

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Joe Polland</td> <td>11/12/2007</td> </tr> <tr> <td>Manish Sharma</td> <td>11/12/2007</td> </tr> <tr> <td>Xinkuan Zhou</td> <td>11/12/2007</td> </tr> </tbody> </table>		Name	Execution Date	Joe Polland	11/12/2007	Manish Sharma	11/12/2007	Xinkuan Zhou	11/12/2007
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Joe Polland	11/12/2007								
Manish Sharma	11/12/2007								
Xinkuan Zhou	11/12/2007								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	ADC Telecommunications, Inc.								
<b>Street Address:</b>	13625 Technology Drive								
<b>City:</b>	Eden Prairie								
<b>State/Country:</b>	MINNESOTA								
<b>Postal Code:</b>	55344-2252								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12036644</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12036644				
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Application Number:	12036644								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(612)332-4731								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	612-332-4720								
<b>Email:</b>	docketing@fogglaw.com								
<b>Correspondent Name:</b>	FOGG & POWERS LLC								
<b>Address Line 1:</b>	10 SOUTH FIFTH STREET								
<b>Address Line 2:</b>	SUITE 1000								
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402								
<b>ATTORNEY DOCKET NUMBER:</b>	100.822US01								
<b>NAME OF SUBMITTER:</b>	Lisa D. Gentry								

Total Attachments: 3  
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**500471600**

**PATENT  
 REEL: 020554 FRAME: 0880**

**OP \$40.00 12036644**

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### ASSIGNMENT

WHEREAS, we, Joe Polland residing at 13800 Chestnut Drive, Eden Prairie, MN 55344, US; Manish Sharma residing at 13000 Dahlia Circle Apt. 305, Eden Prairie, MN 55344, US; and Xinkuan Zhou residing at 8685 Magnolia Trail, Eden Prairie, MN 55344, US; made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States filed herewith, entitled POINT TO MULTIPOINT CROSSLINK (the "Application").

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 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, 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, continuations-in-part, 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.

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 12 day of November, 2007.

Assignment

Title: «Case\_TitleOrMark»

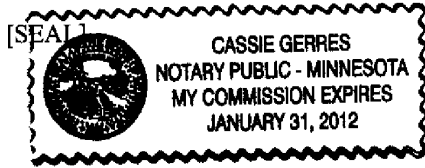
ATTORNEY DOCKET: «CASE\_CASENUMBER»

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for Polland  
Joe Polland

STATE of MN )  
 )ss.  
COUNTY of Scott )

On this 12 day of November, 2007, before me personally appeared Joe Polland 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.



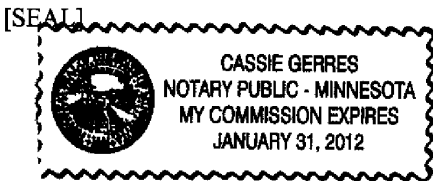
Cassie Gerres  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 12 day of November, 2007.

Manish Sharma  
Manish Sharma

STATE of MN )  
 )ss.  
COUNTY of Scott )

On this 12 day of November, 2007, before me personally appeared Manish Kumar Sharma 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.



Cassie Gerres  
Notary Public

Assignment

Title: «Case\_TitleOrMark»

ATTORNEY DOCKET: «CASE\_CASENUMBER»

PAGE 3 OF 3

IN TESTIMONY WHEREOF, I have hereunto set my hand this 12 day of November, 2007.

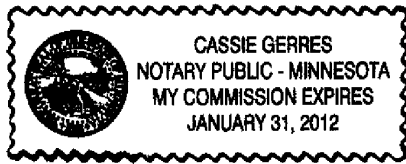
*Xinkuan Zhou*

Xinkuan Zhou

STATE of MN )  
COUNTY of Scott )ss.

On this 12 day of November, 2007, before me personally appeared Xinkuan Zhou 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]



*Cassie Gerres*

Notary Public