505819947 12/13/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT B DYBDAL	12/11/2019

RECEIVING PARTY DATA

Name:	THE AEROSPACE CORPORATION
Street Address:	2310 E. EL SEGUNDO BLVD.,
Internal Address:	M/S M1/040
City:	EL SEGUNDO
State/Country:	CALIFORNIA
Postal Code:	90245

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16712000

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: KNOBBE MARTENS OLSON & BEAR LLP

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ATTORNEY DOCKET NUMBER:	AERO.004A
NAME OF SUBMITTER:	DAVID TROSSEN
SIGNATURE:	/David Trossen/
DATE SIGNED:	12/13/2019

Total Attachments: 3

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PATENT 505819947 REEL: 051275 FRAME: 0955

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

Application Data Sheet filed previously or concurrently

Docket No.: AERO,004A / 18-0032

Page 1 of 3

Title: REDUCING USER MULTIPATH ERROR AND ACQUISITION TIME IN SATELLITE NAVIGATION

RECEIVERS

Inventor: Robert B. Dybdal

Declaration

This Declaration is directed to the application identified above that is attached.

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 of a claimed invention 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 1.58.

Assignment from Inventor

WHEREAS, the above-identified inventor (individual hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries related to REDUCING USER MULTIPATH ERROR AND ACQUISITION TIME IN SATELLITE NAVIGATION RECEIVERS (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been filed or prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application"), and ASSIGNOR desires to assign the Work and the Application to the below identified Assignee.

AND WHEREAS, The Aerospace Corporation, with its principal place of business at 2310 E. El Segundo Blvd., M/S M1/040, El Segundo, CA 90245 (hereinafter the "ASSIGNEE"), desires to acquire or confirm ownership of 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 and to the Application and the Work, including: all provisional applications relating to the Work and the Application; all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the 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.

ASSIGNOR hereby 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.

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

PATENT REEL: 051275 FRAME: 0956

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

Application Data Sheet filed previously or concurrently

Docket No.: AERO.004A / 18-0032 Page 2 c	of 3
Title: REDUCING USER MULTIPATH ERROR AND ACQUISITION TIME IN SATELLITE NAVIGATION RECEIVERS	N
Inventor: Robert B. Dybdal	
rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or naccrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for prinfringements of said Letters Patent before or after issuance.	nay xast
AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will: communicate to s ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respect the Work; testify in any legal proceeding; assist in the preparation of any other Patent Property relating the Application and the Work or any improvements made thereto; sign/execute all lawful paper authorize the filing of, execute, and make all rightful paths and/or declarations in connection with la Application and the Work including any improvements made thereto, any patent applications fill therefrom, and any continuing application filed from any of the aforementioned applications; and general to everything possible to ald the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for the Work in all countries.	ling J to ers; the lied ally
Legal Name of Inventor: Robert 8. Dybdal	**********
N TESTIMONY WHEREOF, I hereunto set my hand and seal thisday of <i>LZ/U/19</i>	5

Signature:

Signature before a Notary is desirable but not required.

PATENT REEL: 051275 FRAME: 0957

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

Application Data Sheet filed previously or concurrently

Docket No.: AERO,004A / 18-0032

Page 3 of 3

Title: REDUCING USER MULTIPATH ERROR AND ACQUISITION TIME IN SATELLITE NAVIGATION

RECEIVERS

Inventor: Robert B. Dybdal

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA COUNTY OF \

88.

, notary public, personally appeared Robert B. Dybdal 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.

Notany Stonature

[SEAL]



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RECORDED: 12/13/2019

PATENT REEL: 051275 FRAME: 0958