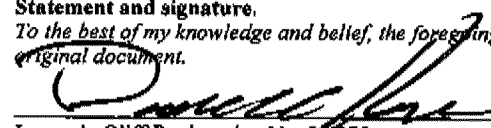


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3. A. Nature of conveyance:  <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other <u>Record to correct Assignee name on an assignment document previously recorded on November 6, 2013, reel 031657/frame 0103.</u>  B. Execution Date: <u>ALL - October 14, 2013</u>					
4. A. Patent Application No. <u>14/004,188</u> B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  C. Title of Application: <u>APPARATUS AND METHODS FOR DYNAMIC SPECTRUM ALLOCATION IN SATELLITE COMMUNICATIONS</u>					
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>James A. Oliff</u>  Address: <b>OLIFF &amp; BERRIDGE, PLC</b> P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787			6. Total number of applications and patents involved: <b>1</b>  7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.  8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.		
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">             James A. Oliff Registration No. 27,075            Davidson G. Lucas Registration No. 68,251         </div> <div style="text-align: right;">           Date: <u>December 6, 2013</u> </div> </div>					

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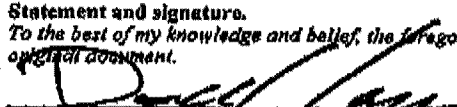
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Total number of pages including cover sheet, attachments, and document: <b>1</b>					
1. A. Name of conveying parties:  <b>Yossef YANAI</b> <b>Ehud LEVY</b>  B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. A. Name and address of receiving party:  <b>ELTA SYSTEMS LTD.</b> <b>ISRAELI COMPANY, OF</b> <b>100 YITZCHAK HANASSI BLVD.</b> <b>P.O.B. 330, ASHDOD 77102</b> <b>ISRAEL</b>  B. Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. A. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  B. Execution Date: <u>ALL - October 14, 2013</u>					
4. A. Patent Application No. <u>14/004,188</u> B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  C. Title of Application: <u>APPARATUS AND METHODS FOR DYNAMIC SPECTRUM ALLOCATION IN SATELLITE COMMUNICATIONS</u>					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>James A. Oliff</u> Address: <b>OLIFF &amp; BERRIDGE, PLC</b> <b>P.O. Box 320850</b> <b>Alexandria, VA 22320-4850</b> <b>Phone Number: 703-836-6400</b> <b>Fax Number: 703-836-2787</b> <b>Email: <u>email@oliff.com</u></b>			6. Total number of applications and patents involved: <b>1</b>  7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of <u>\$40.00</u> .  8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.		
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  James A. Oliff, Registration No. 27,075 Davidson G. Lucas, Registration No. 68,251 Date: <u>November 6, 2013</u>					

PATENT

REEL: 031981 FRAME: 0195

# ASSIGNMENT

Full Name of Inventor: Yossef YANAI  
 Citizenship: Israeli  
 Post Office Address: 10/21 Hamarganit Street,  
 Holon 58459  
 Israel

Full Name of Inventor: Ehud LEVY  
 Citizenship: Israeli  
 Post Office Address: 5 Zohar Street,  
 Rosh-Ha'ayin 48610  
 Israel

For good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the undersigned agree(s) to assign, and hereby do (does) assign, transfer and set over to

*Name of Assignee* Elta Systems Ltd.  
 Israeli Company, of  
*Address of Assignee* 100 Yitzchak Hanassi Blvd.  
 P.O.B. 330  
 Ashdod 77102  
 Israel

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions and elsewhere throughout the world, in the invention, and all applications for patent and any Letters Patent which may be granted therefore, as well as the right to claim priority from the first application filed for the invention known as

*Title* APPARATUS AND METHODS FOR DYNAMIC SPECTRUM ALLOCATION IN SATELLITE COMMUNICATIONS

for which the undersigned has (have) executed an application for patent in the United States of America, the specification of which:

- ☐ is attached hereto.  
☒ was filed on March 6, 2012 as Application Serial No. PCT/IL2012/050074

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient or essential to its full protection and title in and to the invention hereby transferred.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division or re-issue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

4) The undersigned agree(s) to communicate to the Assignee or representatives thereof any facts known to me (us) respecting the invention and improvements thereof, and will, upon request, but without expense to me (us), testify in any legal proceedings regarding the invention.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

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Page 2 of 2 Pages

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6) The undersigned hereby grant(s) the firm of Reinhold Cohn and Partners the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

7) All existing rights and future rights relating to the invention are hereby assigned

8) This Assignment shall be binding upon my (our) heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns of the Assignee.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Full Name of Inventor: Yossef YANAI

Inventor's Signature: YI Date: 14.10.13

Full Name of Inventor: Bhud LEVY

Inventor's Signature: B 106 Date: 14.10.13

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date \_\_\_\_\_ Witness \_\_\_\_\_

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PATENT  
REEL: 031981 FRAME: 0197

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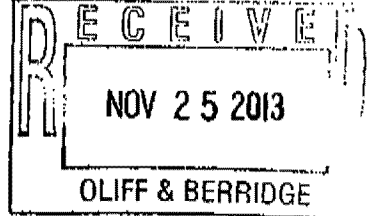
**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

NOVEMBER 25, 2013

PTAS

JAMES A. OLIFF  
OLIFF & BERRIDGE, PLC  
P.O. BOX 320850  
ALEXANDRIA, VA 22320-4850

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NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 158920

ASSIGNOR:  
YANAI, YOSSEF

DOC DATE: 10/14/2013

ASSIGNOR:  
LEVY, EHUD

DOC DATE: 10/14/2013

ASSIGNEE:  
ELTA SYSTEMS LTD.  
~~ISRAELI COMPANY, OF~~ 100 YITZCHAK  
HANASSI BLVD.  
P.O.B. 330  
ASHDOD 77102, ISRAEL

APPLICATION NUMBER: 14004188

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR DYNAMIC SPECTRUM ALLOCATION IN  
SATELLITE COMMUNICATIONS

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