12/02/2015 503593593

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3640223

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSEPH C. COFFEY	06/25/2013
KAMLESH G. PATEL	10/23/2014
KEVIN GLENN RESSLER	06/25/2013
HUTCH COBURN	11/21/2014

RECEIVING PARTY DATA

Name:	ADC TELECOMMUNICATIONS, INC.
Street Address:	501 SHENANDOAH DRIVE
City:	SHAKOPEE
State/Country:	MINNESOTA
Postal Code:	55379

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14957288

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.

Phone: 952-465-0770

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:	100.1239US02
NAME OF SUBMITTER:	DANIELLE N. SUESS
SIGNATURE:	/Danielle N. Suess/
DATE SIGNED:	12/02/2015

Total Attachments: 11 source=00515946#page1.tif source=00515946#page2.tif

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WHEREAS, we, Joseph C. Coffey residing at 2420 O'Meara Court, Burnsville, MN 55306, US; Kamlesh G. Patel residing at 2542 Bridle Creek Trail, Chanhassen, MN 55317, US; Kevin Glenn Ressler residing at 107 Butterfield Court, Chapel Hill, NC 27516, US; and Hutch Coburn residing at 17103 Trenton Lane, Eden Prairie, MN 55347, 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 PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE (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 1187 Park Place, Shakopee, Minnesota, 55379-3817, (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.

Assignment Title: PHYSICAL LAYER MANAGEMENT FOR AN ACT	TIVE OPTICAL MODULE
ATTORNEY DOCKET: 100.1239US01	TO THE TENENT MODELL
PAGE 2 OF 3	
IN TESTIMONY WHEREOF, I have hereunto	set my hand this 25 day of June,
IN TESTIMONY WHEREOF, I have hereunto 2013.	Jule Coffe
STATE of W	Joseph C. Coffey
STATE of	
On this 25 day of 201 me known and known to me to be the person described duly acknowledged to me that he executed the same for	3, before me personally appeared Joseph C. Coffey to in and who executed the foregoing instrument, and he the uses and purposes therein set forth.
[SEAL] STACY LYNN SCHMITZ NOTARY PUBLIC MINNESOTA My Commission Expires Jan 31, 2015	Notary Public
IN TESTIMONY WHEREOF, I have hereunto 2013.	set my hand thisday of,
	Kamlesh G. Patel
STATE of)	
COUNTY of)ss.	
On this day of, 201 me known and known to me to be the person described duly acknowledged to me that he executed the same for	
[SEAL]	
	Notary Public

PAGE 3 OF 3	
IN TESTIMONY WHEREOF, I have hereunto set my b 2013.	and thisday of
Kevin	Glenn Ressler
STATE of) ss. COUNTY of)	Otom Ressict
On this	who executed the foregoing instrument, and he
[SEAL]	
Notary	Public
IN TESTIMONY WHEREOF, I have hereunto set my b 2013.	and thisday of
Hutch	Cobum
STATE of	
)ss. COUNTY of)	
On this day of, 2013, before known and known to me to be the person described in and who acknowledged to me that he executed the same for the uses and	executed the foregoing instrument, and he duly
[SEAL]	

Notary Public

Title: PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE

Assignment

ATTORNEY DOCKET: 100.1239US01

WHEREAS, we, Joseph C. Coffey residing at 2420 O'Meara Court, Burnsville, MN 55306, US; Kamlesh G. Patel residing at 2542 Bridle Creek Trail, Chanhassen, MN 55317, US; Kevin Glenn Ressler residing at 107 Butterfield Court, Chapel Hill, NC 27516, US; and Hutch Coburn residing at 17103 Trenton Lane, Eden Prairie, MN 55347, 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 PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE (the "Application").

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NOW, THEREPORE, 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.

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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 Fille: PHYSICAL LAYER MANAGEMENT FOR AN ATTORNEY DOCKET: 100.1239US01 PAGE 2 OF 3	ACTIVE OPTICAL MODULE
IN TESTIMONY WHEREOF, I have here	unto set my hand thisday of,
2013.	
	Joseph C. Coffey
STATE of	,
STATE of))ss. COUNTY of)	
On this day of me known and known to me to be the person descr duly acknowledged to me that he executed the sam	, 2013, before me personally appeared Joseph C. Coffey to fibed in and who executed the foregoing instrument, and he for the uses and purposes therein set forth.
[SEAL]	
	Notary Public
IN TESTIMONY WHEREOF, I have here 2013.	eunto set my hand thisday of,
	Kamlesh G. Patel
STATE of	
STATE of)	
On this day of me known and known to me to be the person deso duly acknowledged to me that he executed the sar	., 2013, before me personally appeared Kamlesh G. Patel to ribed in and who executed the foregoing instrument, and he ne for the uses and purposes therein set forth.
[SEAL]	
	Natary Public

IN TESTÉMONY WHEREOF, I have herea 2013.	unto set my hand this 25th day of
STATE OF <u>Aggreen</u> COUNTY OF Greet are)	<u>Kurin Aleman Runda</u> Kevin Gionn Ressior
On millimping of 64.16 one des	2013, before me personally appeared Kevin Glenn Ressler cribed in and who executed the foregoing instrument, and he e for the uses and purposes therein set forth. Notary Public TOMAS MERCENNIA (NORMAL CONTRACTOR CONTRAC
IN TESTIMONY WHEREOF, I have heres 2013.	unto set my hand thisday of,
STATE of))ss. COUNTY of)	Hutch Coburn ,
On this day of,	2013, before me personally appeared Hutch Coburn to me in and who executed the furegoing instrument, and he duly the uses and purposes therein set forth.
SEAL]	
	Notary Public

Assignment
Title: PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE

ATTORNEY DOCKUT: 100,1239US01

PAGE 3 OF 3

WHEREAS, we, Joseph C. Coffey residing at 2420 O'Meara Court, Burnsville, MN 55306, US; Kamlesh G. Patel residing at 2542 Bridle Creek Trail, Chanhassen, MN 55317, US; Kevin Glenn Ressler residing at 107 Butterfield Court, Chapel Hill, NC 27516, US; and Hutch Coburn residing at 17103 Trenton Lane, Eden Prairie, MN 55347, US made certain new and useful inventions and improvements for which an application for Letters Patent of the United States was filed on Jun 25, 2013 and assigned U.S. Serial No. 13/926,378, entitled PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE (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 1050 Westlakes Drive, Berwyn, PA 19312, (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.

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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.

ATTORNEY DOCKET: QUAREO/100.1239US01 PAGE 2 OF 3	
IN TESTIMONY WHEREOF, I have hereunto:	set my hand thisday of,
2014.	*
	Joseph C. Coffey
STATE of	Sooph C. Correy
)ss. COUNTY of)	
On this day of, 2014 known to be the person described herein and who execut	to me
to me that he executed the same for the uses and purpose	es therein set forth.
[SEAL]	
	Notary Public
IN TESTIMONY WHEREOF, I have hereunto s	set my hand this Zs day of October .
STATE of 1900	Kantlesh O Patel
STATE of) COUNTY of) State of	3 0
On this 23 day of 2 2014	, before me personally appeared <u>Vasa leads</u> Patel nd who executed the foregoing instrument, and he duly
acknowledged to me that he executed the same for the us	ies and purposes therein set forth.
[SEAL]	Notary Public What A

Title: PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE

NOTARY PUBLIC MINNESOTA My Commission Expires Jan 31 2018

Assignment

WHEREAS, we, Joseph C. Coffey residing at 2420 O'Meara Court, Burnsville, MN 55306, US; Kamlesh G. Patel residing at 2542 Bridle Creek Trail, Chanhassen, MN 55317, US; Kevin Glenn Ressler residing at 107 Butterfield Court, Chapel Hill, NC 27516, US; and Hutch Coburn residing at 17103 Trenton Lane, Eden Prairie, MN 55347, US made certain new and useful inventions and improvements for which an application for Letters Patent of the United States was filed on Jun 25, 2013 and assigned U.S. Serial No. 13/926,378, entitled PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE (the "Application").

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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.

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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.

SSIGNMENT itle: PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE THORNEY DOCKET: OLAREO/100 1220LIS01
TTORNEY DOCKET: QUAREO/100.1239US01 AGE 2 OF 3
IN TESTIMONY WHEREOF, I have hereunto set my hand thisday of,
014.
Joseph C. Coffey
TATE of)) ss. COUNTY of)
On this day of, 2014, before me personally appeared to me nown to be the person described herein and who executed the foregoing instrument, and he duly acknowledged me that he executed the same for the uses and purposes therein set forth.
SEAL]
Notary Public
IN TESTIMONY WHEREOF, I have hereunto set my hand thisday of, 014.
Kamlesh G. Patel
TATE of))ss. COUNTY of)
COUNTY of)
On this day of, 2014, before me personally appeared to me known to be the person described herein and who executed the foregoing instrument, and he duly cknowledged to me that he executed the same for the uses and purposes therein set forth.
SEAL]

Notary Public

Assignment Title: PHYSICAL LAYER MANAGEMENT FOR AN ACTIVE OPTICAL MODULE ATTORNEY DOCKET: QUAREO/100.1239US01 PAGE 3 OF 3
IN TESTIMONY WHEREOF, I have hereunto set my hand thisday of, 2014.
Kevin Glenn Ressler
STATE of) ss. COUNTY of)
On this day of, 2014, before me personally appeared 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]
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this <u>O</u> day of <u>NO</u>

Hutch Coburn

STATE of Minnesoru)

COUNTY of Dekory)

On this A day of Normber. 2014, before me personally appeared Helich (Stein) 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]

// Cluy / NO Contary Public

HANCY M WENINGER

Botary Public

State of Minipagota

My Commission Expires

January 31, 2020

PATENT REEL: 037193 FRAME: 0664

RECORDED: 12/02/2015