FORM PTO-2:295 (Rev. 6-93) (LUC) RECC 12-28 OMB No. 0651-0011 (exp. 4/94) (LUC) RECC 12-28	Patent and Trademark Office				
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To the Honorable Commissioner of Paten 10123	ed original documents or copy thereof.				
1. Name of conveying party(ies): Chu-Kuang LIU	2. Name and address of receiving party(ies) DELTA ELECTRONICS, INC. Name:				
Additional name(s) of conveying party(les) attached? Yes XX No	Internal Address:				
3. Nature of conveyance:					
XX Assignment Merger	Street Address: 31-1, Shien Pan Rd., Kuei San Industrial Zone,				
Security Agreement Change of Name	Taoyuan Shien, Taiwan, R.O.C.				
Other					
Execution Date: October 28, 1999	Additional name(s) & address(es) attached? Yes No				
4. Application number(s) or patent number(s):	ATTORNEY DOCKET NO.: 1056-48				
If this document is being filed together with a new application	on, the execution date of the application is: October 28, 1999				
A. Patent Application No.(s)	B. Patent No.(s)				
	09/456351				
Additional numbers a					
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:				
LAFF, WHITESEL, CONTE & SARET, LTD. attorneys at law 401 NORTH MICHIGAN AVENUE	7. Total fee (37 CFR 3.41)\$ 40.00				
CHICAGO, ILLINOIS 60611-4212	XX Enclosed				
Direct Telephone Calls to: <u>J. Warren Whitesel</u> at telephone No. (312) 661-2100. Fax (312) 661-0029	Authorized to be charged to deposit account				
CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231 on	8. Deposit account number: 12-0064				
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9. Statement and signature					
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J. Warren Whitesel /// Uk. Name of Person Signing	Signature December 8, 1999				
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Mail documents to be recorded with	required cover sheet information to:				
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REEL: 010453 FRAME: 0321

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) Chu-Kuang Liu

HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

(2) Delta Electronics Inc.

having a place of business at

(3) <u>31-1, Shien Pan Rd., Kuei San Industrial Zone, Taoyuan Shien, Taiwan, R.O.C.</u> (hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

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which application was:

(a) executed by the undersigned on (5a) Oct. 28, 1999

(b) filed on (5b)

and assigned Serial No.

including any and all United States letters Patents which may be granted on said application, and any and all extensions, divisions, reissues, substitutes, renewals or continuations of said application and patents, and the right to all benefits under all international conventions for the protection of industrial property and applications for said improvements.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee, its assigns or its successors in interest or its designee.

Upon said consideration, it is further agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said Assignee shall consider desirable for aiding in securing and maintaining patent protection as provided herein.

DATE:	INVENTOR(S)		<u>[</u> _
Oct. 28, 1999	Chu-kuang Liu	Chu - Duang	In
			<u> </u>
WITNESSES:			