

07-27-1998

FORM PTO-1596  
1-31-92



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark

DOCKET NO.: 3351-006A

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PTO  
JCS49  
07/15/98



To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

<p>1. Name of conveying party(ies): Norris Earl Lewis, Anthony Lee Bowman, Robert Thomas Rogers, Sr., Michael P. Duncan</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: <u>Litton Systems, Incorporated</u></p> <p>Internal Address:</p> <p>Street Address: <u>21249 Burbank Boulevard</u></p> <p>City: <u>Woodland Hills</u> State/Country: <u>CA</u> ZIP: <u>91367</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: <u>July 13, 1998</u></p>	
<p>4. Application number(s) or patent number(s): <u>09115946 MCP 7-15-98</u></p> <p>If the document is being filed together with a new application, the execution date of the application is: <u>July 13, 1998</u></p> <p>A. Patent Application No(s). B. Patent No(s).</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Person to whom correspondence concerning document should be mailed: Name: <u>LOWE HAUPTMAN GOPSTEIN GILMAN &amp; BERNER</u> Internal Address: Street Address: <u>2034 Eisenhower Avenue, Suite 200</u> City: <u>Alexandria</u> State: <u>VA</u> ZIP: <u>22314</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41)..... \$40.00 <input checked="" type="checkbox"/> Enclosed is a check for \$830.00 to cover \$790 filing fee for application and \$40.00 for Assignment <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>07-1337</u></p>
<p>DO NOT USE THIS SPACE</p>	
<p>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></p> <p><u>Kenneth M. Berner, 37,093</u> <u>Kenneth M. Berner</u> <u>July 15, 1998</u> Name and Registration No. of Person Signing Signature Date</p> <p>Total number of pages comprising cover sheet: <u>1</u></p>	

07/23/1998  
02 FC:581

CMB No. 0851-0011 (exp. 4/94)

**Docket No.: 3351-006A**

**ASSIGNMENT**

WHEREAS WE, Norris Earl Lewis, Anthony Lee Bowman, Robert Thomas Rogers, Sr., Michael P. Duncan have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled FIBER OPTIC ROTARY JOINT, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;  
OR

for which an application for United States Letters Patent was filed on July 15, 1998, and identified by United States Serial No. \_\_\_\_\_ ;

AND WHEREAS, Litton Systems, Incorporated, a corporation of the State of Delaware and having an address of 21249 Burbank Boulevard, Woodland Hills, California 91367 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Litton Systems, Incorporated, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Litton Systems, Incorporated, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

_____	<i>7/13/98</i>	_____	<i>Norris Earl Lewis</i>
Date		Norris Earl Lewis	
_____	<i>7/13/98</i>	_____	<i>Anthony Lee Bowman</i>
Date		Anthony Lee Bowman	
_____	<i>7/13/98</i>	_____	<i>Robert Thomas Rogers Sr.</i>
Date		Robert Thomas Rogers, Sr.	
_____	<i>7/13/98</i>	_____	<i>Michael P. Duncan</i>
Date		Michael P. Duncan	

STATE OF Virginia )  
COUNTY OF Montgomery ) SS:

On this 13<sup>th</sup> day of July, 1998, before me personally appeared Norris Earl Lewis, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

S E A L

Susan S Cook  
Notary Public

My commission expires Nov. 30, 2001

STATE OF Virginia )  
COUNTY OF Montgomery ) SS:

On this 13<sup>th</sup> day of July, 1998, before me personally appeared Anthony Lee Bowman, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

S E A L

Susan S Cook  
Notary Public

My commission expires Nov. 30, 2001

STATE OF Virginia )  
COUNTY OF Montgomery ) SS:

On this 13<sup>th</sup> day of July, 1998, before me personally appeared Robert Thomas Rogers, Sr., to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

S E A L

Susan S Cook  
Notary Public

My commission expires Nov. 30, 2001

STATE OF Virginia )  
COUNTY OF Montgomery ) SS:

On this 13<sup>th</sup> day of July, 19 98, before me personally appeared Michael P. Duncan, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

S E A L

Susan S Cook

Notary Public

My commission expires Nov. 30, 2001