PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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Property Type		Number		
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RECEIVING PARTY D		wing lung]	
Matthew Leftwich			03/13/2009	
Fred J. Orlando			03/13/2009	
Charles H. Chalfant III			03/13/2009	
Jeffrey T. Gregory			03/13/2009	
Name Terry L. Tidwell			Execution Date 03/13/2009	
CONVEYING PARTY I	DATA			
			ASSIGNMENT	
NATURE OF CONVEYANCE:				

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Ser. No.: 12/349,570

Inventor(s): Tidwell et al.

Filed: 01/07/2009

Title: Rapid Acquisition, Pointing and Tracking Optical System for Free Space Optical Communications

ASSIGNMENT

WHEREAS, we, Terry L. Tidwell, of 17013 Primrose Ln., Fayetteville, AR 72704; Jeffrey T. Gregory, of 9350 Windy Hill Drive, Moutainburg, AR 72946; Chuck H. Chalfant III, of 1010 Rockwood Trail, Fayetteville, AR 72701; Fred J. Orlando, of 180 Bry Lynn Dr., West Melbourne, FL 32904-3808; and Matthew Leftwich, of 2480 Riverfront Lane, Fayetteville, AR 72703 ("Assignors"), have invented certain new and useful improvements in an invention entitled " Rapid Acquisition, Pointing and Tracking Optical System for Free Space Optical Communications," which is the subject of a U.S. utility patent application identified by title, filing date, and serial number above, and which claims the benefit of U.S. provisional patent application serial no. 61/010,275, which was filed on January 7, 2008;

WHEREAS, Space Photonics, Inc., a corporation duly established under and pursuant to the laws of the State of Arkansas, and having an office and place of business at 700 Research Blvd., MS-22, Fayetteville, AR 72701 ("Assignee"), is desirous of acquiring the entire right, title and interest in said invention, in said application, any subsequent applications, and in any Letters Patent or Patents, United States or foreign, to be obtained therefrom;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the said Assignors, and by these presents do assign, sell, transfer and set over, unto the said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above mentioned invention, application(s) for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, including all rights to claim priority, and in and to any and all conversions, divisions, continuations, and continuations-in-part of said applications, or reissues or re-examinations of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said Assignee, for its own use and behoof, and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.

And for the same consideration, the said Assignors hereby covenant that no assignment, sale, agreement or encumbrance has been or will be entered into which would conflict with this assignment.

And for the same consideration, the said Assignors hereby covenant and agree to and with the said Assignee, its successors, legal representatives and assigns, that the said Assignors will, whenever counsel of the said Assignee, or the counsel of its

> PATENT REEL: 022509 FRAME: 0780

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successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said applications for Letters Patent or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to the said Assignee, its successors, legal representatives and assigns, but at the cost and expense of the said Assignee, its successors, legal representatives and assigns.

And the said Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to the said Assignee, as the Assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said Assignee, its successors, legal representatives and assigns.

> PATENT REEL: 022509 FRAME: 0781

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SIGNED this day of March_, 2009. Jen L. J.d.

ACKNOWLEDGMENT

STATE OF ARKANSAS))ss COUNTY OF Washington)

On this 13^{th} day of <u>March</u>, in the year 2009, before me, <u>Showna M. Buffer</u>, a Notary Public in and for the State of Arkansas, personally appeared the person personally known to me/or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged that he/she executed the same.

In witness whereof, I have hereunto set my hand and affixed my official seal, the day and year in this certificate first above written.

My commission expires:

Sep. 1, 2014

Notary Public

OFFICIAL SEAL SHONNA M. BUTLER WASHINGTON COUNTY NOTARY PUBLIC - ARKANSAS MY COMMISSION EXPIRES SEP. 1, 2014 SIGNED this <u>13</u>th day of <u>March</u>, 2009.

ACKNOWLEDGMENT

STATE OF ARKANSAS))ss COUNTY OF Washington)

On this <u>13th</u> day of <u>March</u> in the year 2009, before me, <u>Shorwa M. Butter</u>, a Notary Public in and for the State of Arkansas, personally appeared the person personally known to me/or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged that he/she executed the same.

In witness whereof, I have hereunto set my hand and affixed my official seal, the day and year in this certificate first above written.

My commission expires:

Sep.1,2014

Notary Public

OFFICIAL SEAL SHONNA M. BUTLER WASHINGTON COUNTY NOTARY PUBLIC - ARKANSAS MY COMMISSION EXPIRES SEP. 1, 2014

SIGNED this 13 day of March 2009. Chuck H. Chalfant III Chuck H. Chalfant III

ACKNOWLEDGMENT

On this <u>13</u>th day of <u>March</u>, in the year 2009, before me, <u>Shownaw</u>. <u>Buffer</u>, a Notary Public in and for the State of Arkansas, personally appeared the person personally known to me/or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged that he/she executed the same.

In witness whereof, I have hereunto set my hand and affixed my official seal, the day and year in this certificate first above written.

My commission expires:

Dep. 1,2014

Notary Public

OFFICIAL SEAL SHONNA M. BUTLER WASHINGTON COUNTY NOTARY PUBLIC - ARKANSAS MY COMMISSION EXPIRES SEP. 1, 2014

SIGNED this <u>/3</u> day of <u>March</u>, 2009.

ACKNOWLEDGMENT

STATE OF FLORIDA)ss COUNTY OF Washington

On this 13^{H} day of <u>March</u>, in the year 2009, before me, <u>Showna M. Butter</u>, a Notary Public in and for the State of Arkansas, personally appeared the person personally known to me/or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged that he/she executed the same.

In witness whereof, I have hereunto set my hand and affixed my official seal, the day and year in this certificate first above written.

My commission expires:

ep. 1,2014

Notary Public

OFFICIAL SEAL SHONNA M. BUTLER WASHINGTON COUNTY NOTARY PUBLIC - ARKANSAS MY COMMISSION EXPIRES SEP. 1, 2014

SIGNED this <u>13</u> day of <u>MAUCH</u>, 2009. Matthew Leftwich

ACKNOWLEDGMENT

STATE OF ARKANSAS))ss COUNTY OF (Washington)

On this <u>13th</u> day of <u>March</u>, in the year 2009, before me, <u>Showna M. Butler</u>, a Notary Public in and for the State of Arkansas, personally appeared the person personally known to me/or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged that he/she executed the same.

In witness whereof, I have hereunto set my hand and affixed my official seal, the day and year in this certificate first above written.

My commission expires:

Sep. 1,2014

Notary Public

OFFICIAL SEAL SHONNA M. BUTLER WASHINGTON COUNTY NOTARY PUBLIC - ARKANSAS MY COMMISSION EXPIRES SEP. 1, 2014