

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Isabella T. Lewis</td> <td>11/14/2005</td> </tr> <tr> <td>Robert W. Kaliski</td> <td>10/31/2005</td> </tr> </tbody> </table>		Name	Execution Date	Isabella T. Lewis	11/14/2005	Robert W. Kaliski	10/31/2005
Name	Execution Date						
Isabella T. Lewis	11/14/2005						
Robert W. Kaliski	10/31/2005						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	Ball Aerospace & Technologies Corp.						
<b>Street Address:</b>	10 Longs Peak Dr.						
<b>City:</b>	Broomfield						
<b>State/Country:</b>	COLORADO						
<b>Postal Code:</b>	80021-2510						
<b>PROPERTY NUMBERS Total: 1</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11238755</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11238755		
Property Type	Number						
Application Number:	11238755						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(303)863-0223						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	(303) 764-3027						
<b>Email:</b>	caschenbrenner@sheridanross.com						
<b>Correspondent Name:</b>	Sheridan Ross P.C.						
<b>Address Line 1:</b>	1560 Broadway						
<b>Address Line 2:</b>	Suite 1200						
<b>Address Line 4:</b>	Denver, COLORADO 80202						
<b>ATTORNEY DOCKET NUMBER:</b>	1604-488						
<b>NAME OF SUBMITTER:</b>	Bradley M. Knepper						

CH \$40.00 11238755

Total Attachments: 4  
 source=Assign-Lewis Executed#page1.tif  
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source=Assign-Kaliski Executed#page1.tif  
source=Assign-Kaliski Executed#page2.tif

ASSIGNMENT

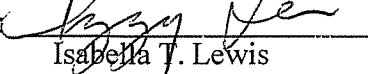
WHEREAS, we, Isabella T. Lewis of 5588 Sweigert Road, San Jose, California 95132, and Robert W. Kaliski of 1469 Johnson Court, Boulder, Colorado 80303, have invented a certain new and useful invention entitled "NUMEROUS USER LASER COMMUNICATIONS OPTICAL SYSTEM USING CHROMATIC WAVEPLATES AND A COMMON TELESCOPE APERTURE", for which an application for Letters Patent of the United States has been prepared and filed on September 28, 2005, receiving Serial No. 11/238,755, and further identified as Attorney File No. 1604-488;

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Ball Aerospace & Technologies Corp., a Delaware corporation having a place of business at 10 Longs Peak Dr., Broomfield, Colorado 80021-2510, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than Ball Aerospace & Technologies Corp. and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Ball Aerospace & Technologies Corp., its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: Nov 14, 2005

By:   
Isabella T. Lewis

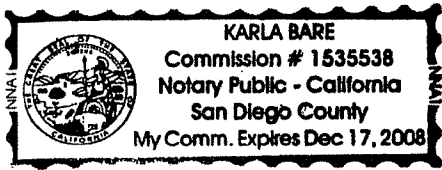
Date: \_\_\_\_\_

By: \_\_\_\_\_  
Robert W. Kaliski

STATE OF *California* )  
COUNTY OF *San Diego* ) ss.

Before me, a Notary Public in and for said County and State, personally appeared Isabella T. Lewis, <sup>Prayer</sup> known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 14<sup>th</sup> day of November, 2005.



Karla Bare  
Notary Public

My Commission Expires: December 17, 2008

STATE OF )  
COUNTY OF ) ss.

Before me, a Notary Public in and for said County and State, personally appeared Robert W. Kaliski, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

ASSIGNMENT

WHEREAS, we, Isabella T. Lewis of 5588 Sweigert Road, San Jose, California 95132, and Robert W. Kaliski of 1469 Johnson Court, Boulder, Colorado 80303, have invented a certain new and useful invention entitled "NUMEROUS USER LASER COMMUNICATIONS OPTICAL SYSTEM USING CHROMATIC WAVEPLATES AND A COMMON TELESCOPE APERTURE", for which an application for Letters Patent of the United States has been prepared and filed on September 28, 2005, receiving Serial No. 11/238,755, and further identified as Attorney File No. 1604-488;

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Ball Aerospace & Technologies Corp., a Delaware corporation having a place of business at 10 Longs Peak Dr., Broomfield, Colorado 80021-2510, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than Ball Aerospace & Technologies Corp. and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Ball Aerospace & Technologies Corp., its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: \_\_\_\_\_ By: \_\_\_\_\_  
Isabella T. Lewis

Date: Oct. 31, 2005 By: Robert W. Kaliski  
Robert W. Kaliski

STATE OF )  
COUNTY OF ) ss.

Before me, a Notary Public in and for said County and State, personally appeared Isabella T. Lewis, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

STATE OF *COLORADO* )  
COUNTY OF *Boulder* ) ss.

Before me, a Notary Public in and for said County and State, personally appeared Robert W. Kaliski, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 31st day of October, 2005.



*Kathleen T. Menin*  
Notary Public

My Commission Expires: *November 28, 2005*