

Atty. Docket No.: 3313-0342P

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RECURE 101764875

ÆET To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) HUANG, Ding-Wei; CHIU, Tsung-Hsuan; LAI, Yin-Chieh Name: INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE Additional name(s) of conveying party(ies) attached? Internal Address: ☐ YES ☒ NO 3. Nature of conveyance: Street Address: No. 195, Sec. 4, Chung-Hsing Rd., Assignment Assignment Merger Chu-tung Security Agreement Change of Name City: Hsinchu ZIP: State: Other: Country: TAIWAN, R.O.C. Postal Code: Execution Date: March 13, 2001, March 13, 2001, and Additional name(s) & address(es) attached? \(\subseteq \text{YES} \text{ \overline{\text{NO}}} \) March 14, 2001, respectively. 4. 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: March 13, 2001, March 13, 2001, and March 14, 2001, respectively. B. Patent No.(s). A. Patent Application No(s). **NEW** Additional numbers attached? TYES NO 6. Total No. of applications/patents involved: ONE (1) 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 C.F.R. § 3.41): \$40.00 Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP Street Address: P.O. BOX 747 Authorized to be charged to deposit account, City: FALLS CHURCH State: VA ZIP: 22040-0747 if no fee attached. 8. Deposit account number: 02-2448 Country: USA (Attach triplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. 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. Jac Mchaney Man June 25, 2001 Joe McKinney Muncy, #32,334 Name of Person Signing/Reg. No. Total number of pages including cover sheet, attachments, and document: THREE (3)

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(Rev. 01/11/01)

PATENT

REEL: 011928 FRAME: 0601

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

	Application No. NEW	Filed	June 2	<u>25,</u>	2001	
nsert Name(s) f Inventor(s)	WHEREAS, Ding-Wei HUANG					
(8)	Tsung-Hsuan CHIU					
	Yin-Chieh LAI					
	(hereinafter designated as the undersigned) has (have) invented certain	new and useful imp	orovements	s in		
nsert Title f Invention	PLANAR LIGHTWAVE CIRCUIT INTERLEAVER					
	for which an application for Letters Patent of the United States of undersigned (except in the case of a provisional application).	America has been	executed	by th	he	
nsert Date f Signing of Application	on March 13, 2001; March 13, 2001, and March 14, 2001 respectivelyan					
nsert Name f Assignee	WHEREAS, Industrial Technology Research Institute					
nsert Address f Assignee	of No. 195, Sec. 4, Chung-Hsing Rd., Chu-Tung, Hsinchu, Taiwan, R.O.C.					
CHECK BOX F APPROPRIATE	its heirs, successors, legal representatives and assigns (hereinafter design acquiring the entire right, title and interest in and to said invention and may be granted therefor in the United States of America and in any foreign countries.					
	NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10 the receipt of which is hereby acknowledged, and other good and valhas (have) sold, assigned and transferred, and by these presents doe Assignee the full and exclusive right to the said invention in the Unidependencies and possessions and the entire right, title and interest in which may be granted therefor in the United States of America, its terriand if the box above is designated, in any and all foreign countries;	uable consideration es sell, assign and ted States of Amer and to any and al	n, the unde transfer un rica, its ten Il Letters P	ersigne nto sa ritorie atent(ed aid es, (s)	
	and to any and all divisions, reissues, continuations, conversions and e	extensions thereof f	or the full	term	or	

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PATENT REEL: 011928 FRAME: 0602 The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

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

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the 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.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	Mar. 13, 2001,	Name of Inventor	g-Wei HUANG
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Date	Jay 13, 200	Name of Inventor	1-hour Chici ng-Houan CHIU
		(signature) 1 su	ng-Hsuan CHIU
Date	May 14, 2001,	Name of Inventor	
		(signature) Yin	-Chieh LAI
Date		Name of Inventor	
	,	(signature)	
Data			
Date	,	Name of Inventor (signature)	
Date		Name of Inventor	
		(signature)	

October 1998