

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4056417

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NATHAN H. STODDART	08/16/2016
ADRIAN MUSTERS	08/16/2016
THOMAS R. GIALLORENZI	08/17/2016
ZACHARY D. JENKINS	08/22/2016
JOSEPH J. BOOKER	08/10/2016
BRADEN J. BARTLETT	08/16/2016
DAVID R. HEATH	08/22/2016
ASHLEY M. HOLT	08/16/2016
MICHAEL D. JACKSON	08/16/2016
JASON C. NEWBOLD	08/16/2016
DALLIN S. PABST	08/16/2016
JONATHAN C. SANDERSON	08/16/2016
BENJAMIN I. SMART	08/16/2016
LILY WANG	08/16/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	L-3 COMMUNICATIONS CORP.
<b>Street Address:</b>	600 THIRD AVENUE
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10016
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15268195
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(801)328-1707
<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>	8015339800
<b>Email:</b>	docketing@wnlaw.com

**Correspondent Name:** WORKMAN NYDEGGER/L3  
**Address Line 1:** 60 EAST SOUTH TEMPLE #1000  
**Address Line 4:** SALT LAKE CITY, UTAH 84111

**ATTORNEY DOCKET NUMBER:** 20125.23

**NAME OF SUBMITTER:** GREGORY R. LUNT

**SIGNATURE:** /GREGORY R. LUNT/

**DATE SIGNED:** 09/16/2016

**Total Attachments: 2**  
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source=Assignment#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: VISUALIZING ELECTROMAGNETIC PARTICLE EMISSIONS IN COMPUTER-GENERATED VIRTUAL ENVIRONMENTS ("APPLICATION"), which:  
 is to be filed herewith (attorney docket no. 20125.23/SL-587)  
 was filed on \_\_\_\_\_, now bearing U.S. Serial No.: \_\_\_\_\_; 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.

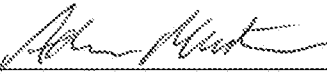
This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name & Signature


Date of Signature

  
.....  
Nathan H. Stoddart

8/16/16  
.....

  
.....  
Adrian Musters

8/16/16  
.....

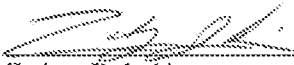
  
.....  
Thomas R. Giallorenzi

8/17/16  
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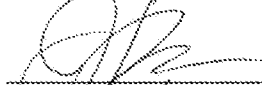
Title of Document: Assignment  
Inventor(s): Nathan H. Stoddart et al.  
Title of Application: RF Signal Representation Using Particle Bursts  
Application No.: Unknown (attorney docket no. 20125.22/SL-595)

Name & Signature

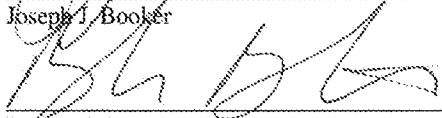
Date of Signature

  
Zachary D. Jenkins

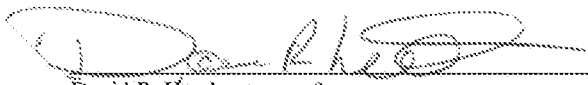
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Joseph J. Booker

8/16/16

  
Braden J. Bartlett

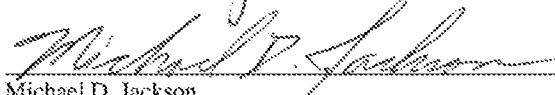
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David R. Heath

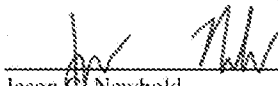
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Ashley M. Holt

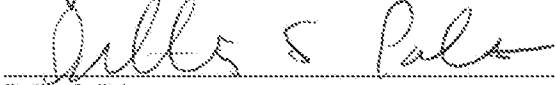
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Michael D. Jackson

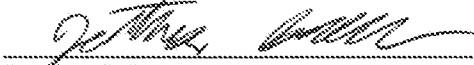
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Jason G. Newbold


8-16-16

  
Dallin S. Pabst

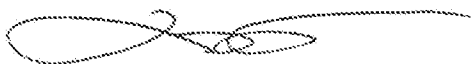
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Jonathan C. Sanderson

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Benjamin I. Smart

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Lily Wang

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