

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<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>Jorge Roman</td> <td>01/17/2005</td> </tr> <tr> <td>Robert Fryer</td> <td>01/17/2005</td> </tr> <tr> <td>William Schmidt</td> <td>01/17/2005</td> </tr> <tr> <td>Mary Jean Schmidt</td> <td>01/23/2005</td> </tr> </tbody> </table>		Name	Execution Date	Jorge Roman	01/17/2005	Robert Fryer	01/17/2005	William Schmidt	01/17/2005	Mary Jean Schmidt	01/23/2005
Name	Execution Date										
Jorge Roman	01/17/2005										
Robert Fryer	01/17/2005										
William Schmidt	01/17/2005										
Mary Jean Schmidt	01/23/2005										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	Thermophotonics, Inc.										
<b>Street Address:</b>	2551 State Street, Suite 234										
<b>City:</b>	Carlsbad										
<b>State/Country:</b>	CALIFORNIA										
<b>Postal Code:</b>	92009										
<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><b>Application Number:</b></td> <td>11005671</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	11005671						
Property Type	Number										
<b>Application Number:</b>	11005671										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(858)450-8499										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	(858)450-8400										
<b>Email:</b>	dhall@hewm.com										
<b>Correspondent Name:</b>	David A. Hall										
<b>Address Line 1:</b>	4350 La Jolla Village Drive, 7th Floor										
<b>Address Line 4:</b>	San Diego, CALIFORNIA 92122										
<b>NAME OF SUBMITTER:</b>	David A. Hall										

CH \$40.00 11005671

**Total Attachments: 8**  
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source=Mary Jean Schmidt Assignment#page1.tif  
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**A S S I G N M E N T**

I, **JORGE ROMAN**, a citizen of the United States of America, residing at 2311 Terraza Ribera, Carlsbad, CA 92009, U.S.A., for good and valuable consideration, have assigned and do hereby assign to **THERMOPHOTONICS, INC.**, a corporation organized under the laws of California, having a principal business address of 2551 State Street, Suite 234, Carlsbad, California 92009, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 11/005,671 entitled:

**METHOD AND SYSTEM FOR ENHANCED RADIATION DETECTION**

which was filed on December 6, 2004 and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or

extension of said Letters Patent.

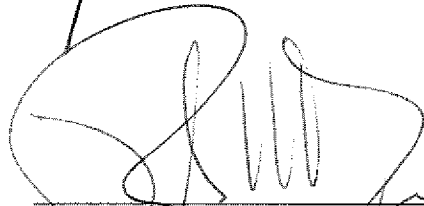
I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: 01/17/05

  
\_\_\_\_\_  
JORGE ROMAN


WITNESSED:

DATE: 1/17/05

  
\_\_\_\_\_  
[SIGNATURE OF WITNESS]  
Robert M. Fryer  
\_\_\_\_\_  
[PRINTED NAME OF WITNESS]

WITNESSED:

DATE: 1-17-05

  
\_\_\_\_\_  
[SIGNATURE OF WITNESS]  
WILLIAM SCHMIDT  
\_\_\_\_\_  
[PRINTED NAME OF WITNESS]

SD 699813 v1  
(41400.0003)

**A S S I G N M E N T**

I, **ROBERT FRYER**, a citizen of the United States of America, residing at 726 Seabright Lane, Solana Beach, CA 92075, U.S.A., for good and valuable consideration, have assigned and do hereby assign to **THERMOPHOTONICS, INC.**, a corporation organized under the laws of California, having a principal business address of 2551 State Street, Suite 234, Carlsbad, California 92009, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 11/005,671 entitled:

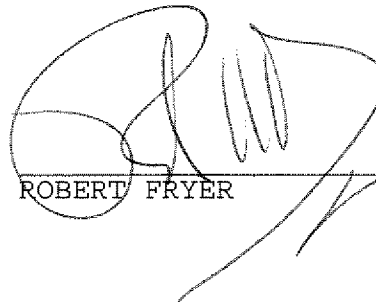
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DATE: 1/17/05

 1/17/05  
\_\_\_\_\_  
ROBERT FRYER

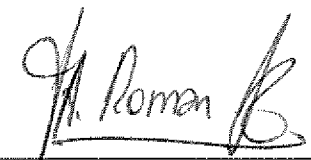
WITNESSED:

DATE: 1-17-05

  
\_\_\_\_\_  
[SIGNATURE OF WITNESS]  
WILLIAM SCHMIDT  
\_\_\_\_\_  
[PRINTED NAME OF WITNESS]

WITNESSED:

DATE: 01/17/05

  
\_\_\_\_\_  
[SIGNATURE OF WITNESS]  
JORGE ROMAN  
\_\_\_\_\_  
[PRINTED NAME OF WITNESS]

SD 699815 v1  
(41400.0003)

**A S S I G N M E N T**

I, **WILLIAM SCHMIDT**, a citizen of the United States of America, residing at 920 Stratford Drive, Encinitas, CA 92024, U.S.A., for good and valuable consideration, have assigned and do hereby assign to **THERMOPHOTONICS, INC.**, a corporation organized under the laws of California, having a principal business address of 2551 State Street, Suite 234, Carlsbad, California 92009, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 11/005,671 entitled:

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extension of said Letters Patent.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: 1-17-05

William Schmidt  
WILLIAM SCHMIDT

WITNESSED:

DATE: 1/17/05

[Signature]  
[SIGNATURE OF WITNESS]

[PRINTED NAME OF WITNESS]

WITNESSED:

DATE: 01/17/05

J.A. Roman  
[SIGNATURE OF WITNESS]

JORGE ROMAN  
[PRINTED NAME OF WITNESS]

SD 699814 v1  
(41400.0003)



A S S I G N M E N T

I, **MARY JEAN SCHMIDT, Executor of the estate of GREGORY W. SCHMIDT**, a citizen of the United States of America, residing at 2724 El Camino del Norte, <sup>Encinitas 92024</sup> Carlsbad, CA ~~92009~~ U.S.A., <sup>mjt 01/23/05</sup> for good and valuable consideration, <sup>mjt 01/23/05</sup> have assigned and do hereby assign to **THERMOPHOTONICS, INC.**, a corporation organized under the laws of California, having a principal business address of 2551 State Street, Suite 234, Carlsbad, California 92009, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 11/005,671 entitled:

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I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: Jan 23, 2005

Mary Jean Schmidt  
MARY JEAN SCHMIDT  
EXECUTOR OF THE ESTATE OF  
GREGORY W. SCHMIDT

WITNESSED:

DATE: 1/23/2005

Heather Schmidt  
[SIGNATURE OF WITNESS]  
Heather Schmidt  
[PRINTED NAME OF WITNESS]

WITNESSED:

DATE: 01/23/2005

J. Roman  
[SIGNATURE OF WITNESS]  
JORGE ROMAN  
[PRINTED NAME OF WITNESS]

SD 691734 v2  
(41400.0002)