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HEET

U.S. DEPARTMENT OF COMMERCE  
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9-2501

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<p>1. Name of conveying party(ies):</p> <p>Nan Zhang Hong Zhang Arden L. Olson</p>	<p>2. Name and address of receiving party(ies):</p> <p>ADC Telecommunications, Inc. 12501 Whitewater Drive Minnetonka, Minnesota 55343</p>
<p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>

3. Nature of conveyance:

Assignment       Merger  
 Security Agreement       Change of Name  
 Other:

Execution Date: September 13, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)      B. Patent No.(s)

09/815,170

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Natalie D. Kadievitch  
Address: Merchant & Gould P.C.  
P.O. Box 2903  
Minneapolis, MN 55402-0903

6. Total number of applications and patents involved: \_\_\_\_\_

7. Total fee (37 CFR 3.41): \$40.00  
 Enclosed  
 Authorized to be charged to deposit account:

8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725



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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Natalie D. Kadievitch      *Natalie D. Kadievitch*      September 21, 2001  
Name of Person Signing      Signature      Date

Total number of pages including cover sheet, attachments, and document: 1

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**ASSIGNMENT**

WHEREAS, we, Nan Zhang, residing at 483 Greenview Drive, Chanhassen, Minnesota 55317, Hong Zhang, residing at 6301 Pleasant Avenue, Richfield, Minnesota 55423 and Arden L. Olson, residing at 6625 Tanager Lane, Eden Prairie, Minnesota 55346, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on March 22, 2001, application Serial No. 09/815,170 which is entitled APPARATUS AND METHOD FOR SENSING SWITCHING POSITIONS OF A MEMS OPTICAL SWITCH.

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, we 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 we 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, we do hereby 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 said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be




IN TESTIMONY WHEREOF, I have hereunto set my hand this 13<sup>th</sup> day of SEPTEMBER, 2001.

Hong Zhang  
Hong Zhang

STATE OF MINNESOTA )  
 ) ss.  
COUNTY OF SCOTT )

On this 13<sup>th</sup> day of SEPTEMBER 2001, before me personally appeared Hong Zhang 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.

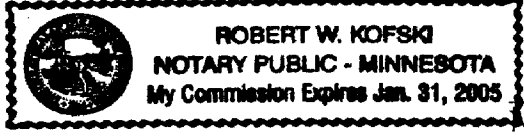
[SEAL]  Robert W. Kofski  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13<sup>th</sup> day of SEPTEMBER, 2001.

Arden L. Olson  
Arden L. Olson

STATE OF MINNESOTA )  
 ) ss.  
COUNTY OF SCOTT )

On this 13<sup>th</sup> day of SEPTEMBER 2001, before me personally appeared Arden L. Olson 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]  Robert W. Kofski  
Notary Public