504106190 11/21/2016 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY DA	ΑΤΑ				
		Name	Execution Date		
WILLIAM GEORGE LOC	MAN		02/28/2014		
JEFFERSON RAY TAN	HIDAYA	Т	02/03/2014		
KATHERINE WINNIE KO	ЭК		02/11/2014		
MARK ROBERT DUNLC	P		02/04/2014		
RECEIVING PARTY DA	тл				
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Street Address:		TERPRISE			
Internal Address:		SUITE 100			
City:	ALISO				
State/Country:	CALIF				
Postal Code:	92656				
PROPERTY NUMBERS	Total: 1	l	_		
Property Type		Number			
Application Number:		15233838			
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using a fax number, if p Phone:		<i>d; if that is unsuccessful, it will be se</i> 9497600404	ent via US Mall.		
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Correspondent Name:		KNOBBE, MARTENS, OLSON & BEAL	RIIP		
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ATTORNEY DOCKET NU	JMBER:	TLOGS.027C1			
NAME OF SUBMITTER:		JACOB PETERSON	JACOB PETERSON		
SIGNATURE:		/Jacob Peterson/	/Jacob Peterson/		
DATE SIGNED:		11/21/2016	11/21/2016		
Total Attachments: 5		1			

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COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently

Docket No.: TLOGS.027A

Page 1 of 5

Title: VEHICLE FLEET ROUTING SYSTEM

Inventors: William George LOOMAN, Jefferson Ray Tan HIDAYAT, Katherine Winnie KOK, Mark Robert DUNLOP

Declaration

This Declaration is directed to the application identified above that:

Was filed **May 28, 2013** as U.S. or International Application No. **13/903,904** 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** (individuals hereinafter "ASSIGNORS") 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 California, 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, ASSIGNORS hereby acknowledge that ASSIGNORS have 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 Nos. **61/660,600 and 61/666,555** filed **June 15, 2012 and June 29, 2012**, respectively);

all nonprovisional applications claiming priority to aforementioned provisionals 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.

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: TLOGS.027A

Page 2 of 5

Title: VEHICLE FLEET ROUTING SYSTEM

Inventors: William George LOOMAN, Jefferson Ray Tan HIDAYAT, Katherine Winnie KOK, Mark Robert DUNLOP

ASSIGNORS hereby acknowledge the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorize and request 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 ASSIGNORS DO 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 ASSIGNORS DO HEREBY covenant and agree that ASSIGNORS will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNORS 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.

Legal Name of inventor: William George LOOMAN

mature: <u>Mar Lacor</u>	a a construction of the second s	Date: 2014-02-28
Witnessed by:	Kilble	Bert
Witness Name (printed):	(Kat acia	2 Kok

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently	
Docket No.: TLOGS.027A	Page 3 of 5
Title: VEHICLE FLEET ROUTING SYSTEM	
Inventors: William George LOOMAN, Jefferson Ray Tan HIDAYAT, Katherine Winnie KOK, N DUNLOP	Aark Robert
Legal Name of inventor: Jefferson Ray Tan HIDAYAT	
Signature: Ray Date: 3 Feb	, 2014
Wilnessed by: <u>NPDL-P</u>	
Witness Name (printed): Mark Duniop	

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently	
Docket No.: TLOGS.027A	Page 4 of 5
Title: VEHICLE FLEET ROUTING SYSTEM	
Inventors: William George LOOMAN, Jefferson Ray Tan HIDAYAT, Katherine Winnie KOK, N DUNLOP	/ark Robert

Legal Name of inventor: Katherine Winnie KOK

Signature: MACK	Date:	11-56-14
Witnessed by: SUDLIC HALL	. <u>.</u>	
Witness Name (printed):		

PATENT REEL: 040395 FRAME: 0688

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently			
Docket No.: TLOGS.027A	Page 5 of 5		
Title: VEHICLE FLEET ROUTING SYSTEM			
Inventors: William George LOOMAN, Jefferson Ray Tan HIDAYAT, Katherine Winnie KOK, M DUNLOP	Vark Robert		
Legal Name of inventor: Mark Robert DUNLOP			
Signature: <u>1.14</u> Date: <u>4/2/20</u> Witnessed by: <u>Ray</u>	<u>k 4</u>		
Witness Name (printed). Ray Hidayat			

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