

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4068709

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MATTHEW JOHN FARLEY	01/27/2010
LAMONTE PETER KOOP	01/21/2010
RECEIVING PARTY DATA	
Name:	TERAHOP NETWORKS, INC.
Street Address:	1225 OLD ALPHARETTA RD.
Internal Address:	SUITE 210
City:	ALPHARETTA
State/Country:	GEORGIA
Postal Code:	30005
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	15248576
Application Number:	14754115
CORRESPONDENCE DATA	
Fax Number:	(509)755-7252
<i>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.</i>	
Phone:	509-755-7262
Email:	WHITNEY@WOLFE-SBMC.COM
Correspondent Name:	WOLFE-SBMC
Address Line 1:	116 W. PACIFIC AVE.
Address Line 2:	SUITE 300
Address Line 4:	SPOKANE, WASHINGTON 99201
ATTORNEY DOCKET NUMBER:	553230USCON2/553230USCON4
NAME OF SUBMITTER:	MATTHEW JOHNSON
SIGNATURE:	/Matthew Johnson Reg No. 72,299/
DATE SIGNED:	09/26/2016
Total Attachments: 15	
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source=553230USCON4 Assignment (Inv. to Terahop)#page15.tif

ASSIGNMENT OF INVENTION RIGHTS

WHEREAS,

Robert W. TWITCHELL

2475 Flat Stone Drive
Cumming, GA 30041

Rodney A. HILTON

10N532 Manchester Lane
Elgin, IL 60124

Randy Edwards

1702 Stonegate Way
Snellville, GA 30078

Thomas R BERGER

2330 Wood Falls Drive
Cumming, GA 30041

Joseph E. DENNY

510 Avignon Court
Atlanta, GA 30350

David S. ROBINS

6 Wakefield Court
Buffalo Grove, IL 60089

Stephen A. WALLACE

140 Ottwood Court
Roswell, GA 30075

Raymond T. GURGONE

807 N. Concord Drive
Woodstock, IL 60089

LaMonte Peter KOOP

3055 Keyingham Way
Alpharetta, GA 30004

Edward Allen PAYNE

1811 Beckett Court
Lawrenceville, GA 30044

Matthew John FARLEY

208 N. Avenue 54
Los Angeles, CA 90042

(hereinafter "Assignor") has or may have invented one or more new and useful discoveries, creations, improvements and/or designs (each hereinafter an "Invention"), for a full description of which reference is hereby made, respectively, to each of the following patent properties:

1. U.S. Nonprovisional Patent Application No. 12/607,040, filed October 27, 2009, titled "MANAGING AND MONITORING EMERGENCY SERVICES SECTOR RESOURCES", with the following Inventors: Robert W. TWITCHELL; Rodney A. HILTON; Randy EDWARDS; Thomas R. BERGER; Joseph E. DENNY; David S. ROBINS; Stephen A. WALLACE; Raymond T. GURGONE; LaMonte Peter KOOP; Edward Allen PAYNE; and Matthew John FARLEY.
2. International Patent Application No. PCT/US09/62655, filed October 29, 2009, titled "NETWORK AND APPLICATION MERGING AND ASSET TRACKING", with the following Inventors: Robert W. TWITCHELL; Rodney A. HILTON; Randy EDWARDS; Thomas R. BERGER; Joseph E. DENNY; David S. ROBINS; Stephen A. WALLACE; Raymond T. GURGONE; LaMonte Peter KOOP; Edward Allen PAYNE; and Matthew John FARLEY.

3. U.S. Nonprovisional Patent Application No. 12 /609,009, filed October 29, 2009, titled "MANAGING AND MONITORING EMERGENCY SERVICES SECTOR RESOURCES", with the following Inventors: Robert W. TWITCHELL; Rodney A. HILTON; Randy EDWARDS; Thomas R. BERGER; Joseph E. DENNY; David S. ROBINS; Stephen A. WALLACE; Raymond T. GURGONE; LaMonte Peter KOOP; Edward Allen PAYNE; and Matthew John FARLEY.
4. U.S. Nonprovisional Patent Application No. 12/609,008, filed October 29, 2009, titled "MANAGING AND SECURING CONSTRUCTION AND RENTAL EQUIPMENT", with the following Inventors: Thomas R. BERGER and Joseph E. DENNY.
5. U.S. Nonprovisional Patent Application No. 12/608,837, filed October 29, 2009, titled "UPDATING NODE PRESENCE BASED ON COMMUNICATION PATHWAY", with the following Inventors: David S. ROBINS.
6. U.S. Nonprovisional Patent Application No. 12/647,672, filed December 28, 2009, titled "RECEIVER STATE ESTIMATION IN A DUTY CYCLED RADIO", with the following Inventors: Matthew John FARLEY and LaMonte Peter KOOP.

(hereinafter "Patent Properties");

WHEREAS, TERAHOP NETWORKS, INC. (hereinafter "Assignee") is desirous of acquiring all rights, title, and interests in, to, and under each Invention and each of the Patent Properties, and in, to, and under any and all patents that have been or may be obtained for each Invention, together with all rights corresponding thereto;

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor acknowledges that he or she has agreed to quitclaim, assign, transfer and convey, and does hereby quitclaim, assign, transfer and convey, unto Assignee, effective with respect to each Invention at least as early as the date of conception of each such Invention, any and all right, title, and interest in, to and under:

- Each of the Inventions;
- Any and all applications for patent for the Inventions that may be or have been filed in any and all countries, including the Patent Properties;
- Any and all patents that may be or have been obtained for the Inventions in any and all countries;
- Any reissue, reexamination, extension, renewal, substitution, conversion, confirmation, division, continuation, nonprovisional, provisional, continuation-in-part and the like of any of the foregoing;
- Any application claiming priority to any of the foregoing; and
- Any past or present right or cause of action arising with respect to any of the foregoing, including the right to sue for patent infringement,

(hereinafter collectively "Invention Rights").

FURTHERMORE,

Assignor hereby acknowledges that any and all Invention Rights related to any Invention were at least under obligations of assignment to Assignee prior to conception of such Invention; that any and all Invention Rights related to any Invention already may have been assigned to Assignee; and that this "Assignment of Invention Rights" is being duly executed for at least the purposes of public recordation with the USPTO of Assignor's rights, title, and interests in the Invention Rights.

Assignor hereby covenants and agrees, and binds any and all heirs, administrators, legal representatives, nominees, and assigns, to assist and cooperate with Assignee, at Assignee's expense, in the preparation and prosecution of any application included within the Invention Rights and in the prosecution or defense of any interference, opposition, or other proceeding that may arise in connection with any application or patent included within the Invention Rights and, further, to execute and deliver to Assignee any and all additional petitions, oaths, assignments, or other papers or instruments that may be requested by Assignee in connection herewith.

Effective with respect to each Invention at least as early as the date of conception of each such Invention, Assignor hereby authorizes and empowers Assignee to invoke and claim for any application or patent included within the Invention Rights, the benefit of any rights to which Assignor might be entitled under international law or under the laws of any particular country, and to invoke and claim such rights without further written or oral authorization from Assignor.

Assignor hereby consents and agrees that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in any particular country for any purpose and, more particularly, in proof of the right of Assignee to claim the aforesaid benefit of the right of priority and the right to file for patent.

Assignor covenants and agrees that this Assignment and all the terms thereof shall inure to the benefit of the successors, assigns, legal representatives, and nominees of Assignee, without further written or oral authorization from Assignor.

Finally, Assignor hereby authorizes and requests the Director of the United States Patent & Trademark Office to issue any patent included within the Invention Rights to Assignee.

[Signature Pages Follow]

This the 17 day of February, 2010.

Assignor Robert W. Twitchell (Signature)

Robert W. TWITCHELL (Printed Name)

[Signature]
Witness #1 Signature

Gregory D Fletcher
Witness #1 Name (print)

4535 Shannon Ct
Witness #1 Address Line 1

Suwanee GA 30024
Witness #1 Address Line 2

[Signature]
Witness #2 Signature

Edward Payne
Witness #2 Name (print)

1811 Beckett Ct.
Witness #2 Address Line 1

Lawrenceville GA 30044
Witness #2 Address Line 2

NOTARY CERTIFICATE FOR ACKNOWLEDGEMENT

State of Georgia

County of Forsyth

United States of America

On this 17th day of February, 2010,

I certify that the following person personally appeared before me and acknowledged to me that he or she voluntarily signed the foregoing document for the purpose stated therein and in the capacity indicated:

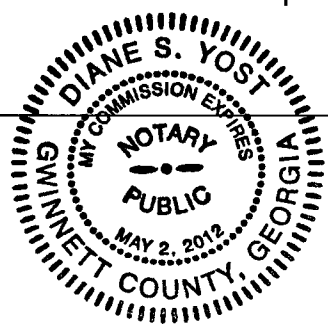
Robert W. Twitchell (person appearing before notary)

Notary Signature: Diane S Yost

Printed Name: Diane S Yost

My Commission Expires: May 2, 2012

(Notary Seal)



This the _____ day of _____, _____.

Assignor _____ (Signature)

Rodney A. HILTON _____ (Printed Name)

Witness #1 Signature

Witness #2 Signature

Witness #1 Name (print)

Witness #2 Name (print)

Witness #1 Address Line 1

Witness #2 Address Line 1

Witness #1 Address Line 2

Witness #2 Address Line 2

NOTARY CERTIFICATE FOR ACKNOWLEDGEMENT

State of _____)

County of _____)

United States of America

On this _____ day of _____,

I certify that the following person personally appeared before me and acknowledged to me that he or she voluntarily signed the foregoing document for the purpose stated therein and in the capacity indicated:

(person appearing before notary)

Notary Signature: _____

Printed Name: _____

My Commission Expires: _____

(Notary Seal)

This the 21st day of January, 2010.

Assignor Randy Edwards (Signature)

Randy EDWARDS (Printed Name)

[Signature]
Witness #1 Signature

Gregory D. Fletcher
Witness #1 Name (print)

4535 Stamen Ct
Witness #1 Address Line 1

Suwanee GA 30024
Witness #1 Address Line 2

[Signature]
Witness #2 Signature

Edward Payne
Witness #2 Name (print)

1811 Beckett Court
Witness #2 Address Line 1

Lawrenceville, GA 30044
Witness #2 Address Line 2

NOTARY CERTIFICATE FOR ACKNOWLEDGEMENT

State of Georgia)

County of Forsyth)

United States of America

On this 21st day of January, 2010,

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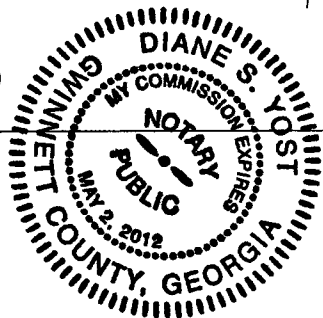
Randy Edwards (person appearing before notary)

Notary Signature: [Signature]

Printed Name: Diane S Yost

My Commission Expires: May 2, 2012

(Notary Seal)



This the 22nd day of January, 2010.

Assignor [Signature] (Signature)

Thomas R. BERGER (Printed Name)

[Signature]
Witness #1 Signature

Gregory D. Fletcher
Witness #1 Name (print)

4535 Shannon Ct
Witness #1 Address Line 1

Suwanee GA 30024
Witness #1 Address Line 2

[Signature]
Witness #2 Signature

Edward Payne
Witness #2 Name (print)

1811 Beckett Ct.
Witness #2 Address Line 1

Lawrenceville, GA 30044
Witness #2 Address Line 2

NOTARY CERTIFICATE FOR ACKNOWLEDGEMENT

State of Georgia)

County of Forsyth)

United States of America

On this 22nd day of January, 2010,

I certify that the following person personally appeared before me and acknowledged to me that he or she voluntarily signed the foregoing document for the purpose stated therein and in the capacity indicated:

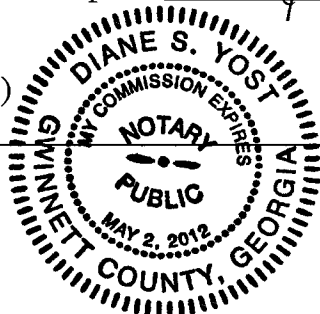
Thomas R. Berger (person appearing before notary)

Notary Signature: Diane S Yost

Printed Name: Diane S Yost

My Commission Expires: May 2, 2012

(Notary Seal)



This the 22nd day of January, 2010.

Assignor Joseph E. Denny (Signature)

Joseph E. DENNY (Printed Name)

[Signature]

Witness #1 Signature

Gregory D. Fletcher

Witness #1 Name (print)

4535 Stamon Ct

Witness #1 Address Line 1

Suwanee GA 30024

Witness #1 Address Line 2

[Signature]

Witness #2 Signature

Edward Payne

Witness #2 Name (print)

1811 Beckett Ct.

Witness #2 Address Line 1

Lawrenceville, GA 30044

Witness #2 Address Line 2

NOTARY CERTIFICATE FOR ACKNOWLEDGEMENT

State of Georgia)

County of Forsyth)

United States of America

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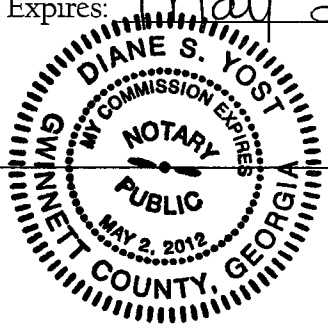
Joseph E. Denny (person appearing before notary)

Notary Signature: Diane S Yost

Printed Name: Diane S Yost

My Commission Expires: May 2, 2012

(Notary Seal)



This the 25 day of JANUARY, 2010.

Assignor [Signature] (Signature)

David S. ROBINS (Printed Name)

[Signature]
Witness #1 Signature

Gregory D. Fletcher
Witness #1 Name (print)

4535 Shamon Ct
Witness #1 Address Line 1

Suwanee GA 30027
Witness #1 Address Line 2

[Signature]
Witness #2 Signature

Randy S. Edwards
Witness #2 Name (print)

1225 Old ALPHARETTA Rd. Suite 210
Witness #2 Address Line 1

ALPHARETTA, GA 30005
Witness #2 Address Line 2

NOTARY CERTIFICATE FOR ACKNOWLEDGEMENT

State of Georgia)

County of Forsyth)

United States of America

On this 25th day of January, 2010,

I certify that the following person personally appeared before me and acknowledged to me that he or she voluntarily signed the foregoing document for the purpose stated therein and in the capacity indicated:

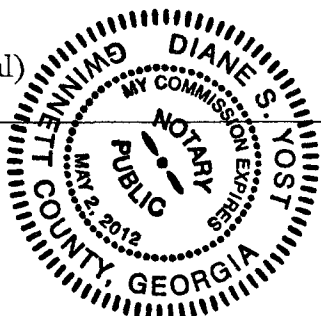
David S Robins (person appearing before notary)

Notary Signature: [Signature]

Printed Name: Diane S Yost

My Commission Expires: May 2, 2012

(Notary Seal)



This the 21st day of JANUARY, 2010.

Assignor Steve Wallace (Signature)

Stephen A. WALLACE (Printed Name)

[Signature]
Witness #1 Signature

[Signature]
Witness #2 Signature

Gregory D. Fletcher
Witness #1 Name (print)

Randy S. Edwards
Witness #2 Name (print)

4535 Shannon Ct
Witness #1 Address Line 1

1225 Old ALPHARETTA Rd, Suite 210
Witness #2 Address Line 1

Suwanee GA 30024
Witness #1 Address Line 2

ALPHARETTA, GA 30005
Witness #2 Address Line 2

NOTARY CERTIFICATE FOR ACKNOWLEDGEMENT

State of Georgia)

County of Forsyth)

United States of America

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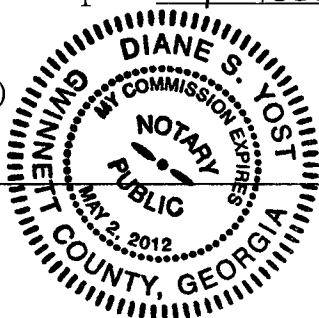
Stephen A. Wallace (person appearing before notary)

Notary Signature: Diane S Yost

Printed Name: Diane S Yost

My Commission Expires: May 2, 2012

(Notary Seal)



This the _____ day of _____, _____.

Assignor _____ (Signature)

Raymond T. GURGONE (Printed Name)

Witness #1 Signature

Witness #2 Signature

Witness #1 Name (print)

Witness #2 Name (print)

Witness #1 Address Line 1

Witness #2 Address Line 1

Witness #1 Address Line 2

Witness #2 Address Line 2

NOTARY CERTIFICATE FOR ACKNOWLEDGEMENT

State of _____)

County of _____)

United States of America

On this _____ day of _____,

I certify that the following person personally appeared before me and acknowledged to me that he or she voluntarily signed the foregoing document for the purpose stated therein and in the capacity indicated:

(person appearing before notary)

Notary Signature: _____

Printed Name: _____

My Commission Expires: _____

(Notary Seal)

This the 21st day of January, 2010.

Assignor [Signature] (Signature)

LaMonte Peter KOOP (Printed Name)

[Signature]
Witness #1 Signature

Gregory D Fletcher
Witness #1 Name (print)

4535 Staman Ct
Witness #1 Address Line 1

Suwanee GA 30024
Witness #1 Address Line 2

[Signature]
Witness #2 Signature

Randy J. Edwards
Witness #2 Name (print)

1225 Old ALPHARETTA Rd. Suite 210
Witness #2 Address Line 1

ALPHARETTA, GA 30005
Witness #2 Address Line 2

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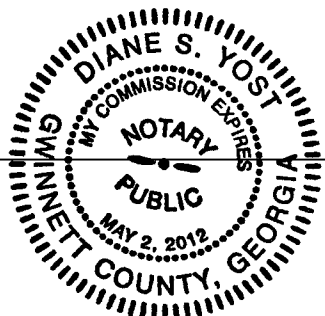
LaMonte Peter Koop (person appearing before notary)

Notary Signature: [Signature]

Printed Name: Diane S Yost

My Commission Expires: May 2, 2012

(Notary Seal)



This the 21st day of January, 2010.

Assignor [Signature] (Signature)

Edward Allen PAYNE (Printed Name)

[Signature]
Witness #1 Signature

Gregory D. Fletcher
Witness #1 Name (print)

4535 Shamon Ct
Witness #1 Address Line 1

Suwanee GA 30024
Witness #1 Address Line 2

[Signature]
Witness #2 Signature

Randy S. Edwards
Witness #2 Name (print)

1225 Old ALPHARETTA Rd, SUITE 210
Witness #2 Address Line 1

ALPHARETTA, GA 30005
Witness #2 Address Line 2

NOTARY CERTIFICATE FOR ACKNOWLEDGEMENT

State of Georgia)

County of Forsyth)

United States of America

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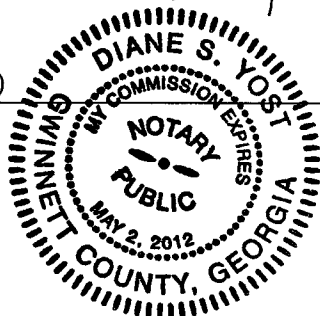
Edward Allen Payne (person appearing before notary)

Notary Signature: [Signature]

Printed Name: Diane S Yost

My Commission Expires: May 2, 2012

(Notary Seal)



This the 27 day of January, 2010.

Assignor Matthew Farley (Signature)

Matthew John FARLEY (Printed Name)

[Signature]
Witness #1 Signature

Gregory D. Fletcher
Witness #1 Name (print)

4535 Shaman Ct
Witness #1 Address Line 1

Suwanee GA 30024
Witness #1 Address Line 2

[Signature]
Witness #2 Signature

Edward Payne
Witness #2 Name (print)

1711 Beckett Ct.
Witness #2 Address Line 1

Lawrenceville, GA 30044
Witness #2 Address Line 2

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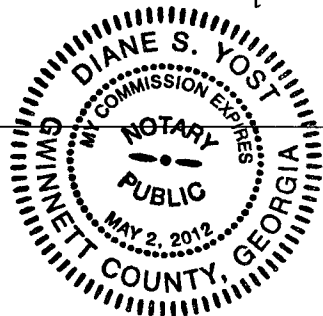
Matthew John Farley (person appearing before notary)

Notary Signature: [Signature]

Printed Name: Diane S Yost

My Commission Expires: May 2, 2012

(Notary Seal)



ACCEPTANCE BY ASSIGNEE

Assignee hereby accepts the assignment of the Invention Rights as set forth above.

This the 25th day of February, 2010

TERAHOP NETWORKS, INC (Assignee)

By: [Signature] (Signature)

GREGORY D. FLETCHER (Printed Name)

CFO (Representative Title)

[Signature]
Witness #1 Signature

[Signature]
Witness #2 Signature

Randy S. Edwards
Witness #1 Name (print)

DAVID NISAN
Witness #2 Name (print)

1725 Old Alabama Rd. Suite 210
Witness #1 Address Line 1

6577 Monte Vista
Witness #2 Address Line 1

Atlanta GA 30005
Witness #1 Address Line 2

BAINBRIDGE IS, GA 30810
Witness #2 Address Line 2

NOTARY CERTIFICATE FOR ACKNOWLEDGEMENT

State of Georgia

County of Forsyth

United States of America

On this 25th day of February, 2010

I certify that the following person personally appeared before me and acknowledged to me that he or she voluntarily signed the foregoing document for the purpose stated therein and in the capacity indicated:

Gregory D. Fletcher (person appearing before notary)

Notary Signature: [Signature]

Printed Name: Diane S Yost

My Commission Expires: May 2, 2012

(Notary Seal)

