is being filed together with a new application A. Patent Application No.(s) Additional numbers attached?	B. Patent Registration No.(s)				
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Number of applications and patents involved: One (1)				
	Name:DOUGHERTY & TROXELL					
	5205 Leesburg Pike	7. Total fee (37 CFR 3.41): \$40.00				
	One Skyline Place, Suite 1404	X Enclosed				
ļ	Falls Church, Virginia 22041-3401	Authorized to be charged to deposit account				
	Telephone No.: (703) 575-2711	8. Deposit account number <u>04-1447</u>				
	Facsimile No.: (703) 575-2707	(Attach duplicate copy of this page if paying by deposit account)				
01/2	1/2000 ASRAY1 00000023 09461378 DO NOT USE	THIS SPACE				
9.	Statement and signature.					
	To the best of my knowledge and belief, the foregoing informa original document.	tion is true and correct and any attached copy is a true copy of the				
1	1 2 1					
-	Bruce H. Troxell Name of Person Signing Registration No. 26,592	January 12, 2000 Date				
	Total number of	of pages including cover sheet, attachments, and documents: 3				

PATENT REEL: 010515 FRAME: 0812

ASSIGNMENT

WHEREAS, I (we),; Chien, Huan-Jan; Ou. Pao-Yin; Kao, Shu-Fen; Chen, Jing-Fuh

whose post office address(es) appear(s) below hereinafter referred to as ASSIGNOR, have invented certain new and useful improvement in

Centrifugal Pump Impeller

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was executed on even date herewith

 \square executed on:

□ filed on: Serial No.:

□ established by the PCT International Patent Application No.:

designating the United States of America

WHEREAS Industrial Technology Research Institute

whose post office address is **No.195, Sec.4, Chung Hsing Rd., Chutung Town, Hsinchu, Taiwan, R.O.C.** hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States:

filed:

NOW. THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged. I (we). ASSINGOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application, and the entire right, title and interest in and to the said INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international convention and treaties; and the entire right title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said INVENTION

ALSO, ASSIGNGOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States and in foreign countries for said INVETNION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Assignor Name Chien, Huan-Jan Where Signed	Address: No.9, Ln.189, San Chung Rd., San Chung Li. Chutung Town, Hsinchu, Taiwan, R.O.C.			
Dec.26,1999	Signature Huan-Tom Union			
	(Notarization preferred but not required)			
SS.				
Before me personally appeared said		and acknowledge this		
instrument to be his (her) free act and deed this	day of	19		
Notary Public				
My commission Expires				

PATENT REEL: 010515 FRAME: 0813

ASSIGNMENT

Page _____

Assignor Name Ou, Pao-Yin Where Signed	Address No.79, Nan Ning Rd., Chutung Town, Hisnchu, Taiwan, R.O.C.		
Date Dec.26,1999	Signature OU. (Pa0 -	yie	
	(Notarization	preferred but not required)	
SS.			
Before me personally appeared said		and acknowledge	
this instrument to be his (her) free act and deed this	day of	19	
Notary Public My commission Expires			

Assignor Name Kao, Shu-Fen Where Signed	Address 2F, No.11, Aly.10, Ln.207, Sec.3, Hsing Lung Rd., Taipei, Taiwan, R.O.C
Date Dec.26,1999	Signature Kao, Shu-Fen
	(Notarization preferred but not required)
SS.	
Before me personally appeared said	and acknowledge
this instrument to be his (her) free act and deed this	day of 19
	Notary Public
	My commission Expires

Assignor Name Chen, Jing-Fuh Where Signed	Tien Chung Town, ChangHua, Taiwar R.O.C.	
Dec.26,1999	Signature	Nog Flik
	(Notarization preferred but not required)	
SS.		
Before me personally appeared said		and acknowledge
this instrument to be his (her) free act and deed this	day of	19
	Notary Public My commission Expires	

PATENT REEL: 010515 FRAME: 0814

RECORDED: 01/12/2000