

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3005845

|   |                                 |
|---|---------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                  |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                      |
| <b>CONVEYING PARTY DATA</b>   |                                 |
| <b>Name</b>   | <b>Execution Date</b>           |
| CLARK E. COHEN  | 08/28/2014                      |
| THOMAS J. HOLMES  | 08/28/2014                      |
| MARK L. PSIAKI  | 08/29/2014                      |
| <b>RECEIVING PARTY DATA</b>   |                                 |
| <b>Name:</b>  | COHERENT NAVIGATION, INC.       |
| <b>Street Address:</b>  | 1800 GATEWAY DRIVE, #160        |
| <b>City:</b>  | SAN MATEO                       |
| <b>State/Country:</b>   | CALIFORNIA                      |
| <b>Postal Code:</b>   | 94404                           |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                 |
| <b>Property Type</b>  | <b>Number</b>                   |
| <b>Application Number:</b>  | 14244828                        |
| <b>CORRESPONDENCE DATA</b>  |                                 |
| <b>Fax Number:</b>  | (512)867-8470                   |
| <i>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.</i> |                                 |
| <b>Phone:</b>   | 512-867-8457                    |
| <b>Email:</b>   | ipdocketing@haynesboone.com     |
| <b>Correspondent Name:</b>  | DAVID W. O'BRIEN                |
| <b>Address Line 1:</b>  | HAYNES AND BOONE LLP            |
| <b>Address Line 2:</b>  | 600 CONGRESS AVENUE, SUITE 1300 |
| <b>Address Line 4:</b>  | AUSTIN, TEXAS 78701             |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 50335.29                        |
| <b>NAME OF SUBMITTER:</b>   | MICHAEL E. RAMON                |
| <b>SIGNATURE:</b>   | /Michael E. Ramon/              |
| <b>DATE SIGNED:</b>   | 09/02/2014                      |
| This document serves as an Oath/Declaration (37 CFR 1.63).  |                                 |
| <b>Total Attachments: 6</b>   |                                 |
| source=USSN 14-244828 Cohen Holmes Psiaki to CN (50335.29)#page1.tif  |                                 |
| source=USSN 14-244828 Cohen Holmes Psiaki to CN (50335.29)#page2.tif  |                                 |

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**PATENT**

**REEL: 033653 FRAME: 0564**

## **ASSIGNMENT OF INVENTION**

For good and valuable consideration, the receipt of which is hereby acknowledged,  
I, an ASSIGNOR named below,

Clark E. Cohen of Washington, DC

hereby sell, assign and transfer to

ASSIGNEE: Coherent Navigation, Inc., a Delaware corporation having a place  
of business at 1800 Gateway Dr., Suite 160, San Mateo, CA 94404,

its successors, assigns and legal representatives, my entire right, title and interest throughout  
the world, including all rights to claim priority, in and to the invention(s) disclosed in:

- ☐ U.S. Patent Application executed on or about the date of this Assignment,
- ☐ U.S. Patent Application executed on \_\_\_\_\_, or
- ☒ U.S. Patent Application No.: 14/244,828, filed on April 3, 2014
- ☐ International Application No.: PCT/\_\_\_\_\_, filed on \_\_\_\_\_

ENTITLED: **SYSTEM AND METHOD FOR CONTINUOUS CARRIER  
WAVE RECONSTRUCTION**, and naming as

INVENTOR(S): Isaac T. Miller, William J. Bencze, Robert Brumley, Brent M.  
Ledvina, Mark L. Psiaki, Thomas J. Holmes and Clark E. Cohen

including without limitation, my entire right, title and interest in and to U.S. Provisional  
Application 61/668,984, filed July 6, 2012, U.S. Provisional Application 61/691,661, filed  
August 21, 2012 and, more generally, in and to any and all United States and foreign  
applications (including any and all provisional, international, regional and foreign national  
applications) for said invention(s), including divisions, continuations, continuations-in-part,  
renewals, substitutes and extensions thereof, and in and to any and all patents of every  
country or region that may be granted or have been granted for said invention(s), including  
any reissues and reexaminations thereof.

For avoidance of doubt and to the extent that I am subject to a prior agreement to transfer  
right, title or interest in the disclosed invention(s) to ASSIGNEE, this Assignment confirms  
that transfer and further effectuates the transfer of any and all of the aforementioned rights,  
title and interests that, on the date of my execution of this Assignment, are not already vested  
in ASSIGNEE.

To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that  
the application number and filing date be inserted here, if not already shown above,  
(\_\_\_\_\_/\_\_\_\_\_, filed \_\_\_\_\_) when they become known.

This Assignment may also serve as an oath or declaration in accord with 37 C.F.R. § 1.63(e)  
and, as such, as an inventor executing below, I do hereby state that I believe I am the original  
inventor or an original joint inventor of an invention claimed in any above-identified U.S.  
Patent Application or International Application designating the United States and do hereby  
state that such application is and was made or authorized to be made by me.


ASSIGNMENT OF INVENTION

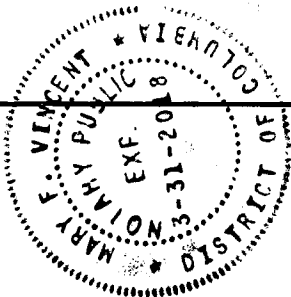
I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s), and to claim all rights of priority without further authorization from me.

I agree to execute any and all papers useful in connection with any and all U.S. and foreign applications (including international, regional, and foreign national applications), and generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees, at their request and reasonable expense, in obtaining and enforcing patents for said invention(s) in all countries.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

I authorize and request the Commissioner of Patents and Trademarks to issue any U.S. Letters Patent that may be granted for said invention(s) to ASSIGNEE, its successors or assigns.

|  |                                   |
|--|-----------------------------------|
| Executed on <u>August 28, 2014</u> by <u></u>  |                                   |
| Clark E. Cohen   |                                   |
| ----- Notary Use Below -----   |                                   |
| ACKNOWLEDGMENT   |                                   |
| State of <u>DISTRICT OF COLUMBIA</u>   |                                   |
| County of _____  |                                   |
| On <u>August 28, 2014</u>  | before me, <u>MARY F. VINCENT</u> |
| (Date)   | (Printed Name of Notary)          |
| personally appeared _____  | <u>Clark E. Cohen</u>             |
|  | (Printed Name of Inventor)        |
| who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. |                                   |
| I certify under PENALTY OF PERJURY under the laws of the State of <u>District of Columbia</u> that the foregoing paragraph is true and correct.  |                                   |
| WITNESS my hand and official seal.   |                                   |
| <u>Mary F. Vincent</u>   |                                   |
| Signature of Notary  |                                   |



MARY F. VINCENT  
NOTARY PUBLIC DISTRICT OF COLUMBIA  
My Commission Expires March 31, 2018

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For good and valuable consideration, the receipt of which is hereby acknowledged,  
I, an ASSIGNOR named below,

Thomas J. Holmes of Palo Alto, CA

hereby sell, assign and transfer to

ASSIGNEE: Coherent Navigation, Inc., a Delaware corporation having a place  
of business at 1800 Gateway Dr., Suite 160, San Mateo, CA 94404,

its successors, assigns and legal representatives, my entire right, title and interest throughout  
the world, including all rights to claim priority, in and to the invention(s) disclosed in:

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Patent Application or International Application designating the United States and do hereby  
state that such application is and was made or authorized to be made by me.

## ASSIGNMENT OF INVENTION

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I agree to execute any and all papers useful in connection with any and all U.S. and foreign applications (including international, regional, and foreign national applications), and generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees, at their request and reasonable expense, in obtaining and enforcing patents for said invention(s) in all countries.

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Executed on August 28, 2014 by

  
Thomas Joseph Holmes

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Executed on Aug. 29, 2014 by Mark L. Psiaki  
Mark L. Psiaki

----- Notary Use Below -----

**ACKNOWLEDGMENT**

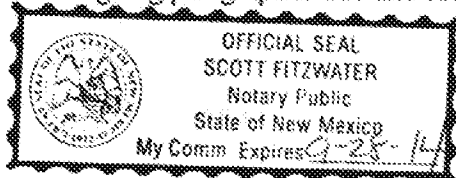
State of New Mexico  
County of Bernalillo

On Aug 29, 2014, before me, Scott Fitzwater  
(Date) (Printed Name of Notary)

personally appeared Mark L. Psiaki  
(Printed Name of Inventor)

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of New Mexico that the foregoing paragraph is true and correct.



WITNESS my hand and official seal.

Scott Fitzwater  
Signature of Notary