FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)



ER SHEET Υ

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Attorney Docket No. 100.339US01

To the Honorable Commissioner of Patents and Trademarks: Ple	ase record the attached original documents or copy thereof.
1. Name of conveying party(ies):  Jeffrey Oliver, Lovlesh Tandon //. 9.0/	2. Name and address of receiving party(ies):  Name: ADC DSL Systems, Inc.  Street Address: 13625 Technology Drive
Additional name(s) of conveying party(ies) attached?Yes _X_No	10/
3. Nature of conveyance:	Street Address: 13625 Technology Drive
X Assignment _ Merger _ Security Agreement _ Change of Name _ Other	City: <u>Eden Prairie</u> State: <u>MN</u> ZIP: <u>55344</u>
Execution Date: November 8, 2001	Additional name(s) & address(es) attached?Yes _X_No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application	on, the execution date of the application is: November 8, 2001
A. Patent Application No(s). /0/00865	B. Patent No(s).
Title: HARDWARE CONTROLLER AND MONIT	ГOR
Additional numbers attached? Yes X No  5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Laura A. Ryan Address: Fogg Slifer & Polglaze, P.A. P.O. Box 581009 Minneapolis, MN 55458-1009	<ul> <li>7. Total fee (37 CFR §3.41): \$\(\frac{40.00}{2}\)</li> <li>\(\frac{X}{2}\) Enclosed  Authorized to be charged to deposit account</li> <li>8. Please charge any additional fees or credit any overpayments to Deposit account number: 501373</li> </ul>
DO NOT U	USE THIS SPACE
9. Statement and signature.  To the best of my knowledge and belief, the foregoing informatic copy of the original document.  Laura A. Ryan/ Reg. #49,055  Name of Person Signing  Signature	on is true and correct and any attached copy is an original or a true  OGNOUNDELDED  Date
Total number of pages including cov	ver sheet, attachments, and document(s): 4
Commiss Box	with required cover sheet information to: sioner of Patents Assignments gton, D.C. 20231

**PATENT** 

**REEL: 012372 FRAME: 0382** 

## ASSIGNMENT

WHEREAS, We, <u>Jeffrey Oliver</u>, residing at, <u>13800 Parkcenter Lane</u>, <u>Apt #118, Tustin</u>, <u>CA 92782</u>, and <u>Lovlesh Tandon</u>, residing at, <u>566 Payson Street</u>, <u>San Dimas</u>, <u>CA 91773</u>, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States <u>filed herewith</u> which is entitled **HARDWARE CONTROLLER AND MONITOR** (the "Application").

AND WHEREAS, <u>ADC DSL Systems</u>, <u>Inc.</u>, 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 <u>13625 Technology Drive</u>, <u>Eden Prairie</u>, <u>Minnesota</u>, <u>55344-2252</u>, (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, we 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 we 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 Assignee, its successors and assigns.

AND, for the consideration identified above, we do agree that we and our 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 Assignee, its successors and representatives all facts known to us 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.

REEL: 012372 FRAME: 0383

Assignment

Title: HARDWARE CONTROLLER AND MONITOR

ATTORNEY DOCKET: 100.339US01

PAGE 2 OF 3

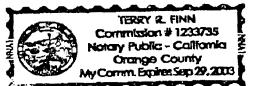
AND, furthermore we covenant and agree with the Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed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

IN TESTIMONY WHEREOF, I have hereunto set my hand this & day of Wovember, 2001.

Jeffrey Robert Oliver

STATE OF CALIFORNIA )ss. COUNTY OF ORMAGE

On this 2 day of No Jew Bell, 2001, before me personally appeared <u>Jeffrey Oliver</u> 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.



1-08-01

Assignment

Title: HARDWARE CONTROLLER AND MONITOR

ATTORNEY DOCKET: 100.339US01

PAGE 3 OF 3

IN TESTIMONY WHEREOF, I have hereunto set my hand this 8th day of November 2001.

STATE of CALIFORNIA

RECORDED: 11/09/2001

On this Lady of Novem Ben 2001, before me personally appeared Lovlesh Tandon 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.

[SEAL]



Jan R- France Notary Public

**PATENT** 

REEL: 012372 FRAME: 0385