503165779 02/04/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3212394

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MOHAMMAD H. RAZA	05/03/2010
KAMLESH G. PATEL	04/29/2010
JOHN P. ANDERSON	04/28/2010
JOSEPH C. COFFEY	04/28/2010

RECEIVING PARTY DATA

Name:	ADC TELECOMMUNICATIONS, INC.
Street Address:	1050 WESTLAKES DR
City:	BERWYN
State/Country:	PENNSYLVANIA
Postal Code:	19312

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14614039

CORRESPONDENCE DATA

Fax Number: (952)465-0771

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: docketing@fogglaw.com

Correspondent Name: FOGG & POWERS LLC

Address Line 1: 4600 W 77TH ST

Address Line 2: SUITE 305

Address Line 4: MINNEAPOLIS, MINNESOTA 55435

ATTORNEY DOCKET NUMBER:	100.1162US02
NAME OF SUBMITTER:	JENNIFER SWANSON
SIGNATURE:	/Jennifer Swanson/
DATE SIGNED:	02/04/2015

Total Attachments: 3

503165779

source=00470831#page1.tif source=00470831#page2.tif source=00470831#page3.tif

ASSIGNMENT

WHEREAS, we, Mohammad H. Raza residing at 59 West Elm Street, Hopkinton, MA 01748, US; Kamlesh G. Patel residing at 2542 Bridle Creek Trail, Chanhassen, MN 55317, US; John P. Anderson residing at 18637 Jacques Court, Eden Prairie, MN 55346, US; and Joseph C. Coffey residing at 2420 O'Meara Court, Burnsville, MN 55306, US made certain new and useful inventions and improvements for which an application for Letters Patent of the United States was filed on 2/12/2010 and assigned U.S. Serial No. 12/705,506, entitled NETWORK MANAGEMENT SYSTEMS FOR USE WITH PHYSICAL LAYER INFORMATION (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.

APPLICATION SERIAL NO. 12/705,506 ATTORNEY DOCKET: 100.1162US01 PAGE 2 OF 3
IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 day of May, 2010,
2010. Mohammad H. Raza
STATE of
STATE of MW))ss. COUNTY of HEUNEPIN
On this 3 th day of 744, 2010, before me personally appeared Mohammad H. Raza 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] JULIA ANN GAARDER Notary Public Minnesota My Comm. Expires Jan 31, 2012 Notary Public
IN TESTIMONY WHEREOF, I have hereunto set my hand this day of Ramlesh G. Patel
STATE of MV STATE of MV
STATE of MN)ss. COUNTY of HENNE PIN
On this APRIL, 2010, before me personally appeared Kamlesh G. Patel 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] JULIA ANN GAARDER Notary Public Minnesota My Comm. Expires Jan 31, 2012

Title: NETWORK MANAGEMENT SYSTEMS FOR USE WITH PHYSICAL LAYER INFORMATION

Assignment

Assignment Title: NETWORK MANAGEMENT SYSTEMS FOR USE WITH PHYSICAL LAYER INFORMATION APPLICATION SERIAL No. 12/705,506 ATTORNEY DOCKET: 100.1162US01 PAGE 3 OF 3 IN TESTIMONY WHEREOF, I have hereunto set my hand this day of April 2010. STATE of MN)ss.
COUNTY of HENNEPN On this 28th day of APRIL , 2010, before me personally appeared John P. Anderson 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. [SEA] Inlined . Grander JULIA ANN GAARDER Notary Public Minnesota My Comm. Expires Jan 31, 2012 IN TESTIMONY WHEREOF, I have hereunto set my hand this 2//day of //day of Joseph C. Coffey 2010. STATE of MN)ss.
COUNTY of HENNEP N

On this 28 day of APRIL, 2010, before me personally appeared Joseph C. Coffey 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]

RECORDED: 02/04/2015

JULIA ANN GAARDER Notary Public Minnesota My Comm. Expires Jan 31, 2012 Julian Gaarder Notary Public