

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Randy A. Bartels	07/18/2008
Jesse W. Wilson	07/15/2008
Philip Schlup	07/15/2008

RECEIVING PARTY DATA

Name:	Colorado State University Research Foundation
Street Address:	601 S. Howes (410 University Services Center)
City:	Fort Collins
State/Country:	COLORADO
Postal Code:	80521

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12119443

CORRESPONDENCE DATA

Fax Number: (970)492-1101

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 970-492-1100

Email: kelleyk@patentlegal.com

Correspondent Name: Cochran Freund & Young, LLC

Address Line 1: 2026 Caribou Drive, Suite 201

Address Line 4: Fort Collins, COLORADO 80525

ATTORNEY DOCKET NUMBER:

CSUR28US01 (08-072)

NAME OF SUBMITTER:

Kelley Kite

Total Attachments: 3

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PATENT

REEL: 021263 FRAME: 0131

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CH \$40.00 12119443

When recorded please return to:
Cochran Freund & Young LLC
2026 Caribou Drive, Suite 201
Fort Collins, CO 80525

PATENT APPLICATION
DOCKET NO.: CSUR.28US01 (08-072)

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to **Colorado State University Research Foundation** (hereinafter Assignee), for good and valuable consideration, receipt of which is hereby acknowledged, and do hereby sell, assign and transfer to Assignee, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

PHASE AND AMPLITUDE LIGHT PULSE SHAPING USING A ONE-DIMENSIONAL PHASE MASK

Filing date: **May 12, 2008** Application No.: **12/119,443** and the invention(s) and improvement(s) set forth therein, and any and all provisionals, non-provisionals, continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letter Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent.

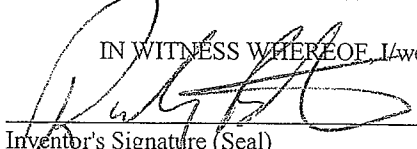
I/We additionally authorize Assignee to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to Assignee, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to Assignee or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Assignee.

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to Assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct Assignee's attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF I/we hereunto set my/our hand(s) and seal(s):


Inventor's Signature (Seal)

Inventor's Typed Name: Randy A. Bartels

Date Assignment Signed: 7-18-08

State of Colorado)

) ss.:

County of Larimer)

Before me this 18 day of July, 2008, personally appeared Randy A. Bartels who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his free act and deed.


Notary Public

My commission expires: July 2, 2009

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Fort Collins, CO 80525

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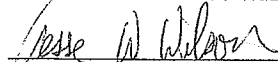
I/We additionally authorize Assignee to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to Assignee, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to Assignee or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Assignee.

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IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):



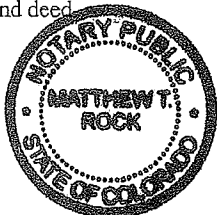
Date Assignment Signed: 7/15/08

Inventor's Signature (Seal)


Inventor's Typed Name: Jesse W. Wilson

State of Colorado)
) ss.:
County of Larimer)

Before me this 15th day of July, 2008, personally appeared Jesse W. Wilson who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his free act and deed.



MY COMMISSION EXPIRES:
October 16, 2010


Notary Public

My commission expires: Oct 16, 2010

PATENT
REEL: 021263 FRAME: 0134

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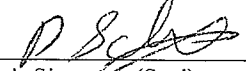
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AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to Assignee, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to Assignee or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Assignee.

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IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):



Inventor's Signature (Seal)
Inventor's Typed Name: Philip Schlup

Date Assignment Signed: 7/15/2008

State of Colorado)
) ss.:
County of Larimer)

Before me this 15 day of July, 2008, personally appeared Philip Schlup who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his free act and deed.



Notary Public

My commission expires: July 2, 2009