

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2775314

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JOHN M. HEDIN	06/21/2011
RECEIVING PARTY DATA		
Name:	ADC TELECOMMUNICATIONS, INC.	
Street Address:	1187 PARK PLACE	
City:	SHAKOPEE	
State/Country:	MINNESOTA	
Postal Code:	55379	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	13165294
CORRESPONDENCE DATA		
Fax Number:	(952)465-0771	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>		
Email:	docketing@fogglaw.com	
Correspondent Name:	FOGG & POWERS LLC	
Address Line 1:	5810 W 78TH ST	
Address Line 2:	SUITE 100	
Address Line 4:	MINNEAPOLIS, MINNESOTA 55439	
ATTORNEY DOCKET NUMBER:	100.1186US01	
NAME OF SUBMITTER:	EMILY J. RELLER	
SIGNATURE:	/Emily J. Reller/	
DATE SIGNED:	03/19/2014	
Total Attachments: 2		
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ASSIGNMENT

WHEREAS, we, James Robert Grenier residing at 5400 W 106th St, Bloomington, MN 55437-2702, US, and John M. Hedlin residing at 1506 99th Circle, Coon Rapids, MN 55433-6407, 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 END-TO-END DELAY MANAGEMENT FOR DISTRIBUTED COMMUNICATIONS NETWORKS (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, MN 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 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 Assignee, 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.

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.

Assignment

Title: END-TO-END DELAY MANAGEMENT FOR DISTRIBUTED COMMUNICATIONS NETWORKS

ATTORNEY DOCKET: 100.1186US01

PAGE 2 OF 2

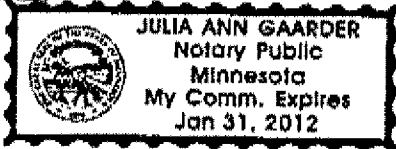
IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of June,
2011.

STATE of MN)
)ss.
COUNTY of HENNEPIN

James Robert Grenier
James Robert Grenier

On this 21st day of JUNE, 2011, before me personally appeared James Robert Grenier to me known to be the person described herein 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]



Julia A. Gaarder
Notary Public

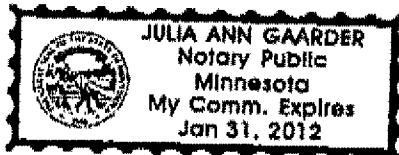
IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of JUNE,
2011.

STATE of MN)
)ss.
COUNTY of HENNEPIN

John M. Hedén
John M. Hedén

On this 21st day of JUNE, 2011, before me personally appeared John M. Hedén to me known to be the person described herein 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]



Julia A. Gaarder
Notary Public