FORM PTO-1595	RECORDATION FORM COVER SHEET	U.S. DEPARTMENT OF COMMERCE	
(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)	PATENTS ONLY	Patent and Trademark Offic Attorney Docket No. 100.536US0	
	ents and Trademarks: Please record the attached ori	ginal documents or copy thereof.	
1. Name of conveying party(ics):	2. Name and add	2. Name and address of receiving party(ies):	
Gary Gottlieb	Name: ADC DSL	Systems, Inc.	
Additional name(s) of conveying party(ics)	attached?Yes _X_No		
3. Nature of conveyance:	Street Address: 13	625 Technology Drive	
X Assignment Merger Security Agreement Change of Other	f Name City: Eden Prairie	State: MN ZIP: 55344-2252	
Execution Date: October 28, 2003	Additional name(s) &	s) & address(es) attached?Yes _X No	
NOTICE OF NON-RECORDA DOCUMENT ID NO.: 1025952	TION <u>49</u>		
4. Application number(s) or patent no	umber(s):		
A. Patent Application No(s). Title: PRINTED CIRCUIT B	SOARD WITH VOID BETWEEN PINS	plication is:	
Additional numbers attached? Yes X 5. Name and address of party to who			
concerning document should be maile		of applications and patents involved: 1	
Name: Jon M. Powers Address: Fogg and Associates, LLC P.O. Box 581339 Minneapolis, MN 55458-1339	7. Total fee (37 C	FR §3.41): \$ Fee previously submitted	
	Enclosed 339 Enclosed Authoriz enclose	ed to be charged to Credit Card per ed Form PTO-2038	
		ny additional fees or credit any Deposit account number: <u>502432</u>	
-	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 c	nny attached copy is an original or a true	
copy of the original document.	1.M. D	1 1	

Total number of pages including cover sheet, attachments, and document(s): 5

Signature

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

Documents faxed to 703-306-5995 to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services Commissioner for Patents PO Box 1450

Alexandria, VA 22313

PATENT

700092785

Jon M. Powers, Reg. No. 43,868

Name of Person Signing

REEL: 014755 FRAME: 0073

OMB No. 0651-0011 (exp. 4/94)	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Attorney Docket No. 100.536US01
To the Honorable Commissioner of Patents and	2595249eu original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Gary Gottlieb	N ADGDSI Sustana Yan
	Name: ADC DSL Systems, Inc. NOV 3 200
Additional name(s) of conveying party(ics) attached?Yes _X_No	Town Address 12005 Technology Dalain
3. Nature of conveyance:	Street Address: 13625 Technology Drive
X Assignment _ Merger	\(\frac{1}{2} \)
_ Security Agreement _ Change of Name _ Other	City: Eden Prairie State: MN ZIP: 55344-2252
Execution Date: October 28, 2003	Additional name(s) & address(es) attached?Ycs _XNo
4. Application number(s) or patent number(s):	
If this document is being filed together with a new applicat	tion, the execution date of the application is: October 27, 2003
A. Patent Application No(s).	B. Patent No(s).
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Jon M. Powers Address: Fogg & Associates, LLC P.O. Box 581339 Minneapolis, MN 55458-1339	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR §3.41): \$40.00 X Enclosed Authorized to be charged to deposit account 8. Please charge any additional fees or credit any overpayments to Deposit account number: 502432
DO NOT	USE THIS SPACE
9. Statement and signature.	
Jon M. Powers / Reg. #43,868 Name of Person Signing Total number of pages including committee Mail documents to be recorded Committee Box	tion is true and correct and any attached copy is an original or a true
FC:8021 40.00 GP	

PATENT **REEL: 014755 FRAME: 0074** N-21-2004(MON) 10:15

ASSIGNMEN'T

WHEREAS, I, Gary Gottlieb, residing at, 9 Carlton, Irvine, CA 92620, made certain new and useful inventions and improvements for which I executed an application for Letters Patent of the United States filed herewith which is entitled PRINTED CIRCUIT BOARD WITH VOID BETWEEN PINS (the "Application").

AND WHEREAS, ADC DSL Systems, Inc., a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having an office and place of business at 13625 Technology Drive, Eden Prairie, Minnesota, 55344-2252, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the Application and in and to the Letters Patent to be obtained therefor:

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the Application, and in and to the Application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignce, its successors and assigns.

AND, for the consideration identified above, I do agree that me and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to the Assignce, its successors and representatives all facts known to me relating to the improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in the Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits. privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

> PATENT REEL: 014755 FRAME: 0075

Assignment · Title: PRINTED CIRCUIT BOARD WITH VOID BETWEEN PINS US APPLICATION SERIAL NO.: UNASSIGNED PAGE 2 OF 2

ATTORNEY DOCKET: 100_536US01

AND, furthermore I covenant and agree with the Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28 day of Detober 2003.

COUNTY of ONANG 5

On this 29 day of OctoBer , 2003, before me personally appeared Gary Gottlieb to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

> HARLANT, SCHUBERT Commission ≠ 1328892 Notary Public - California Orange county

My comm. Expires Nov 6, 2005

RECORDED: 11/03/2003

Notary Public

PATENT REEL: 014755 FRAME: 0076