

## PATENT ASSIGNMENT

Electronic Version v1.1

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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>Ali Shayegani</td> <td>12/14/2012</td> </tr> <tr> <td>Will Caven</td> <td>12/17/2012</td> </tr> <tr> <td>Richard Hoffmeister</td> <td>12/14/2012</td> </tr> <tr> <td>Gerald Murdock</td> <td>01/25/2013</td> </tr> </tbody> </table>		Name	Execution Date	Ali Shayegani	12/14/2012	Will Caven	12/17/2012	Richard Hoffmeister	12/14/2012	Gerald Murdock	01/25/2013
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Ali Shayegani	12/14/2012										
Will Caven	12/17/2012										
Richard Hoffmeister	12/14/2012										
Gerald Murdock	01/25/2013										
RECEIVING PARTY DATA											
Name:	Space Systems/Loral, LLC										
Street Address:	3825 Fabian Way										
City:	Palo Alto										
State/Country:	CALIFORNIA										
Postal Code:	94303-4604										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13728745</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13728745						
Property Type	Number										
Application Number:	13728745										
CORRESPONDENCE DATA											
Fax Number:	5106630920										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Address Line 4:	Oakland, CALIFORNIA 94607										
ATTORNEY DOCKET NUMBER:	LORLP224										
NAME OF SUBMITTER:	Michael L. Day										
Total Attachments: 4 source=LORLP224_Signed_Assignments#page1.tif source=LORLP224_Signed_Assignments#page2.tif source=LORLP224_Signed_Assignments#page3.tif source=LORLP224_Signed_Assignments#page4.tif											

CH \$40.00 13728745

## ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned named inventor, possess the right, title and interest for and in the Invention(s) as set forth in the patent application entitled: Waveguide T-Switch (Atty. Docket No. LORLP224), and

(1) for which I have executed a U.S. patent application;

AND/OR

(2) the same having been filed on ( 12-27-2012 ) as Application No. ( 13/728,745 );

OR

(3) which is a U.S. Provisional Patent Application filed on ( \_\_\_\_\_ ) as Application No. ( \_\_\_\_\_ );

in connection with which I hereby authorize and request the assignee's attorneys associated with Customer Number 22434 to insert within the foregoing parentheses the filing date and/or Application No. of said application when known.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned named inventor, hereby:

1) Sell, assign and transfer to **Space Systems/Loral, LLC**, a Delaware limited liability company having a place of business at 3825 Fabian Way, Palo Alto, CA 94303-4604 ("ASSIGNEE"), the entire right, title and interest in the above-referenced application including any and all improvements and inventions disclosed therein, and in applications based upon, and patents (including foreign patents and the right to claim priority) granted upon, the above-referenced application.

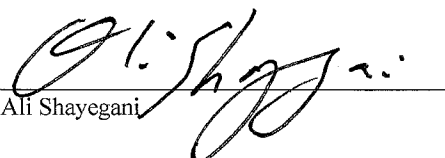
2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.

3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the named inventor, as well as the named inventor's heirs, legal representatives and assigns.

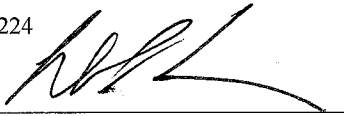
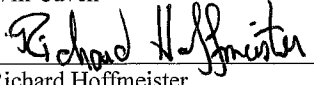
5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date indicated beside my signature.

1) Signature:   
Typed Name: Ali Shayegani

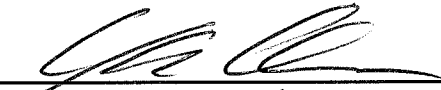
Date: 12/14/2012

Assign US or Foreign Patent Application (No Notary)

- 2) Signature:  Date: 12/17/2012  
Typed Name: Will Caven
- 3) Signature:  Date: 12/14/2012  
Typed Name: Richard Hoffmeister
- 4) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: Gerald Murdock

**RECEIVED AND HEREBY ACCEPTED BY ASSIGNEE:**

Date: 12/20/2012

  
Name: Peter Chu  
Title: IP Manager

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Signed on the date indicated beside my signature.

1) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: Ali Shayegani

Attorney Docket No. LORLP224

- 2) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: Will Caven
- 3) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: Richard Hoffmeister
- 4) Signature: *Gerald Murdock* Date: 1/25/2013  
Typed Name: Gerald Murdock

**RECEIVED AND HEREBY ACCEPTED BY ASSIGNEE:**

Date: *[Signature]*  
3/5/2013

*[Signature]*  
Name: Peter Chu  
Title: IP Manager