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United States Patent and Trademark Office

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PATENTS ONLY

Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Olaf Deppe-Reibold

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) July 20, 2012

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Northrop Grumman LITEF GmbH

Internal Address: _____

Street Address: Loerracher Str. 18

City: D-79115 Freiburg

State: _____

Country: Germany

Zip: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

13/506,468

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Elliott N. Kramsky, Esq.

Internal Address: _____

Street Address: 5850 Canoga Avenue, Suite 400

City: Woodland Hills

State: California

Zip: 91367

Phone Number: (818) 992-5221

Docket Number: L-426

Email Address: mail@lo-enk.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40

- ☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

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9. Signature:

Signature

September 18, 2012

Date

Elliott N. Kramsky

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450PATENT
REEL: 029093 FRAME: 0254

ASSIGNMENT

WHEREAS I, the undersigned Olaf Deppe-Reibold, of Hoelderlinstr. 13, 79312 Emmendingen, Germany, have invented a new and useful SUPPRESSION OF QUANTIZATION NOISE IN A FIBER-OPTIC SAGNAC INTERFEROMETER, an application for United States Letters Patent for which was filed in the United States Patent and Trademark Office under Serial No. 13/506,468 on April 20, 2012;

WHEREAS I verily believe myself to be the original, first and sole inventor of the invention set forth in said application for Letters Patent and represent that I have not conveyed any right or interest therein; and

WHEREAS Northrop Grumman LITEF GmbH, a corporation of the Federal Republic of Germany having a principal place of business at Lorracher Str. 18, D-79115 Freiburg im Breisgau, Federal Republic of Germany (hereinafter referred to as "LITEF") as my employer laid unlimited claim to said invention pursuant to the Law of Inventions of Employees of 1957, transferring by operation of law to LITEF the entire and exclusive right, title and interest in and to said invention, any and all patent applications which may be filed thereon, and any and all Letters Patent which may be granted or issued therefor in the United States, including any and all divisions, continuations, reissues and extensions of any of the foregoing;

NOW, THEREFORE, in consideration of the obligations assumed by me when LITEF laid unlimited claim to said invention, I do hereby assign the entire and exclusive right, title and interest in and to said invention, applications and Letters Patent which may be granted or issued for said invention in the United States, including all divisions, continuations, reissues and extensions thereof, effective as of the date LITEF laid claim to said invention, and I hereby authorize the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent relating to the foregoing assigned rights to LITEF, its successors and assigns.

I agree that I will at all times keep LITEF advised of my whereabouts, and that I will promptly, upon request but at no out-of-pocket cost or expense to myself do all lawful acts, including the execution of all necessary documents and the giving of testimony that, in the opinion of LITEF, its successors and assigns, may be necessary or desirable for obtaining, sustaining, reissuing and renewing United States Letters Patent for said invention, and for perfecting, affirming, recording and maintaining the title to LITEF, its successors and assigns thereto, and that I will generally cooperate with LITEF to the fullest extent in all matters pertaining to said invention and patents, and LITEF's title thereto.

Any terms of this ASSIGNMENT which may be contrary to the terms of the Law of Inventions of Employees of 1957 are deemed to be amended so as to conform to this Law.

IN WITNESS WHEREOF, we have executed this instrument at Freiburg this 20 day of July, 2012.

Olaf Deppe-Reibold
OLAF DEPPE-REIBOLD

Witness:

Günter Spahlinger
Günter Spahlinger