

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4033904

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JANE ELIZABETH NORDHOLT	01/30/2014
RICHARD JOHN HUGHES	01/30/2014
CHARLES GLEN PETERSON	02/03/2014
RAYMOND THORSON NEWELL	01/30/2014
RECEIVING PARTY DATA	
Name:	LOS ALAMOS NATIONAL SECURITY, LLC
Street Address:	P.O. BOX 1663
City:	LOS ALAMOS
State/Country:	NEW MEXICO
Postal Code:	87545
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15026001
CORRESPONDENCE DATA	
Fax Number:	(617)526-5000
<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>	
Phone:	6175266000
Email:	WHIPDocketStaff@wilmerhale.com
Correspondent Name:	WILMERHALE
Address Line 1:	60 STATE STREET
Address Line 4:	BOSTON, MASSACHUSETTS 02109
ATTORNEY DOCKET NUMBER:	2211187.134 US2
NAME OF SUBMITTER:	MICHAEL E. CONNORS
SIGNATURE:	/Michael E. Connors/
DATE SIGNED:	09/01/2016
Total Attachments: 2	
source=134_WO1_Executed_Assignment_from_Priority_Application#page1.tif	
source=134_WO1_Executed_Assignment_from_Priority_Application#page2.tif	

ASSIGNMENT

DOE S-133,099

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Jane E. Nordholt
2. Richard J. Hughes
3. Charles G. Peterson
4. Raymond T. Newell

hereby sells, assigns and transfers to ASSIGNEE, Los Alamos National Security, LLC, a Delaware Limited Liability Company, having its statewide administrative offices located at Los Alamos National Laboratory, LC/IP, Los Alamos, New Mexico 87545, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention titled:

QUANTUM-SECURED COMMUNICATIONS OVERLAY FOR OPTICAL FIBER COMMUNICATIONS NETWORKS

and which is found in

- (a) U.S. patent application executed on _____, entitled as above and listing the above-named person(s) as inventor(s)
- (b) U.S. application Serial No. _____, filed on _____.
- (c) U.S. Patent No. _____, issued _____.
- (d) U.S. provisional application 61/884,874 filed on September 30, 2013, entitled as above and listing the above-named person(s) as inventor(s)

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, Los Alamos National Security, LLC.

executed this

30 day of JANUARY, 2014

30 day of January, 2014

3 day of February, 2014

30th day of January, 2014

Signature of Inventor(s)



Jane E. Nordholt



Richard J. Hughes



Charles G. Peterson



Raymond T. Newell