Form PTO-1595 (Rev. 10/02) RECORD OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼	DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office			
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.			
Name of conveying party(ies): Glen C. Shepherd	Name and address of receiving party(ies) Name: Solectron Corporation Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes No				
3. Nature of conveyance: ✓ Assignment	Street Address: 847 Gibraltar Drive Building 5			
Other	City: MilpitasState: CA Zip: 95035			
Execution Date: June 1, 2004	Additional name(s) & address(es) attached? Yes V			
A. Patent Application No.(s) 10/774,115	B. Patent No.(s) B. Patent No.(s) ttached? Yes No			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name:Robert Moll Internal Address:	7. Total fee (37 CFR 3.41)\$_40 Enclosed Authorized to be charged to deposit account			
Street Address: 1173 St. Charles Court	8. Deposit account number: OPR/FINANCE ANCE			
City: Los Altos State: CA Zip: 94024	ACE 7: C			
DO NOT US	E THIS SPACE 0			
Name of Person Signing	Signature Date			

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION.

I/We, the undersigned (each) have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer and set over unto

Solectron Corporation having a place of business as of the date of this assignment at <u>847 Gibraltar Drive</u>, <u>Building 5, Milpitas</u>, <u>CA 95035</u> and its successors, assigns and legal representatives, the full and exclusive right, title and interest, for all countries in and to certain inventions relating to

A Substrate with Via and Pad Structures described in an application for United States Patent (the Patent), filed on February 6, 2004 as U.S. Application No. 10/774,115, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for the application for the Patent, and all the rights and privileges under any and all Patents that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of the Patent. We request that any and all Patent for the inventions be issued to the Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I/We agree that, when requested, we will, without charge to the Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in the Assignee, its successors, assigns and legal representatives or nominees.

I/We authorize and empower the Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

I/We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document, which may be required in any country for any purpose and more particularly in proof of the right of the Assignee or nominee to claim the benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

I/We covenant with the Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

I/We hereunto sign our names below at	Austin (city)		(state)	TX	
on this 1 st day of (day)	June ,		(year)		
Ala C. Sheph		6-1-	.04		
Glen C. Shepherd					
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PATENT RECORDED: 06/07/2004 REEL: 015419 FRAME: 0216