506566709 03/22/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6613488

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETER SMITH	11/13/2014
DAVID JOHN CHIRGWIN	11/04/2014
OWEN MARSHALL	11/13/2014
IAN BUTLER	11/03/2014
SIMON COLLEY	11/13/2014
KAMLESH G. PATEL	11/03/2014
ERIC W. SYBESMA	11/12/2014
JASON BAUTISTA	10/28/2014

RECEIVING PARTY DATA

Name:	ADC TELECOMMUNICATIONS, INC.	
Street Address:	1050 WESTLAKES DRIVE	
City:	BERWYN	
State/Country:	PENNSYLVANIA	
Postal Code:	19312	
Name:	TYCO ELECTRONICS UK LTD	
Name: Street Address:	TYCO ELECTRONICS UK LTD FARADAY ROAD, DORCAN	
Street Address:	FARADAY ROAD, DORCAN	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16876973	

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: 9524650770

Email:docketing@fogglaw.comCorrespondent Name:FOGG & POWERS LLCAddress Line 1:4600 W 77TH STREET

PATENT

506566709 REEL: 055735 FRAME: 0583

Address Line 2: SUITE 305
Address Line 4: MINNEAPOLIS, MINNESOTA 55435

ATTORNEY DOCKET NUMBER: 100.1240US01R2

NAME OF SUBMITTER: DENISE A. SCHULLO

SIGNATURE: / Denise A. Schullo /

DATE SIGNED: 03/22/2021 **Total Attachments: 36** source=00903114#page1.tif source=00903114#page2.tif source=00903114#page3.tif source=00903114#page4.tif source=00903114#page5.tif source=00903114#page6.tif source=00903114#page7.tif source=00903114#page8.tif source=00903114#page9.tif source=00903114#page10.tif source=00903114#page11.tif source=00903114#page12.tif source=00903114#page13.tif source=00903114#page14.tif source=00903114#page15.tif source=00903114#page16.tif source=00903114#page17.tif source=00903114#page18.tif source=00903114#page19.tif source=00903114#page20.tif source=00903114#page21.tif source=00903114#page22.tif source=00903114#page23.tif source=00903114#page24.tif source=00903114#page25.tif source=00903114#page26.tif source=00903114#page27.tif source=00903114#page28.tif source=00903114#page29.tif source=00903114#page30.tif source=00903114#page31.tif source=00903114#page32.tif source=00903114#page33.tif source=00903114#page34.tif source=00903114#page35.tif source=00903114#page36.tif

ASSIGNMENT

WHEREAS, we, Peter Smith residing at 22 School Lane, Chester, CH3 7ET, GB; David John Chirgwin residing at 17 Melrose Avenue, Chester, CH3 5 JA, United Kingdom; Owen Marshall residing at 2 Bron Llan, Denbighshire, Wales LL22 8SS, United Kingdom; Ian Butler residing at 16 Ladybower, Cheadle, Cheshire SK8 5PS, United Kingdom; Simon Colley residing at Llys yr Adar, Gallt y Foel, Caernarfon, Gwyneld, Wales LL55 3EF, United Kingdom; Kamlesh G, Patel residing at 2542 Bridle Creek Trail, Chanhassen, MN 55317; Eric M. Sybesma residing at 3136 44th Ave S, Minneapolis, MN 55406; and Jason Bautista residing at 2335 Coldwater Crossing, Mayer, MN 55360 made certain new and useful inventions and improvements for which an application for Letters Patent of the United States was filed on Jul 11, 2013 and assigned U.S. Serial No. 13/939,779, entitled METHOD OF CAPTURING INFORMATION ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN (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") and Tyco Electronics UK Ltd, of Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH, United Kingdom 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: METHOD OF CAPTURING INFORMATION ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN ATTORNEY DOCKET: NT-00388/100.1240US01 PAGE 3 OF 6			
IN TESTIMONY WHEREOF, I have hereunto set m	y hand on the date indicated below.		
Peter Smith	13/11(2014 Date		
Oruce. Witness	5/11/2014. Date		
IN TESTIMONY WHEREOF, I have hereunto set m	y hand on the date indicated below.		
David John Chirgwin	Date		
Witness	Date		
IN TESTIMONY WHEREOF, I have hereunto set m	ry hand on the date indicated below.		
Oven Marshall	Pal 11 12014-		
Witness Witness	13/11/2014 Date		

Assignment Title: METHOD OF CAPTURING INFORMATION AE	BOUT A RACK AND EQUIPMENT INSTALLED THEREIS
ATTORNEY DOCKET: NT-00388/100.1240US01 PAGE 4 OF 6	
IN TESTIMONY WHEREOF, I have hereunto set π	ny hand on the date indicated below.
Ian Butler	Date
Witness	Date
IN TESTIMONY WHEREOF, I have hereunto set m	y hand on the date indicated below.
Simon Colley	Date
Derrie.	13/11/2014.
Witness	Date

Assignment Title: METHOD OF CAPTURING INFORMATION ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN ATTORNEY DOCKET: NT-00388/100.1240US01 PAGE 5 OF 6				
IN TESTIMONY WHEREOF, I have hereunto set my hand thisday of,				
2014.				
Kamlesh G, Patel				
On this day of, 2014, before me personally appeared Kamlesh G. Patel 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				
IN TESTIMONY WHEREOF, I have hereunto set my hand thisday of, 014.				
Eric W. Sybesma TATE of) ss. COUNTY of)				
On thisday of, 2014, before me personally appeared Eric W. Sybesmato 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: METHOD OF CAPTURING INFORMATION ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN ATTORNEY DOCKET: NT-00388/100.1240US01 Page 6 OF 6		
IN TESTIMONY WHEREOF, I have hereur	nto set my hand thisday of,	
2014,		
	Jason Bautista	
STATE of		
COUNTY of)ss.		
On this day of, 2 known to be the person described herein and who ex to me that he executed the same for the uses and purp	2014, before me personally appeared Jason Bautista to me ecuted the foregoing instrument, and he duly acknowledged poses therein set forth.	
[SEAL]		
	Notary Public	

ASSIGNMENT

WHEREAS, we, Peter Smith residing at 22 School Lane, Chester, CH3 7ET, GB; David John Chirgwin residing at 17 Melrose Avenue, Chester, CH3 5 JA, United Kingdom; Owen Marshall residing at 2 Bron Llan, Denbighshire, Wales LL22 8SS, United Kingdom; Ian Butler residing at 16 Ladybower, Cheadle, Cheshire SK8 5PS, United Kingdom; Simon Colley residing at Llys yr Adar, Galli y Foel, Caernarfon, Gwyneld, Wales LL55 3EF, United Kingdom; Kamlesh G. Patel residing at 2542 Bridle Creek Trail, Chanhassen, MN 55317; Eric M. Sybesma residing at 3136 44th Ave S, Minneapolis, MN 55406; and Jason Bautista residing at 2335 Coldwater Crossing, Mayer, MN 55360 made certain new and useful inventions and improvements for which an application for Letters Patent of the United States was filed on Jul 11, 2013 and assigned U.S. Serial No. 13/939,779, entitled METHOD OF CAPTURING INFORMATION ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN (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") and Tyco Electronics UK Ltd. of Faraday Road, Dorean. Swindon, Wiltshire SN3 5HH, United Kingdom 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 Assignce, 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: METHOD OF CAPTURING INFORMATION ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN ATTORNEY DOCKET: NT-00388/100.1240US01 PAGE 3 OF 6 IN TESTIMONY WHEREOF, I have hereunto set my hand on the date indicated below.			
Witness	Date		
IN TESTIMONY WHEREOF, I have hereunto set my	hand on the date indicated below.		
David John Chirgwin	2014 - 11 - 04 Date		
Witness	4 NOV ZOIH Date		
IN TESTIMONY WHEREOF, I have hereunto set my	hand on the date indicated below.		
Owen Marshall	Date		
Witness	Date		

Assignment Title: METHOD OF CAPTURING INFOR	MATION ABOUT A BACK AND EQUIPMENT INSTALLED THEREIN		
ATTORNEY DOCKET: NT-00388/100.1240US01 PAGE 4 OF 6			
IN TESTIMONY WHEREOF, I have h	ercunto set my hand on the date indicated below.		
Ian Butler	Date		
Witness	Date		
IN TESTIMONY WHEREOF, I have h	creunto set my hand on the date indicated below.		
Simon Colley	Date		
Summi concy			
Witness	Date		

	ETHOD OF C	:APTURING INF		UT A RACK, AND EQUI	PMENT INSTALLI	ED THEREIN
Page 5 o	• • • • • • • • • • • • • • • • • • • •	. C. Anderson and a Comment	Man order o			
	IN TESTIM	ONY WHEREO	F, I have hereunto	set my hand this	lay of	<u></u> ;
2014.						
				Kamlesh G. Patel		J
STATE	of 'Y of) }ss-				
COUNT	Y of)				
me knos	vn to be the p	person described	herein and who e	 before me personally xecuted the foregoing it uses and purposes there 	nstrument, and he	h G. Patel to July
[SEAL]						
				Notary Public		Ç.

2014.	IN TESTIM	ONY WHEREO	F. I have hereunte	set my hand this	lay of	
				Eric W. Sybesma		
STATE	of TY of) }}				
COUNT	Y of					
	to me known	to be the person	a described herein	14, before me personally and who executed the it uses and purposes there	oregoing instrume	Sybesma nt, and he duly
[SEAL]						
				Notare Public		

Assignment Title: METHOD OF (CAPTURING INFOR	MATION ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN
ATTORNEY DOCKET:)	VT-00388/100,1240U	\$01
PAGE 6 OF 6		
IN TESTIM	ONY WHEREOF, I	have hereunto set my hand thisday of
2014.		
		Jason Bautista
STATE of		
)58.	
COUNTY of)	
On this	day of	2014, before me personally appeared Jason Bautista to me
known to be the per-	son described herein	and who executed the foregoing instrument, and he duly acknowledge
to me that he execut	ed the same for the t	uses and purposes therein set forth.
[SEAL]		
		Notary Public

ASSIGNMENT

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Assignment Title: METHOD OF CAPTURING INFORMATION ATTORNEY DOCKET: NT-00388/100.1240US01 PAGE 3 OF 6	ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN
IN TESTIMONY WHEREOF, I have hereunto set	t my hand on the date indicated below.
Peter Smith	Date
Witness	Date
IN TESTIMONY WHEREOF, I have hereunto set	my hand on the date indicated below.
David John Chirgwin	Date
Witness	Date
IN TESTIMONY WHEREOF, I have hereunto set	my hand on the date indicated below.
Owen Marshall	Date
Witness	Date
·	

Title: METHOD OF CAPTURING INFORMATION : ATTORNEY DOCKET: NT-00388/100.1240US01 PAGE 4 OF 6	ABOUT A RACK AND EQUIPMENT INSTALLED THEREINI
IN TESTIMONY WHEREOF, I have hereunto set	t my hand on the date indicated below.
In Butler	3 1 Nov. 2014
lan Butler	Date
JBUHL Witness J. Burc€R	<u> つる.11.14</u> . Date
IN TESTIMONY WHEREOF, I have hereunto set	t my hand on the date indicated below.
Simon Colley	Date
Witness	Date

Assignment

Assignment Title: METHOD OF CAPTURING INFORM ATTORNEY DOCKET: NT-00388/100.1240USC PAGE 5 OF 6	ATION ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN
IN TESTIMONY WHEREOF, I I	nave hereunto set my hand thisday of
2014.	
	Kamlesh G. Patel
STATE of))ss.	rainesa (). Each
COUNTY of)	
me known to be the person described here	, 2014, before me personally appeared Kamlesh G. Patel to in and who executed the foregoing instrument, and he duly same for the uses and purposes therein set forth.
[SEAL]	
	Notary Public
IN TESTIMONY WHEREOF, 1 h 2014.	ave hereunto set my hand thisday of,
	Eric W. Sybesma
STATE of)	·
STATE of))ss. COUNTY of)	
to me known to be the person desc	, 2014, before me personally appeared Eric W. Sybesma tribed herein and who executed the foregoing instrument, and he duly same for the uses and purposes therein set forth.
[SEAL]	
	Notary Public

BOUT A RACK AND EQUIPMENT INSTALLED THEREIN
nto set my hand thisday of
Jason Bautista
2014 hefore me personally appeared Jason Rauticta to me
2014, before me personally appeared Jason Bautista to me ecuted the foregoing instrument, and he duly acknowledged
poses therein set forth.
ooses merem set form.

ASSIGNMENT

WHEREAS, we, Peter Smith residing at 22 School Lane, Chester, CH3 7ET, GB; David John Chirgwin residing at 17 Melrose Avenue, Chester, CH3 5 JA, United Kingdom; Owen Marshall residing at 2 Bron Llan, Denbighshire, Wales LL22 8SS, United Kingdom; Ian Butler residing at 16 Ladybower, Cheadle, Cheshire SK8 5PS, United Kingdom; Simon Colley residing at Llys yr Adar, Gallt y Foel, Caernarfon, Gwyneld, Wales LL55 3EF, United Kingdom; Kamlesh G. Patel residing at 2542 Bridle Creek Trail, Chanhassen, MN 55317; Eric M. Sybesma residing at 3136 44th Ave S, Minneapolis, MN 55406; and Jason Bautista residing at 2335 Coldwater Crossing, Mayer, MN 55360 made certain new and useful inventions and improvements for which an application for Letters Patent of the United States was filed on Jul 11, 2013 and assigned U.S. Serial No. 13/939,779, entitled METHOD OF CAPTURING INFORMATION ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN (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") and Tyco Electronics UK Ltd, of Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH, United Kingdom 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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ATTORNEY DOCKET: NT-00388/100.1240US01 Page 3 of 6	NABOUT A RACK AND EQUIPMENT INSTALLED THEREIN
IN TESTIMONY WHEREOF, I have hereunto s	et my hand on the date indicated below,
D. C. W	······
Peter Smith	Date
Witness	Date
IN TESTIMONY WHEREOF, I have hereunto so	et my hand on the date indicated helow
	rang mena on one and municipal popolity.
David John Chirgwin	Date
Witness	Date
IN TESTIMONY WHEREOF, I have hereunto se	t my hand on the date indicated below.
Owen Marshall	No.et
· · · · · · · · · · · · · · · · · · ·	Date
Vitness	Date

Assignment

Title: METHOD OF CAPTURING INFO ATTORNEY DOCKET: NT-00388/100.1240 PAGE 4 OF 6	ORMATION ABOUT A RACK AND EQUIPMENT INSTAULED THEREIN OUS01
IN TESTIMONY WHEREOF, I have	hereunto set my hand on the date indicated below.
lan Butler	
Witness	
IN TESTIMONY WHEREOF, I have	hereunto set my hand on the date indicated below.
Simon Colley	Date
Witness	——————————————————————————————————————

Date

Assignment

ATTORNEY DOCKET: NT-00388/100.1240US01 Page 5 of 6	
2014.	hereunto set my hand this 3_day of Noverlette,
STATE of MN	Kamlesh G. Patel
STATE of HN)ss.	
On this day of	, 2014, before me personally appeared Kamlesh G. Patel to d who executed the foregoing instrument, and he duly for the uses and purposes therein set forth.
Shelley K Beaumont Shelley K Beaumont Notery Public, State of Minnesota Ny Commission Explices January 31, 2018	Auly & Beaumont Notary Public
IN TESTIMONY WHEREOF, I have h 2014.	ereunto set my hand thisday of,
STATE of)	Eric W. Sybesma
COUNTY of)	
to me known to be the person described	2014, before me personally appeared Eric W. Sybesma herein and who executed the foregoing instrument, and he duly
acknowledged to me that he executed the same t [SEAL]	or the uses and purposes therein set forth.

Notary Public

Title: METHOD OF CAPTURING INFORMATION ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN

Assignment

Assignment Title: METHOD OF C	APTURING INFORMATION ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN
ATTORNEY DOCKET: N PAGE 6 OF 6	T-00388/100.1240US01
IN TESTIMO	ONY WHEREOF, I have hereunto set my hand thisday of,
2014.	
	Jason Bautista
STATE of)
STATE of	
known to be me perso	day of, 2014, before me personally appeared Jason Bautista to me n described herein and who executed the foregoing instrument, and he duly acknowledged the same for the uses and purposes therein set forth.
(SEAL)	

Notary Public

ASSIGNMENT

WHEREAS, we, Peter Smith residing at 22 School Lane, Chester, CH3 7ET, GB; David John Chirgwin residing at 17 Melrose Avenue, Chester, CH3 5 JA, United Kingdom; Owen Marshall residing at 2 Bron Llan, Denbighshire, Wales LL22 8SS, United Kingdom; Ian Butler residing at 16 Ladybower, Cheadle, Cheshire SK8 5PS, United Kingdom; Simon Colley residing at Llys yr Adar, Gallt y Foel, Caernarfon, Gwyneld, Wales LL55 3EF, United Kingdom; Kamlesh G. Patel residing at 2542 Bridle Creek Trail, Chanhassen, MN 55317; Eric M. Sybesma residing at 3136 44th Ave S, Minneapolis, MN 55406; and Jason Bautista residing at 2335 Coldwater Crossing, Mayer, MN 55360 made certain new and useful inventions and improvements for which an application for Letters Patent of the United States was filed on Jul 11, 2013 and assigned U.S. Serial No. 13/939,779, entitled METHOD OF CAPTURING INFORMATION ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN (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") and Tyco Electronics UK Ltd. of Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH, United Kingdom 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.

AND	and the state of t
IN TESTIMONY WHEREOF, I have hereur	into set my hand on the date indicated below.
Peter Smith	Date
Witness	Date
IN TESTIMONY WHEREOF, I have hereur	into set my hand on the date indicated below.
	one set the same than a set on the
David John Chirgwin	Date
Witness	Date
IN TESTIMONY WHEREOF, I have herew	nto set my hand on the date indicated below.
20 - 1 0 0	
Owen Marshall	Date
Witness	Date

Assignment

Assignment Title: METHOD OF CAPTURING INFORMATION A ATTORNEY DOCKET: NT-00388/100.1240US01 PAGE 4 OF 6	BOUT A RACK AND EQUIPMENT INSTALLED THEREIN
IN TESTIMONY WHEREOF, I have hereunto set	my hand on the date indicated below.
Ian Butler	Date
Witness	
IN TESTIMONY WHEREOF, I have hereunto set	my hand on the date indicated below.
Simon Colley	Date

Date

Witness

Assignment Title: METHOD OF CAPTURING IN	NFORMATION ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN
ATTORNEY DOCKET: NT-00388/100.1 PAGE 5 OF 6	240US01
IN TESTIMONY WHERE	OF, I have hereunto set my hand this Aday of MOU.
2014	The second among this X PT has St WOOD
	Kamlesh G. Patel
STATE of	Admiesn G. Patei
COUNTY of)ss.	
On this day of	. 2014, before me personally appeared Vandad, C. p
me known to be the person described	, 2014, before me personally appeared Kamlesh G. Patel to d herein and who executed the foregoing instrument, and he duly
	d the same for the uses and purposes therein set forth.
[SEAL]	
	Notary Public
	F, I have hereunto set my hand this 12th day of November, Cur W. Suplesma Eric W. Sybesma
STATE of Aller) COUNTY of Jas H)ss.	
On this \(\sum_{\text{day}} \) day of \(\sum_{\text{day}} \) to me known to be the person acknowledged to me that he executed	described herein and who executed the foregoing instrument, and he duly the same for the uses and purposes therein set forth.
[SEAL]	MJ5 DU
	Notary Public
	MARK STEPHEN PHILLIPS Notary Public Winnesola

Assignment Title: METHOD OF CAPTURING INFOR	RMATION ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN
ATTORNEY DOCKET: NT-00388/100.1240U PAGE 6 OF 6	
IN TESTIMONY WHEREOF,	I have hereunto set my hand thisday of,
2014.	
	Jason Bautista
STATE of)	
)ss.	
COUNTY of)	
On this day of known to be the person described herein to me that he executed the same for the	, 2014, before me personally appeared Jason Bautista to me and who executed the foregoing instrument, and he duly acknowledged uses and purposes therein set forth.
[SEAL]	
	Notary Public

ASSIGNMENT

WHEREAS, we, Peter Smith residing at 22 School Lane, Chester, CH3 7ET, GB; David John Chirgwin residing at 17 Melrose Avenue, Chester, CH3 5 JA, United Kingdom; Owen Marshall residing at 2 Bron Llan, Denbighshire, Wafes LL22 8SS, United Kingdom; Ian Butler residing at 16 Ladybower, Cheadle, Cheshire SK8 5PS, United Kingdom; Simon Colley residing at Llys yr Adar, Gallt y Foel, Caernarfon, Gwyneld, Wales LL55 3EF, United Kingdom; Kamlesh G. Patel residing at 2542 Bridle Creek Trail, Chanhassen, MN 55317; Eric M. Sybesma residing at 3136 44th Ave S, Minneapolis, MN 55406; and Jason Bautista residing at 2335 Coldwater Crossing, Mayer, MN 55360 made certain new and useful inventions and improvements for which an application for Letters Patent of the United States was filed on Jul 11, 2013 and assigned U.S. Serial No. 13/939,779, entitled METHOD OF CAPTURING INFORMATION ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN (the "Application").

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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 been	eunto set my hand on the date indicated below.
Peter Smith	Date
Witness	Date
N TESTIMONY WHEREOF, I have her	eunto set my hand on the date indicated below.
	saling hand on the date that early.
David John Chirgwin	Date
Witness	Date
IN TESTIMONY WHEREOF, I have here	eunto set my hand on the date indicated below.
Owen Marshall	Date
Witness	Date

Assignment

ATTORNEY DOCKET: NT-00388/100.1240US01 PAGE 4 OF 6			
IN TESTIMONY WHEREOF, I have here	unto set my hand on the date indicated below.		
lan Butler	Date		
Witness	Date		
IN TESTIMONY WHEREOF, I have here	unto set my hand on the date indicated below.		
Simon Colley	Date		
Witness	Date		

Date

Title: METHOD OF CAPTURING INFORMATION ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN

Assignment

Assignment Title: METHOD OF CAPTURING INFORMAT ATTORNEY DOCKET: NT-00388/100.1240US01 PAGE 5 OF 6	ION ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN
IN TESTIMONY WHEREOF, I have	hereunto set my hand thisday of,
2014.	
	Kamlesh G. Patel
STATE of))ss.	
)ss. COUNTY of)	
On this day of me known to be the person described herein a acknowledged to me that he executed the sam	, 2014, before me personally appeared Kamlesh G. Patel to nd who executed the foregoing instrument, and he duly e for the uses and purposes therein set forth.
[SEAL]	
	Notary Public
IN TESTIMONY WHEREOF, I have	hereunto set my hand thisday of,
	Eric W. Sybesma
STATE of))ss.	
STATE of)) SS. COUNTY of)	
On this day of to me known to be the person describe acknowledged to me that he executed the sam	, 2014, before me personally appeared Eric W. Sybesma ed herein and who executed the foregoing instrument, and he duly e for the uses and purposes therein set forth.
[SEAL]	
	Notary Public

Assignment
Title: METHOD OF CAPTURING INFORMATION ABOUT A RACK AND EQUIPMENT INSTALLED THEREIN
ATTORNEY DOCKET: NT-00388/100.1240US01
PAGE 6 OF 6

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28 day of 2000 and 300 and 3

[SEAL]

GLENDA D SCHMITT
NOTARY PUBLIC - MINNESOTA
MY COMMISSION EXPIRES 01/51/19

Notary Public

PATENT REEL: 055735 FRAME: 0620

RECORDED: 03/22/2021