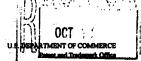
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FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) MatG-2316.1063US01

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To the Commissi	ioner of Patents and Trademarks: Please record the attached original documents or	copy thereof.
1. Name of	f conveying party(ies):	2. Name and address of receiving party(ies):
Brian L	Johnson 10-12. 49	ADC Telecommunications, Inc. 12501 Whitewater Drive Minnetonka, Minnesota 55343
3. Nature o	(a) of conveying party(ies) attached? Yes E No of conveyance: signment	Additional name(s) & address(ss) attached? Yes 58 No
□ Ott	ner:	
	Date: August 12, 1999	
4. Applica	tion number(s) or patent number(s):	
* -	THE RESERVE AND ADDRESS OF THE PARTY OF THE	a evenution data of the conficction is:
lf this de	ocument is being filed together with a new application, th	e execution take of the application is.
A. Patent Application No.(s)		B. Patent No.(s)
(09/366,8	814, filed August 4, 1999	
	Additional numbers atte- nd address of party to whom correspondence concerning	6. Total number of applications and patents involved:
5. Name al	nd address of party to whom correspondence concerning	O. 1 Ottal mullion of applications and parents involves.
docattern a	HOUSE OF HARME.	7. Total fee (37 CFR 3.41): \$40.00
Name:	Steven C. Bruess	Enclosed Authorized to be charged to deposit account
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	90 South Seventh Street	overpayments to our Deposit account number: 13-2725
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To the b	best of my knowledge and belief, the foregoing information	on is true and correct and any attached copy is a true copy of the
	-2401	77 October 6 .1999
Steven C. B		<u> </u>
Name of Pe	erson Signing	Signature Total number of pages including cover sheet, attachments, and document:
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Public but document Patent and Reduction	rden reporting for this sample cover sheet is estimated to average shott and gathering the data needed, and completing and reviewing the sam demark Office, Office of information systems, PK2-1000C, Wasia Project (0651-0011), Washington, D.C. 20503.	. D.C. 2023; 30 minutes per document to be recorded, including time for reviewing the ple cover sheet. Send comments regarding this burden estimate to the U.S. hington, D.C. 20231, and to the Office of Management and Budget, Paperwork
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PATENT REEL: 010297 FRAME: 0127

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ASSIGNMENT

WHEREAS, I, Brian L. Johnson, residing at 7670 Berkshire Way N., Maple Grove, Minnesota 55311, made certain new and useful inventions and improvements for which I filed an application for Letters Patent of the United States on August 4, 1999, which is entitled CABLE GUIDING TROUGH, Attorney Docket No. 2316.1063US01.

AND WHEREAS, ADC Telecommunications, Inc., a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 12501 Whitewater Drive, Minnetonka, Minnesota 55343 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and 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 and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid 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 aforesaid 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 aforesaid, I do hereby agree that I 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 said Assignee, its successors and representatives all facts known to me relating to said 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 said 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: 010297 FRAME: 0128 AND, furthermore I covenant and agree with said 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.

Ougust, 1999.

STATE OF Members) ss.

On this 12th day of day of day 1999, before me personally appeared Brian L.

Johnson 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]

JOEL K. MATTHEWS
MOTARY PUBLIC - MINNESOTA
HENNEPIN COUNTY
My Gorrin, Expires Jan. 31, 2000

Northy Public

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PATENT ; REEL: 010297 FRAME: 0129