# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2959799

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HARVEY RUBIN	07/23/2014
JAMES KEITH BREWINGTON	07/24/2014
ANIL S. SAWKAR	07/24/2014
DAVID M. POTICNY	07/25/2014

## **RECEIVING PARTY DATA**

Name:	ALL PURPOSE NETWORKS LLC
Street Address:	19 CHESTERFIELD DRIVE
City:	CHESTER
State/Country:	NEW JERSEY
Postal Code:	07930

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14445504

## **CORRESPONDENCE DATA**

**Fax Number:** (612)677-3572

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:** 414-333-0510

**Email:** dpeterson@gtclawgroup.com, gtcdocketing@cpaglobal.com

Correspondent Name: GTC LAW GROUP LLP & AFFILIATES

Address Line 1: C/O CPA GLOBAL Address Line 2: P.O. BOX 52050

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	APNS-0006-U03
NAME OF SUBMITTER:	JULIE ZAVORAL
SIGNATURE:	/Julie Zavoral/
DATE SIGNED:	07/30/2014

#### **Total Attachments: 5**

source=APNS-0006-U03\_Assignment SIGNED#page1.tif source=APNS-0006-U03\_Assignment SIGNED#page2.tif

PATENT 502913201 REEL: 033418 FRAME: 0233

source=APNS-0006-U03\_Assignment SIGNED#page3.tif source=APNS-0006-U03\_Assignment SIGNED#page4.tif source=APNS-0006-U03\_Assignment SIGNED#page5.tif

PATENT REEL: 033418 FRAME: 0234

Application No.: 14/445,504 7/30/14 dip

Attorney Docket No.: APNS-0006-U03

## **ASSIGNMENT**

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

## EFFICIENT DELIVERY OF REAL-TIME SYNCHRONOUS SERVICES OVER A WIRELESS NETWORK

for which a United States	Patent application	was filed on July 29	, <u>2014</u> , and	7/30/14 djp
bears Application Number	14/445,504	(hereinafter "Applica	tion");	7.

AND, WHEREAS, All Purpose Networks LLC, a corporation of the State of New Jersey, having a place of business at 19 Chesterfield Drive, Chester, NJ 07930, hereinafter called the "Assignee", is desirous of acquiring the entire right, title, and interest in and to said Application(s) and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said Assignee, the receipt and sufficiency of which are hereby acknowledged, I as a named inventor, hereinafter the Assignor, do hereby assign, sell and transfer unto said Assignee the full and exclusive right, title and interest in and to said Application(s) and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries, and all conversions, divisions, reissues, continuations, continuationsin-part, renewals and/or extensions thereof. Such assignment also includes the right to claim priority to the Application(s) under any law, rule, treaty, or convention. Such assignment extends to the full ends of the terms of the Application(s) and such Letters Patent as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made. Said full and exclusive right, title, and interest referred to above includes all rights to all past, present and future claims for infringement of any patent resulting from said Application(s) including the right to grant licenses, to bring lawsuits, and to recover damages for any past, present, and future infringement, whether known or unknown, now existing or hereafter arising. I also give permission to attorneys from the GTC Law Group LLP and Affiliates to fill in the above blanks for the application date and number, or to insert "filed concurrently herewith" as applicable. since the application number and filing date may not be known at the date of today's signing.

I, as a named inventor, covenant that I am a lawful owner of said Application(s), inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements thereof, and that I have the full right to make this Assignment.

And for the consideration aforesaid, I agree individually and, if applicable, jointly, that I will communicate to said Assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all conversion, divisional, reissue, continuation, continuation-in-part, renewal and/or

> **PATENT** REEL: 033418 FRAME: 0235

Application No.: 14/445,504 Attorney Docket No.: APNS-0006-U03

7/30/14 dip

extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said Assignee or by counsel for said Assignee to assist or enable said Assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said Assignee.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

1. FULL NAME OF ASSIGNOR: Harvey Rubin	RESIDENCE: Morristown, NJ
EXECUTED this 23 day July, 2014	Hawy Reben
2. FULL NAME OF ASSIGNOR:  James Keith Brewington	RESIDENCE: Chester, NJ
EXECUTED this day, 2014	SIGNATURE
3. FULL NAME OF ASSIGNOR: Anil S. Sawkar	RESIDENCE: Basking Ridge, NJ
EXECUTED this day, 2014	SIGNATURE
4. FULL NAME OF ASSIGNOR:  David M. Poticny	RESIDENCE: Whippany, NJ
EXECUTED this day, 2014	SIGNATURE

14/445,504

Application No.: APNS-0006-U03

7/30/14 dip

extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said Assignee or by counsel for said Assignee to assist or enable said Assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said Assignee.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

1. FULL NAME OF ASSIGNOR: Harvey Rubin	RESIDENCE: Morristown, NJ
EXECUTED this day, 2014	SIGNATURE
2. FULL NAME OF ASSIGNOR:  James Keith Brewington	RESIDENCE: Chester, NJ
EXECUTED this 24 day July, 2014	Japa Keith Brewigh
3. FULL NAME OF ASSIGNOR: Anil S. Sawkar	RESIDENCE: Basking Ridge, NJ
EXECUTED this day, 2014	SIGNATURE
4. FULL NAME OF ASSIGNOR:  David M. Potieny	RESIDENCE: Whippany, NJ
EXECUTED this day, 2014	SIGNATURE

Application No.: 14/445,504 Attorney Docket No.: APNS-0006-U03

extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said Assignee or by counsel for said Assignee to assist or enable said Assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said Assignee.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

1. FULL NAME OF ASSIGNOR:  Harvey Rubin	RESIDENCE: Morristown, NJ
EXECUTED this day, 2014	SIGNATURE
2. FULL NAME OF ASSIGNOR:  James Keith Brewington	RESIDENCE: Chester, NJ
EXECUTED this day, 2014	SIGNATURE
3. FULL NAME OF ASSIGNOR: Anil S. Sawkar	RESIDENCE: Basking Ridge, NJ
EXECUTED this 24_ day كاللب 2014	And S. Sanky
4. FULL NAME OF ASSIGNOR:  David M. Poticny	RESIDENCE: Whippany, NJ
EXECUTED this day, 2014	SIGNATURE

Application No.: Attorney Docket No.: APNS-0006-U03

extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said Assignee or by counsel for said Assignee to assist or enable said Assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said Assignee.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

1. FULL NAME OF ASSIGNOR:  Harvey Rubin	RESIDENCE: Morristown, NJ
EXECUTED this day, 2014	SIGNATURE
2. FULL NAME OF ASSIGNOR:  James Keith Brewington	RESIDENCE: Chester, NJ
EXECUTED this day, 2014	SIGNATURE
3. FULL NAME OF ASSIGNOR: Anil S. Sawkar	RESIDENCE: Basking Ridge, NJ
EXECUTED this day, 2014	SIGNATURE
4. FULL NAME OF ASSIGNOR:  David M. Poticny	RESIDENCE: Whippany, NJ
EXECUTED this 25 day JV4, 2014	David M. Poten.

RECORDED: 07/30/2014

PATENT REEL: 033418 FRAME: 0239