

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2611305

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JOHNNY M. HARRIS</td> <td>11/11/2013</td> </tr> <tr> <td>OSAMA S. HADDADIN</td> <td>11/11/2013</td> </tr> <tr> <td>ZACHARY C. BAGLEY</td> <td>11/11/2013</td> </tr> <tr> <td>BRANDON G. WALSH</td> <td>11/11/2013</td> </tr> <tr> <td>JONATHAN C. LANDON</td> <td>11/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	JOHNNY M. HARRIS	11/11/2013	OSAMA S. HADDADIN	11/11/2013	ZACHARY C. BAGLEY	11/11/2013	BRANDON G. WALSH	11/11/2013	JONATHAN C. LANDON	11/11/2013
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<table border="1"> <tr> <td>Name:</td> <td>L-3 COMMUNICATIONS CORP.</td> </tr> <tr> <td>Street Address:</td> <td>600 THIRD AVENUE</td> </tr> <tr> <td>City:</td> <td>NEW YORK</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10016</td> </tr> </table>		Name:	L-3 COMMUNICATIONS CORP.	Street Address:	600 THIRD AVENUE	City:	NEW YORK	State/Country:	NEW YORK	Postal Code:	10016		
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CORRESPONDENCE DATA													
Fax Number: Email: kburraston@kmclaw.com <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i> Correspondent Name: N. KENNETH BURRASTON Address Line 1: 60 EAST SOUTH TEMPLE Address Line 2: SUITE 1800 Address Line 4: SALT LAKE CITY, UTAH 84111													
ATTORNEY DOCKET NUMBER:	SL-482												
NAME OF SUBMITTER:	N. KENNETH BURRASTON												

Signature:	/N. Kenneth Burraston/
Date:	11/12/2013
Total Attachments: 2 source=SL_482_Assignment_signed#page1.tif source=SL_482_Assignment_signed#page2.tif	

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to L-3 Communications Corp., having a place of business at 600 Third Avenue, New York, NY 10016 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the application for United States Letters Patent entitled: Antenna For Transmitting Partial Orbital Angular Momentum Beams ("APPLICATION"), which:
☒ is to be filed herewith (attorney docket no. SL-482)
☐ was filed on ____, now bearing U.S. Serial No.: __ and for which a Declaration was executed by INVENTOR on the date(s) below; and
2. The entire worldwide right, title, and interest in and to:
(a) the APPLICATION, including any right of priority; (b) any non-provisional, divisional, continuation, substitute, renewal, reissue, and other related applications which have been or may be filed in the United States or elsewhere in the world; and (c) any patents which may be granted on the applications set forth in (a) and (b) above.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

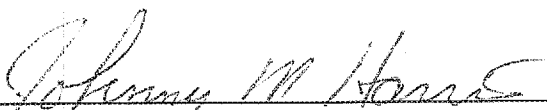
INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the right, title, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

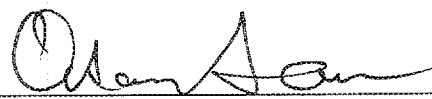
This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name & Signature

Date of Signature


Johnny M. Harris

11/11/2013


Osama S. Haddadin

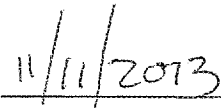
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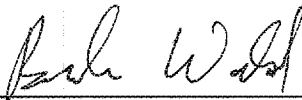
Title of Document: Assignment
Inventor(s): Harris et al.
Title of Application: Antenna For Transmitting Partial Orbital Angular Momentum Beams
Application No.: Not known (attorney docket no. SL-482)

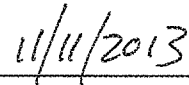
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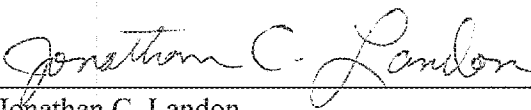
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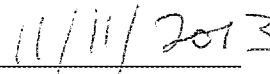

Zachary C. Bagley


11/11/2013


Brandon G. Walsh


11/11/2013


Jonathan C. Landon


11/11/2013