503520505 10/13/2015 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3567131

SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYAN	ICE:	ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY DA	АТА						
		Name	Execution Date				
BELDEN, INC.			11/08/2010				
RECEIVING PARTY DA	ТА						
Name:	 T	ZE NETWORKS, INC.					
Street Address:		LAS POSITAS BOULEVARD					
City:	PLEASA	ANTON					
State/Country:	CALIFO	RNIA					
Postal Code:	94588						
	T - 1 - 1 - 4						
PROPERTY NUMBERS	Total: 1	Number	7				
Property Type		14868102	_				
Application Number:		4808102					
CORRESPONDENCE D	ΔΤΔ						
Fax Number:	(212)479-6275					
Correspondence will be	e sent to	212)479-6275 the e-mail address first; if that is u					
Correspondence will be using a fax number, if p	e sent to provided;	the e-mail address first; if that is un ; if that is unsuccessful, it will be se					
<i>Correspondence will be using a fax number, if p</i> Phone:	e sent to provided; 2	<i>the e-mail address first; if that is un</i> <i>if that is unsuccessful, it will be se</i> 212 479 6000					
<i>Correspondence will be using a fax number, if p</i> Phone: Email:	e sent to provided; 2 a	<i>the e-mail address first; if that is un</i> <i>if that is unsuccessful, it will be se</i> 212 479 6000 acoughlan@cooley.com	ent via US Mail.				
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ASSIGNMENT

Beiden Inc., a corporation organized under and pursuant to the laws of Delaware having its principal place of business at 7733 Forsyth Boulevard; Suite 800; St. Louis, Missouri 63105 (hereinafter referred to as "Assignor"), is the sole and exclusive owner, by assignment, of the Patent Applications and Issued Patents listed in Schedule A; and

Trapeze Networks, Inc., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 5753 W. Las Positas Boulevard, Pleasanton, California 94588 (hereinafter referred to as "Assignee"), desires to acquire the right, title and interest in, to and under said Patent Applications and Issued Patents and the Inventions covered thereby;

For valuable consideration, the receipt and sufficiency of which Assignor acknowledges, Assignor hereby sells, assigns, and transfers to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to said applications and issued patents for all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefore in the United States of America and all other countries including those found on the attached list of Schedule A, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on Schedule A to said assignee herein, as assignee of the entire interest therein; and the undersigned for itself and its legal representatives, heirs and assigns does hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said invention listed on Schedule A whenever requested, to testify in any interferences or other legal proceedings in which said application or patent may become involved, to sign all lawful papers, make all rightful oaths, and do generally everything necessary to ald assignee, its successors, assigns and nominees to obtain patent protection for said inventions listed on Schedule A in the United States of America and all other countries, the expenses incident to said applications and patents listed on Schedule A to be borne and paid by said assignee.

[Remainder of page intentionally left blank.]

43390-8000/LEOAL19518897.1

PATENT REEL: 025327 FRAME: 0305 PATENT REEL: 036781 FRAME: 0937

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IN WITNESS THEREOF, Assignor and Assignee have caused this Assignment to be executed by their duly authorized officers as of this 8th day of November, 2010.

2

ASSIGNOR: Name:	BELDEN INC. Kevin L. Bloomfield	
Signature	Veri blonte	sel.
Title:	Senior Vice President/ Secretary & General Counsel) *
Date:	November 8, 2010	
United States	of America)
State of	Missouri) ss.:
County of	Saint Louis	
On this	8 th day of <u>November</u> ne <u>Kevin L. Bloom</u>	
described in and of the same.	i who executed the foregoing ins	nstrument, and acknowledged execution
		Somelaftma Notary Public
		PAMELA J. EMS Notary Public - Notary Seal State of Missouri, Jatterson County Commission # 08540520 My Commission Expires Jul 31, 2012
		Hallmellandlandlandlandlandlandlandlandlandlan

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PATENT REEL: 026327 FRAME: 0306 PATENT REEL: 036781 FRAME: 0938

ASSIGNEE: Name:	TRAPEZE NETWORKS, INC. Kevin L. Bloomfield
Signature	Uni Bonna Vin O
Title:	Secretary
Date:	November 8, 2010

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On this 8th day of <u>November</u>, 2010, before me personally came <u>Kevin L. Bloomfield</u>, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

PAMELA J. EM8 Notary Public - Notary Seal State of Missouri, Jefferson County Commission # 08540520 My Commission Explices Jul 31, 2012

49900-8000/LEGAL19619897.1

PATENT REEL: 025327 FRAME: 0307 PATENT REEL: 036781 FRAME: 0939

SCHEDULE A

Application No. Filing Date	issued Patent No. Issue Date	Country	Title	
10/778,901	7,221,927	US	Station Mobility Between Access Points	
Feb 11, 2004 11/377,859 Mar 15, 2006	1/377,859 7,529,925 L		System and Method for Distributing Keys in a Wireless Network	
12/401,073 Mar 10, 2009	N/A	US	System and Method for Distributing Keys In a Wireless Network	
112006000618.5 Mar 15, 2006	N/A	Germany	System and Method for Distributing Keys in a Wireless Network	
11/326,966 Jan 5, 2006	7,573,859 Aug 11, 2009	US	System and Method for Remote Monitoring in a Wireless Network	
11/330,877 Jan 11, 2006	N/A	US	System and Method for Reliable Multicast	
11/351,104 Feb 8, 2008	N/A	US	System and Method fo Network Integrity	
11/588,878 Oct 26, 2006	N/A	US	Information and Status and Statistics Messaging Method and System for Inter- Process Communication	
11/588,848 Oct 26, 2006	N/A	US	Non-Persistent and Persistent Information Setting Method and System for Inter- Process Communication	

PATENT REEL: 025327 FRAME: 0308 PATENT REEL: 036781 FRAME: 0940

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Application No. Filing Date	Issued Patent No. Issue Date	Country	Titis		
11/331,789	7,724,703	US	System and Method for		
Jan 14, 2006	May 25, 2010		Wireless Network Monitoring		
11/445,750	June 1, 2006	US	Wireless Load Balancing Across		
7,577,453	Aug 18, 2009		Bands		
12/491,201	N/A	US	Wireless Load		
6/24/2009			Balancing Across Bands		
11/400,165	7,551,619	US	Identity-Based Networking		
Apr 5, 2006	Jun 23, 2009		Networking		
12/489,295	N/A	US	Identity-Based Networking		
Jun 22, 2009			INGINOI KILIG		
2,625,326	N/A	Canada	Identity-Based Networking		
Oct 13, 2006			Networking		
11/417,993	7,558,266	US	System and Method fo Restricting Network		
May 3, 200	July, 7, 2009		Access Using Forwarding Databas		
12/370,582	N/A	US	System and Method fo Restricting Network		
Feb 12, 2009			Access Using Forwarding Database		
11/595,119	N/A	US	Dynamic, Switch Specific, Mobility		
Nov 10, 2006			Domains		

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PATENT REEL: 025327 FRAME: 0309 PATENT REEL: 036781 FRAME: 0941

Application No. Filing Date	Issued Patent No. Issue Date	Country	Titlə		
11/604,075 Nov 22, 2006	N/A	US	Wireless Routing Selection System and Method		
11/451,704 Jun 12, 2006	N/A	US	Tuned Directional Antennas		
12/603,542 Oct 21, 2009	N/A	US	Tuned Directional Antennas		
12/629,867 Dec 2, 2009	N/A	US	Tuned Directional Antennas		
12/057,904 Mar 28, 2008	N/A US		Smoothing Filter for Irregular Update Intervals		
11/845,029 Aug. 24, 2007	N/A	US	QoS Provisioning for Wireless Networks		
2,660,821 Sept 11, 2007	N/A	Canada	QoS Provisioning for Wireless Networks		
2,654,379 May 17, 2007	N/A	Canada	Automated Policy- Based Network Device Configuration and Network Deployment		
07795182.0 May 17, 2007	′ • N/A	Europe	Automated Policy- Based Network Device Configuration and Network Deployment		
12/683,281 Jan 6, 2009	N/A	US	Automated Network Device Configuration and Network Deployment		

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PATENT REEL: 025327 FRAME: 0310 PATENT REEL: 036781 FRAME: 0942

Application No. Filing Date	Issued Patent No. Issue Date	Country	Titie		
11/801,964 May 10, 2007	N/A	US	Untethered Access Point Mesh System an Method		
11/487,722 July 17, 2008	7,724,704 May 25, 2010	·US	Wireless VLAN System and Method		
11/975,134 Oct 16, 2007	N/A	US	Load Balancing System and Method for Aggregation and Queuing in a Wireless Network Application-Aware Wireless Network System and Method		
11/648,359 Dec 28, 2006	N/A	US			
11/966,912 Dec 28, 2007	N/A	US			
11/690,654 Mar 23, 2007			Power-Aware Multi- Circuit System and Method		
12/419,113 April 6, 2009	N/A	US	Power-Aware Wireles Transmissions		
97110100 Mar 21, 2008	N/A	Talwan	Power-Aware Multi- Circuit System and Method		

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PATENT REEL: 025327 FRAME: 0311 PATENT REEL: 036781 FRAME: 0943

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Application No. Filing Date	Issued Patent No. Issue Date	Country	Title
11/944,346 Nov 21, 2007	N/A	US	Wireless Station Location Detection
12/077,051 Mar 14,2008	N/A	US	Emergency Call Services for Clients with Public Security Credentials
12/113,535 Mey 1, 2008	N/A	US	Network Type Selection
12/304,100 Dec 9, 2008	N/A	US	AP-Local Dynamic Switching
2,654,827 Jun 11, 2007	N/A	Canada	AP-Local Dynamic Switching
200780022693.X Jun 11, 2007	N/A	China	AP-Local Dynamic Switching
07796005.2 Jun 11, 2007	N/A	Europe	AP-Local Dynamic Switching
11/852,234 Sept 7, 2007	N/A	US	Network Assignment Based on Priority
11/970,484 Jan 7, 2008	N/A	US	MAC State Generic Convergence Function

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PATENT REEL: 025327 FRAME: 0312 PATENT REEL: 036781 FRAME: 0944

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Application No. Filing Date	Issued Patent No. Issue Date	Country	ŢĶie
12/131,028	N/A	US	Proactive Credential Caching
May 27, 2008			
12/172,195	N/A	US	Link Layer Throughput Testing
July 11, 200			
12/338,492	N/A	US	Affirming Network Relationships and Resource Access Via
Dec 16, 2008			Related Networks
12/210,917	N/A	US	Picking an Optimal Channel for an Access
Sept 15, 2008			Point in a Wireless Network
12/350,927	N/A	US	Access Point Agitation
Jan 8, 2009			
12/365,891	N/A	US	Throttling Access Point
Feb 4, 2009			
12/427,715	N/A	US	Heat Management for Enclosed Electronics
April 21, 2009			
10/235,338	6,674,403	US	Position Detection and Location Tracking in a
Sept 5, 2002	Jan 6, 2004		Wireless Network
2,459,920	5,282,104	Canada	Position Detection and
Sept 5, 2002	July 28, 2004		Location Tracking in a Wireless Network
2,638,754	N/A	Canada	Position Detection and
Sept 5, 2002			Vireless Network

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PATENT REEL: 026327 FRAME: 0313 PATENT REEL: 036781 FRAME: 0945

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Application No. Filing Date	Issued Patent No. Issue Date	Country	Title
02770480.0 1436839	Sept 5, 2002 Jun 20, 2007	Germany	Position Detection and Location Tracking in a Wireless Network
02770460.0 1436639	Sept 5, 2002 Jun 20, 2007	Еигоре	Position Detection and Location Tracking in a Wireless Network
02770460.0 1436639	Sept 5, 2002 Jun 20, 2007	Great Britain	Position Detection and Location Tracking in a Wireless Network
11/094,987 Mar 31, 2005	7,551,574 Jun 23, 2009	US	Method and Apparatus for Controlling Wireless Network Access Privileges Based on Wireless Client Location
12/474,020 May 28, 2009	N/A	US	Method and Apparatus for Controlling Wireless Network Access Privileges Based on Wireless Client Location
060065042 602006007192.2	Mar 29, 2006 June 10, 2009	Germany	Method and Apparatus for Location-Based Control of Access Privilages Based on Wireless Client Location
06006504.2 Mar 29, 2006	1720370 Jun 10, 2009	Europe	Method and Apparatus for Location-Based Control of Access Privileges Based on Wireless Client Location
2006-088348 Mar 28, 2006	N/A	Japan	Method and Apparatus for Controlling Wireless Network Access Privileges Based on Wireless Client Location

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PATENT REEL: 025327 FRAME: 0314 PATENT REEL: 036781 FRAME: 0946

Application No. Filing Date	Issued Patent No. Issue Date	Country	Title
06006504.2 1720370	Mar 29, 2006 June 10, 2009	Great Britain	Method and Apparatus for Location-Based Control of Access Privileges Based on Wireless Client Location
12/511,041 July 28, 2009	N/A	US	Asset Tag Power Optimization
US10/38390 June 11, 2010	N/A	WIPO	Asset Tag Power Optimization
099119297 Jun 14, 2010	N/A	Talwan	Asset Tag Power Optimization
61/299,890 Jan 29, 2010	N/A	US	Split Control and Data Planes/Smart Mobile Direct-Path Forwarding

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PATENT REEL: 025327 FRAME: 0315 PATENT REEL: 036781 FRAME: 0947

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RECORDED: 11/08/2010 RECORDED: 10/13/2015