#### 504121122 12/02/2016

#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4167792

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
RALPH MASON	06/25/2014
MARK FRYER	06/06/2014
MICHAEL FRIED	06/06/2014
JEFFREY FIORE	06/11/2014
RICK TUREK	06/06/2014
BRAD LLEWELLYN	06/06/2014
PETER LEAR	06/10/2014
VICTOR REHORST	06/05/2014
STEVEN ASHLEY	06/06/2014

#### **RECEIVING PARTY DATA**

Name:	TELOGIS, INC.
Street Address:	20 ENTERPRISE #100
City:	ALISO VIEJO
State/Country:	CALIFORNIA
Postal Code:	92656

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

Property Type	Number
Application Number:	15070809

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: 20141713P1

NAME OF SUBMITTER: JOSEPH R. PALMIERI

SIGNATURE:	/JOSEPH R. PALMIERI, REG. NO. 40,760/
DATE SIGNED:	12/02/2016
Total Attachments: 12	
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Application Data Sheet filed previously or concurrently

Docket No.: TLOGS.076A Page 1 of 12

Title: CONTEXT-BASED ROUTING AND ACCESS PATH SELECTION

Inventors: Ralph Mason, Mark Fryer, Michael Fried, Jeffrey Fiore, Rick Turek, Brad Llewellyn, Peter Lear, Victor Rehorst, Steven Ashley and Ben Burns

#### Declaration

This Declaration is directed to the application identified above that:

Was filed May 22, 2014 as U.S. or International Application No. 14/285,500 and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

#### Assignment from Inventors

WHEREAS, above-identified inventors (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, **Telogis**, **Inc.**, with its principal place of business at 20 Enterprise, Suite 100, Aliso Viejo, CA 92656 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all patent properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all provisional applications relating thereto (including but not limited to U.S. Provisional Application No(s)., filed (respectively if plural applications));

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and

all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

Application Data Sheet filed previously or concurrently

Docket No.: TLOGS.076A Page 2 of 12

Title: CONTEXT-BASED ROUTING AND ACCESS PATH SELECTION

Inventors: Ralph Mason, Mark Fryer, Michael Fried, Jeffrey Fiore, Rick Turek, Brad Llewellyn, Peter Lear, Victor Rehorst, Steven Ashley and Ben Burns

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

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COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))  Application Data Sheet filed previously or concurrently	
Docket No.: TLOGS.076A	and proviously of concurrently
Title: CONTEXT-BASED ROUTING AND ACCES	Page 3 of 12
Inventors: Ralph Mason, Mark Fryer, Michael Frie Victor Rehorst, Steven Ashley and Ben B	nd laster m
Legal Name of investors	
Legal Name of inventor: Ralph Mason	
Signature:	Date: 25th Jan 2014
/ Witnessed by:	Ab
Witness Name (printed):	Sarah van Turnhout

# COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently Docket No.: TLOGS.076A Page 4 of 12 Title: CONTEXT-BASED ROUTING AND ACCESS PATH SELECTION Inventors: Ralph Mason, Mark Fryer, Michael Fried, Jeffrey Fiore, Rick Turek, Brad Llewellyn, Peter Lear, Victor Rehorst, Steven Ashley and Ben Burns Legal Name of inventor: Mark Fryer Signature: M. M. W. Date: 6 June 2014 Witnessed by: Welliums

Witness Name (printed): RESECCA HELLIWELL

Application Data Sheet filed previously or conducted No.: TLOGS 076A	currently
Title: CONTEXT-BASED ROUTING AND ACCESS PATH SELECTION	Page 5 of 12
Inventors: Ralph Mason, Mark Fryer, Michael Fried, Jeffrey Fiore, Rick Victor Rehorst, Steven Ashley and Ben Burns	Turek, Brad Llewellyn, Peter Lear,
Laggi Nama at in a said a	
Legal Name of inventor: Michael Fried	
Signature: Min Juin	Date: 6/6/2014
Witnessed by: Sleuw Adhle	
Witness Name (printed): Steven Ashley	1

Docket No.: TLOGS:076A	Page 6 of 12
Title: CONTEXT-BASED ROUTING AND ACCESS PATH SELECT	rion
Inventors: Ralph Mason, Mark Fryer, Michael Fried, Jeffrey Fiore, I Victor Rehorst, Steven Ashley and Ben Burns	Rick Turek, Brad Llewellyn, Peter Lear,
Legal Name of inventor: Jeffrey Flore	
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20_14	is 115 day of Jule
Signature: \( \sum \int \) Signature before a Notary	is desirable but not required,
STATE OF CALIFORNIA Ss.	
COUNTY OF	
On, before me,	ed to me that he/she/they executed or/their signature(s) on the instrument
I certify under PENALTY OF PERJURY under the laws of the State paragraph is true and correct.	of California that the foregoing
WITNESS my hand and official seal.	
Notary Signal	ture

REEL: 040498 FRAME: 0138

Docket No.: TLOGS.076A Page 7 of 12
Title: CONTEXT-BASED ROUTING AND ACCESS PATH SELECTION
Inventors: Ralph Mason, Mark Fryer, Michael Fried, Jeffrey Fiore, Rick Turek, Brad Llewellyn, Peter Lear Victor Rehorst, Steven Ashley and Ben Burns
Legal Name of inventor: Rick Turek
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this <u>CHA</u> day of <u>June</u>
20 <u>74.</u> Signature: Richard Tunch
Signature before a Notary is desirable but not required.
STATE OF CALIFORNIA
county of
On, before me,, notary public, personally appeared Rick Turek who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
WITNESS my hand and official seal.
Notary Signature

Application Butta One	of mod promotion of contain only	
Docket No.: TLOGS.076A		Page 8 of 12
Title: CONTEXT-BASED ROUTING AND ACC	CESS PATH SELECTION	
Inventors: Ralph Mason, Mark Fryer, Michael I Victor Rehorst, Steven Ashley and Ber		wellyn, Peter Lear,
		J. Commission of the Commissio
Legal Name of inventor: Brad Liewellyn	<del>\ \</del>	
IN TESTIMONY WHEREOF, I hereunto set m	ny hand and seal this <u>6</u> day of <u></u>	DUME
Signature:	100	
	otary is desirable but not required. lease attach the appropriate notarial docu	
construction of Herrace		
The largering instrument was acknowledged		
plane methis 9 day of 7000.	JOSHUA D. CORPEY	
DEED HEVERYN	JOSHUA D. FORKEY Notary Public	
(name of person seeking acknowledgement)	Commonwealth of Virginia	•

My commission expires:\_

354081 My Commission Expires Dec 31, 2018

Application Data Sheet filed previously or concurrently

Docket No.: TLOGS.076A Page 9 of 12

Title: CONTEXT-BASED ROUTING AND ACCESS PATH SELECTION

Inventors: Ralph Mason, Mark Fryer, Michael Fried, Jeffrey Fiore, Rick Turek, Brad Llewellyn, Peter Lear, Victor Rehorst, Steven Ashley and Ben Burns

Legal Name of inventor: Peter Lear

Signature:

Date:

Witnessed by:

Witness Name (printed):

Application Data Sheet filed previously or concurrently

Page 10 of 12 Docket No.: TLOGS 076A Title: CONTEXT-BASED ROUTING AND ACCESS PATH SELECTION Inventors: Ralph Mason, Mark Fryer, Michael Fried, Jeffrey Fiore, Rick Turek, Brad Llewellyn, Peter Lear, Victor Rehorst, Steven Ashley and Ben Burns Legal Name of inventor; Victor Rehorst Signature: Witnessed by Witness Name (printed):

REEL: 040498 RAME: 0142

Docket No.: TLOGS,076A

Page 11 of 12

Title: CONTEXT-BASED ROUTING AND ACCESS PATH SELECTION

Inventors: Ralph Mason, Mark Fryer, Michael Fried, Jeffrey Fiore, Rick Turek, Brad Llewellyn, Peter Lear, Victor Rehorst, Steven Ashley and Ben Burns

Legal Name of inventor: Steven Ashley

Signature:

Date 6/6/2014

Witnessed by: -

Witness Name (printed):

Docket No.: TLOGS.076A	Page 12 of 12
Title: CONTEXT-BASED ROUTING AND ACCESS PA	TH SELECTION
Inventors: Ralph Mason, Mark Fryer, Michael Fried, Jet Victor Rehorst, Steven Ashley and Ben Burns	ffrey Fiore, Rick Turek, Brad Llewellyn, Peter Lear,
Legal Name of inventor: Ben Burns	
Signature:	Date:
Witnessed by:	
Witness Name (printed):	<del></del>

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**RECORDED: 12/02/2016**