PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4891861

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL COLLIN JENKINS	11/26/2003
TIMOTHY RONALD JACKSON	11/26/2003
PETER JOSEPH MAIMONE	11/26/2003

RECEIVING PARTY DATA

Name:	U-NAV MICROELECTRONICS CORPORATION	
Street Address:	8 HUGHES	
City:	IRVINE	
State/Country:	CALIFORNIA	
Postal Code:	92618	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11544246

CORRESPONDENCE DATA

Fax Number:

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.

Email: Isabido@qualcomm.com

Correspondent Name: QUALCOMM INCORPORATED Address Line 1: 5775 MOREHOUSE DRIVE Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:	112135U3C1
NAME OF SUBMITTER:	LINDA SMITH
SIGNATURE:	/Linda SMITH/
DATE SIGNED:	03/29/2018

Total Attachments: 3

source=112135U3C1 ASST (Inventors to u-Nav Microelectronics Corporation) 2003-11-26#page1.tif source=112135U3C1_ASST (Inventors to u-Nav Microelectronics Corporation)_2003-11-26#page2.tif source=112135U3C1 ASST (Inventors to u-Nav Microelectronics Corporation) 2003-11-26#page3.tif

PATENT REEL: 045392 FRAME: 0573 504845124

RECORDATION FORM COVER SHEET				
PATENT	S ONLY			
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.				
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)			
Daniel Collin JENKINS; Timothy Ronald JACKSON;	Name: u-Nav Microelectronics Corporation			
Peter Joseph MAIMONE	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes No. 3. Nature of conveyance/Execution Date(s): Execution Date(s) November 26, 2003 Assignment Merger	Street Address: 8 Hughes City: Irvine			
Security Agreement Change of Name				
Joint Research Agreement	State: California			
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: US Zip: 92618			
Other	Additional name(s) & address(es) attached? 🗌 Yes 🗵 No			
A. Patent Application No.(s) 11/544,246 Additional numbers att	B. Patent No.(s) ached?			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name:QUALCOMM INCORPORATED				
Internal Address:	7. Total fee (37 CFR 1.21(h) & 3.41) \$0			
Street Address: 5775 MOREHOUSE DRIVE	☐ Authorized to be charged to deposit account ☐ Enclosed ☐ None required (government interest not affecting title)			
City: SAN DIEGO	8. Payment Information			
State: CALIFORNIA Zip: 92121				
Phone Number:				
Docket Number: 112135U3C1	Deposit Account Number			
Email Address: sabido@qualcomm.com	Authorized User Name			
9. Signature: /Linda SMITH/	March 29, 2018			
Signature	Date			
Linda SMITH Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:			
Documents to be recorded (including cover sheet Mail Stop Assignment Recordation Services, Director o	i) should be faxed to (571) 273-0140, or mailed to: f the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450			

PATENT REEL: 045392 FRAME: 0574 Docket No.: 157622-0022

ASSIGNMENT

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Daniel Collin Jenkins, Timothy Ronald Jackson and Peter Joseph Maimone

hereby sell, assign, and transfer to:

u-Nav Microelectronics Corporation

a corporation organized and existing under the laws of the United States, having its principal place of business at 8 Hughes, Irvine, California 92618, USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

SYSTEM AND METHOD OF UTILIZING POSITIONING RECEIVER HARDWARE FOR NETWORK-BASED TRANSCEIVER APPLICATIONS

and in and to said application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States application, and in all subsequent PCT and foreign applications claiming priority to the United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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PATENT PREEL: 0043392 PRANCE: 0675

Each inventor: Please also list the date that you signed the accompanying DECLARATION & POWER OF ATTORNEY

11/26/63 Date	Lariel Collin Joshins Name: Daniel Collin Jenkins	11/26/03 Date
11 /26/03 Date	Singly Ronald Sale— Name: Timothy Ronald Jackson	11 /26 /03 Date
11/24 /03 Date	Name: Peter Joseph Maimone	<u> 11/20/03</u> Date

Assignment Document Return Address: trell & Manella LLP 840 Newport Center Drive, Suite 400 Newport Beach, CA 92660 Telephone: 949-760-0991

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