FO	RM FTO-1595	6/13/05	06-23-20	05	Atty. Docket: BHT-3111-647			
	To the Co	ommissioner of Patents			1 original documents or copy thereof.			
1.	Name of conve		10302654	idrace of raceiving porty/iec).				
	Po-Hung YAO; I-Kai PAN; Heng-Chun HUANG; Yu-Nan PAO; Yi-Ting SUN			Name: Industrial Technology Research Institute				
	tu-nan PAU	; YI-TING SUN		Foreign Addres	s: No. 195, Sec. 4, Chung Hsing Rd.			
	Additional name(s) of conveying party(ies) attached?  Yes   X  No		Chutung, Hsinchu, Taiwan, R.O.C.					
					or ==			
3.	Nature of conve	=			010			
	X Assignment Security Ag		erger lange of Name	Domestic Address:				
	Other							
	Execution Date	: May 2, 2005: May 4,	2005 and May 9, 2005	Citv:	State ZIP			
(Re								
		1 ()		Additional name	e(s) & address(es) attached? Yes X No			
4.		nber(s) or patent numb it is being filed together		the execution date	of the application is: May 2, 2005			
	A. Patent App		,		Registration No.(s)			
		Additio	onal numbers attached?	Yes	X No			
5.	Name and address of party to whom correspondence concerning document should be mailed:		6. Number of applications and patents involved: One (1)					
	Name: TROXELL LAW OFFICE PLLC							
		5205 Leesburg Pike	e	7. Total fee (3'	7 CFR 3.41): \$ <u>40.00</u>			
		Suite 1404		☐ Enclosed	1			
	Falls Church, Virginia 22041-3401  Telephone No.: (703) 575-2711		X Authorized to be charged to deposit account					
			inia 22041-3401	8 Denosit acco	ount number 501874			
			8. Deposit account number 501874					
	Facsimile No.:	(703) 575-2707		(Attach dupli	cate copy of this page if paying by deposit account):			
	DO NOT USE THIS SPACE							
9.	Statement and s	signature.	<del></del>					
	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.							
	Bruce H. Troxell			lane	June 13, 2005			
	Name of P	erson Signing	Signa	iture	Date			
	Registratio	on No.26,592						
	Total number of pages including cover sheet, attachments, and documents:							
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PATENT REEL: 016701 FRAME: 0696

## **ASSIGNMENT**

Po-Hung YAO; I-Kai PAN; Heng-Chun HUANG; Yu-Nan PAO; Yi-Ting SUN WHEREAS, I (we), whose post office address(es) appear below, hereinafter referred to as ASSIGNOR, is (are) the owner(s) of certain new and useful improvements in

LIGHT MODULATION ELEMENT

established by PCT International Patent Application No.:  WHEREAS, INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE  none post office address is No.195, Sec.4, Chung Hsing Rd., Chutung, Hsinchu, Taiwan, R.O.C.  reirafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world.  NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell sign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America cluding any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right is and interest in and to said INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to said price and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and ventor certificates which may be granted throughout the world in respect of said INVENTION.  ALSO, ASSIGNOR hereby agrees to executed any documents that legally may be required in connection with the filling, prosecution and maintenance and documents that may be required to affirm the rights of ASSIGNEE is and to said INVENTION. all without further consideration. ASSIGNOR without further consideration and at ASSIGNEE is and to said INVENTION, all without further consideration and at ASSIGNOR in respect of the prosecution, maintenance and defense of any assurances and testimony on behalf or SSIGNEE is active to ASSIGNEE is and to add to provide further assurances and testimony on behalf or SSIGNEE is as the ASSIGNOR betterly authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to solve to ASSIGNOR hereby authorizes and requests the Commissi	(Harring flow as formed to as the INIVENTION) for which an application for I in	And States Latters Potent was
executed on:    fi ed on:		teu states (etters) atent was
is defined on:  Serial No:  Catabolished by PCT International Patent Application No:  WHEREAS, INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE  Loose past office address in No.195, Sec.4, Chung Hsing Rd., Chutung, Hsinchu, Taiwan, R.O.C.  reierafter referred to as ASSIGNEE, is esterious of acquiring the entire right, till and interest in and to the same in the United States and throughout the world;  NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell sign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America childing any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right is and interest in and to the said inventor certificates in respect thereof and it are interest in and to the said inventor certificates in respect thereof and it are interest in and to the said inventor certificates which may be granted throughout the world in respect of said INVENTION.  ALSO, ASSIGNOR hereby agrees to executed any documents that legally may be required in connection with the filing, prosecution and maintenance and application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said INVENTION, including ditional documents that may be required to affirm the rights of ASSIGNEE is and to said INVENTION, all without further consideration. ASSIGNOR as possession or control, and to provide further assurances and testimony on behalf or SSIGNEE that fawfully may be required to affirm the rights of ASSIGNEE is and to said INVENTION, all without further consideration. ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompasses of the patent application or patent encompasses.  ASSIGNEE that fawfully may be required of ASSIGNOR in respect of the prosecutio		
established by PCT International Patent Application No.:  WHEREAS, INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE  none post office address is No.195, Sec.4, Chung Hsing Rd., Chutung, Hsinchu, Taiwan, R.O.C.  reirafter referred to as ASSIGNEE, is desirous of accuriting the entire right, title and interest in and to the same in the United States and throughout the world.  NOW, THEREFORE, for good and valuable consideration, recept of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell sign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America cluding any and all United States Letters Patent granted on any division, continuation, continuation—in-part and reissue of said application; and the entire right is and interest in and to said INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to aim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and active, 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 ventor certificates which may be granted throughout the world in respect of said INVENTION.  ALSO, ASSIGNOR hereby agrees to executed any documents that legally may be required in connection with the filling, prosecution and maintenance and application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said INVENTION, includin, ditional documents that may be required to affirm the rights of ASSIGNEE is and to said INVENTION, all without further consideration. ASSIGNOR is a firm the rights of ASSIGNEE is and to said INVENTION, all without further consideration. ASSIGNOR is a special application or patent application or patent encompasses thin the terms of this instrument.		
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never post office address is No.195, Sec.4, Chung Hsing Rd., Chutung, Hsinchu, Talwan, R.O.C. reierafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;  NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do self sign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said iNVENTION and application throughout the United States of America cluding any and all United States Letters Patent granted on any division, continuation, continuation—in-part and reissue of said application, and the entire right is an 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 aim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and saites; 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 ventor certificates which may be granted throughout the world in respect of said INVENTION.  ALSO, ASSIGNOR hereby agrees to executed any documents that legally may be required in connection with the filing, prosecution and maintenance and application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said INVENTION, including ditional documents that may be required to affirm the rights of ASSIGNEE is and to said INVENTION, all without further consideration and at ASSIGNOE is required to affirm the rights of ASSIGNEE is and to said INVENTION, all without further consideration and at ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompasse thin the terms of this instrument. ASSIGNOR in respect of the prosecution, maintenan	established by PCT International Patent Application No.:	
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ditional documents that may be required to affirm the rights of ASSIGNEE is and to said INVENTION, all without further consideration. ASSIGNOR also trees, without further consideration and at ASSIGNEE s expense, to identify and communicate to ASSIGNEE at ASSIGNEE s request documents and formation concerning the INVENTION that are within ASSIGNOR s possession or control, and to provide further assurances and testimony on behalf of SSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompasses ithin the terms of this instrument. ASSIGNOR s obligations under this instrument shall extend to ASSIGNOR s heirs, executors, administrators and other gal representatives.  ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to the top of the ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE is sole use and behoof; and for the use and behoof assIGNEE is 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 pould have been held by ASSIGNOR had this assignment and sale not been made.  ASSIGNOR authorizes any member of the firm of Troxell Law Office Pilc to insert or complete any information in this document needed to effect its cordal in the U.S. Patent and Trademark Office.  Address No.23, Zhongxing Rd., Luzhu Shiang, Kaohsiung County 821, Taiwan, R.O.C.  Signature  Formation preferred but not required)	ALSO, ASSIGNOR hereby agrees to executed any documents that	legally may be required in connection with the filing, prosecution and maintenance
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formation concerning the INVENTION that are within ASSIGNOR s possession or control, and to provide further assurances and testimony on behalf of SSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompasses (thin the terms of this instrument. ASSIGNOR s obligations under this instrument shall extend to ASSIGNOR s heirs, executors, administrators and other gal representatives.  ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to nove 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. ASSIGNEE is 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 ould have been held by ASSIGNOR had this assignment and sale not been made.  ASSIGNOR authorizes any member of the firm of Troxell Law Office Pilc to insert or complete any information in this document needed to effect its cordal in the U.S. Patent and Trademark Office.  Address No.23, Zhongxing Rd., Luzhu Shiang, Kaohsiung County 821, Taiwan, R.O.C.  Where Signed  Signature  Signature  Signature  Signature  Signature  Signature  Signature  Signature	additional documents that may be required to affirm the rights of ASSIGNEI	E is and to said INVENTION, all without further consideration. ASSIGNOR also
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Address No.23, Zhongxing Rd., Luzhu Shiang, Kaohsiung County 821, Taiwan, R.O.C.  Signature  Signature  (Notarization preferred but not required)	would have been held by ASSIGNOR had this assignment and sale not been n	nade.
Address No.23, Zhongxing Rd., Luzhu Shiang, Kaohsiung County 821, Taiwan, R.O.C.  Signature  Signature  (Notarization preferred but not required)	ASSIGNOR authorizes any member of the firm of Troxell Law O	ffice PIIc to insert or complete any information in this document needed to effect its
Shiang, Kaohsiung County 821, Taiwan, R.O.C.  Where Signed  Signature	recordal in the U.S. Patent and Trademark Office.	`
Date  5/2/2005  Signature  7	Assignor Name Po-Hung YAO	Address No.23, Zhongxing Rd., Luzhu
Signature Dome Signature Domestic Signature Domestic Signature Sig		Shiang, Kaohsiung County 821, Taiwan, R.O.C.
(Notarization preferred but not required)	Where Signed	
Notarization preferred but not required)	Date 5/2/2005	1 ° 4/ ^
	(Notarization preferred but not required)	SS.
Before the personally appeared said	Before me personally appeared said	

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## ASSIGNMENT Page: 2

Assignor Name I-Kai PAN	Address No.14, Qingyun St., Sanmin District, Kaohsiung City 807, Taiwan, R.O.C.					
Where Signed						
Date >005.5, 4	Signature I-Kai Pan					
(Notarization preferred but not required)	SS.					
Before me personally appeared said						
Notary Public						
My Commission Expires:						
Assignor Name Heng-Chun HUANG	Address No.74, Lane 136, Xindong St., Miaoli City, Miaoli County 360, Taiwan, R.O.C.					
Where Signed						
Date 2005-5.9	Signature Houng Hung-Chan.					
(Notarization preferred but not required)	SS.					
Before me personally appeared said  And acknowledged this instrument to be his (her) free ac of	ct and deed this day 2000.					
Notary Public						
My Commission Expires:						
Assignor Name Yu-Nan PAO	Address No.2-1, Lane 8, Fude St., Zhubei City, Hsinchu County 302, Taiwan, R.O.C.					
Where Signed						
Date 2005, 5 9	Signature Yu - Nan Pao					
(Notarization preferred but not required)						
Before me personally appeared said  And acknowledged this instrument to be his (her) free act and deed this						
Notary Public						
Expires:	My Commission					

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## ASSIGNMENT Page: 3

Assignor Name Yi-Ting SUN	Address 3F., No.2, Alley 1, Lane 77, Jingren St., Wenshan District, Taipei City 116, Taiwan, R.O.C.						
Where Signed							
Date >05,59	Signature ( Tog Sun						
(Notarization preferred but not required)							
Before me personally appeared said							
Notary Public	, 2000.						
My Commission Expires:							
Assignor Name	Address						
Where Signed							
Date	Signature						
Ss. (Notarization preferred but not required)							
Before me personally appeared said  And acknowledged this instrument to be his (her) free act and deed this							
Notary Public							
My Commission Expires:							
Assignor Name	Address						
Where Signed							
Date	Signature						
(Notarization preferred but not required)							
Before me personally appeared said							
And acknowledged this instrument to be his (her) free act and deed this day of, 2000.							
Notary Public		Mr. Comm.					
Expires:		My Commission					

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**RECORDED: 06/13/2005** 

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