

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>Andrew D. Stadler</td> <td>07/28/2009</td> </tr> <tr> <td>David Goldman</td> <td>01/13/2004</td> </tr> <tr> <td>Mark Farley</td> <td>04/04/2005</td> </tr> <tr> <td>Michael M. Mielke</td> <td>02/02/2012</td> </tr> <tr> <td>Kyungbum Kim</td> <td>01/02/2012</td> </tr> <tr> <td>Laurent Vaissie</td> <td>08/03/2009</td> </tr> <tr> <td>Robert G. Waarts</td> <td>07/24/2006</td> </tr> <tr> <td>Michael J. Cumbo</td> <td>02/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Andrew D. Stadler	07/28/2009	David Goldman	01/13/2004	Mark Farley	04/04/2005	Michael M. Mielke	02/02/2012	Kyungbum Kim	01/02/2012	Laurent Vaissie	08/03/2009	Robert G. Waarts	07/24/2006	Michael J. Cumbo	02/02/2012
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RECEIVING PARTY DATA																			
<table border="1"> <tr> <td>Name:</td> <td>Raydiance, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1450 N. McDowell Boulevard</td> </tr> <tr> <td>City:</td> <td>Petaluma</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94954</td> </tr> </table>		Name:	Raydiance, Inc.	Street Address:	1450 N. McDowell Boulevard	City:	Petaluma	State/Country:	CALIFORNIA	Postal Code:	94954								
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PROPERTY NUMBERS Total: 1																			
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Patent Number:	8139910																		
CORRESPONDENCE DATA																			
Fax Number:	6508123444																		
Phone:	650-812-3400																		
Email:	kkline@carrferrell.com, rlopez@carrferrell.com, patdocket@carrferrell.com																		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																			
Correspondent Name:	Keith Kline																		
Address Line 1:	Carr & Ferrell LLP																		
Address Line 2:	120 Constitution Drive																		

CH \$40.00 8139910

Address Line 4: Menlo Park, CALIFORNIA 94025

ATTORNEY DOCKET NUMBER:

4756US

NAME OF SUBMITTER:

Keith Kline

Total Attachments: 12

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, **Andrew D. Stadler, David Goldman, Mark Farley, Michael M. Mielke, Kyungbum Kim, Laurent Vaissie, Robert G. Waarts and Michael J. Cumbo** do hereby sell, assign, and transfer to **Raydiance, Inc.**, a corporation with offices at **1450 N. McDowell Blvd., Petaluma, CA 94954** ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in United States patent application number **12/259,176** filed on **October 27, 2008** and entitled:

"Systems and Methods for Control of Ultra Short Pulse Amplification"

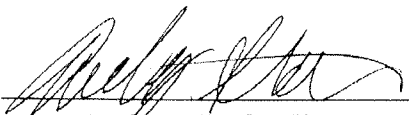
and in and to said application and all utility, divisional, continuing, substitute, renewal, reissue, and all other patent applications which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States patent application; and

Agree that said Assignee may apply for and receive patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and

thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: July 28 2009

Name: 
Andrew D. Stadler

Date: _____

Name: _____
Kyungbum Kim

Date: _____

Name: _____
Laurent Vaissié

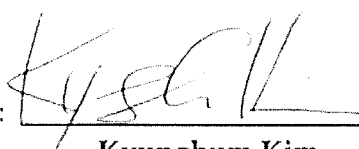
Date: _____

Name: _____
Robert G. Waarts

Date: _____

Name: _____
Michael J. Cumbo

Date: 11/2/2012

Name: 
Kyungbum Kim

Date: _____

Name: _____
Laurent Vaissie

Date: _____

Name: _____
Robert G. Waarts

Date: _____

Name: _____
Michael J. Cumbo

said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: _____

Name: _____

Andrew D. Stadler

Date: _____

Name: _____

David Goldman

Date: _____

Name: _____

Mark FarleyDate: 2/2/12Name: **Michael M. Mielke**

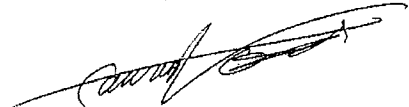
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Date: _____

Name: _____
Andrew D. Stadler

Date: _____

Name: _____
Kyungbum KimDate: 08/03/09Name: 
Laurent Vaissie

Date: _____

Name: _____
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Date: _____

Name: _____

Andrew D. Stadler

Date: _____

Name: _____

Kyungbum Kim

Date: _____

Name: _____

Laurent Vaissie

Date: _____

Name: _____

Robert G. WaartsDate: 8 August 04Name: **Michael J. Cumbo**

CONFIDENTIALITY AND PATENT ASSIGNMENT AGREEMENT

AGREEMENT, effective as of April 4, 2005 (the "Agreement"), between RAYDIANCE, INC., a Delaware corporation, having a principal office at 2602 Challenger Tech Ct., Ste. 240, Orlando, FL, (the "Company"), and Mr. Mark J. Farley, residing at 5147 Wild Horse Valley Road, Napa, CA 94558 (the "Employee").

WITNESSETH:

WHEREAS, the Company desires to employ the Employee for the Company's business of utilizing Ultra Short Pulse Technology and Chirped Pulse Amplification Technology for meeting of commercial needs for products and services utilizing such technology, and meeting the U.S. Government's needs for such technology and products, and the Employee desires to be so employed:

NOW, THEREFORE, in consideration of the covenants and agreements hereinafter set forth, the parties hereto agree as follows:

CONFIDENTIALITY

For a period of four (4) years from receipt of PROPRIETARY information, Employee shall not disclose any information Employee receives from the Company that is marked PROPRIETARY (or comparable legend), or which is disclosed orally and the Company notifies Employee that such information is proprietary or Employee has reason to believe the information is PROPRIETARY, and will not use such information, except for the Company's business described above. This is not a license and no rights are given hereunder for any patents, trade secrets or other intellectual property except for the purpose set forth above.

Information shall not be deemed proprietary and Employee shall have no obligation with respect to any information which:

- (1) is already known to Employee; or
- (2) is or becomes publicly known through no wrongful act of Employee; or
- (3) is rightfully received from a third party without similar restriction and without breach of this Agreement; or
- (4) is independently developed by Employee; or
- (5) is furnished to a third party by the Company without a similar restriction on the third party's rights; or
- (6) is approved for release by written authorization of the Company; or
- (7) is disclosed pursuant to the requirement of a Governmental agency or disclosure is permitted by operation of law.

PATENT ASSIGNMENT


Employee, during the course of employment, shall promptly disclose in writing to the company all inventions, discoveries, improvements, developments and innovations whether patentable or not, conceived in whole or in part by Employee or through assistance of Employee, and whether conceived or developed during working hours or not, which:

- a) Result from any work performed on behalf of Company, or pursuant to a suggested research project by the Company, or
 - b) Relate in any manner to the existing or contemplated business of the Company, or
 - c) Result from the use of the Company's time, material, employees, trade secrets or facilities.
2. Employee hereby assigns to the Company, its successors and assigns, all of the right, title and interest to such inventions.
3. Employee shall, at the Company's request, execute specific assignments to any such invention and execute, acknowledge, and deliver any additional documents required to obtain letters patent in any

jurisdiction and shall, at the Company's request and expense, assist in the defense and prosecution of such letters patent or other registrations as may be required by the Company. This provision shall survive any termination of employment with the Company.

IN WITNESS WHEREOF, the Company has caused this Agreement to be duly executed and the Employee has hereunto set hand.


By: s/ Mark J. Farley
Employee


by: s/ Bruce J. Carreau
CFO

CONFIDENTIALITY AND PATENT ASSIGNMENT AGREEMENT

AGREEMENT, effective as of January 13, 2004 (the "Agreement"), between RAYDIANCE, INC., a Delaware corporation, having a principal office at 2602 Challenger Tech Ct., Ste. 240, Orlando, FL, (the "Company"), and Mr. David Goldman, residing at 435 Even St., Napa, CA 94559 (the "Employee").

WITNESSETH:

WHEREAS, the Company desires to employ the Employee for the Company's business of utilizing Ultra Short Pulse Technology and Chirped Pulse Amplification Technology for meeting of commercial needs for products and services utilizing such technology, and meeting the U.S. Government's needs for such technology and products, and the Employee desires to be so employed:

NOW, THEREFORE, in consideration of the covenants and agreements hereinafter set forth, the parties hereto agree as follows:

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- (4) is independently developed by Employee; or
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letters patent or other registrations as may be required by the Company. This provision shall survive any termination of employment with the Company.

IN WITNESS WHEREOF, the Company has caused this Agreement to be duly executed and the Employee has hereunto set hand.


By: s/ David Goldman
Employee


by: s/ Bruce J. Garreau
CFO

CONFIDENTIALITY AND PATENT ASSIGNMENT AGREEMENT

AGREEMENT, effective as of July 24, 2006 (the "Agreement"), between RAYDIANCE, INC., a Delaware corporation, having a principal office at 2602 Challenger Tech Ct., Ste. 240, Orlando, FL, (the "Company"), and Robert G. Waarts, residing at 951 Carmel Court, Los Altos, CA 94022 (the "Employee").

WITNESSETH:

WHEREAS, the Company desires to employ the Employee for the Company's business of utilizing Ultra Short Pulse Technology and Chirped Pulse Amplification Technology for meeting of commercial needs for products and services utilizing such technology, and meeting the U.S. Government's needs for such technology and products, and the Employee desires to be so employed:

NOW, THEREFORE, in consideration of the covenants and agreements hereinafter set forth, the parties hereto agree as follows:

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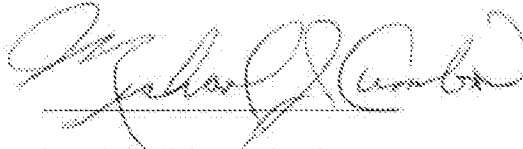
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jurisdiction and shall, at the Company's request and expense, assist in the defense and prosecution of such letters patent or other registrations as may be required by the Company. This provision shall survive any termination of employment with the Company.

IN WITNESS WHEREOF, the Company has caused this Agreement to be duly executed and the Employee has hereunto set hand.

Handwritten signature of Robert G. Waarts in cursive, followed by the date 7/12/06.

By: / s / Robert G. Waarts
Employee

Handwritten signature of Michael J. Cumbo in cursive.

by: / s / Michael J. Cumbo
Chief Operating Officer