

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5171615

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the COVER SHEET previously recorded on Reel 047025 Frame 0937. Assignor(s) hereby confirms the ASSIGNMENT.	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	JOHN B. SIMPSON	06/28/2010
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	AVINGER, INC.	
<b>Street Address:</b>	400 CHESAPEAKE DRIVE	
<b>City:</b>	REDWOOD CITY	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	94063	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	14899893	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(650)212-7562	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	650-212-1700	
<b>Email:</b>	info@shayglenn.com, jennifer@shayglenn.com	
<b>Correspondent Name:</b>	SHAY GLENN LLP	
<b>Address Line 1:</b>	2755 CAMPUS DRIVE, SUITE 210	
<b>Address Line 4:</b>	SAN MATEO, CALIFORNIA 94403	
<b>ATTORNEY DOCKET NUMBER:</b>	11041-726.US0	
<b>NAME OF SUBMITTER:</b>	JENNIFER MARCELINO	
<b>SIGNATURE:</b>	/Kathleen R. Kelleher, Reg. No. 62,230/	
<b>DATE SIGNED:</b>	10/03/2018	
<b>Total Attachments: 32</b>		
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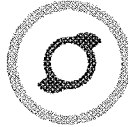
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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5167894

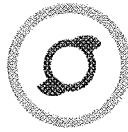
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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	JOHN B. SIMPSON	07/28/2010
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	AVINGER, INC.	
<b>Street Address:</b>	400 CHESAPEAKE DRIVE	
<b>City:</b>	REDWOOD CITY	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	94063	
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<b>Email:</b>	info@shayglenn.com, jennifer@shayglenn.com	
<b>Correspondent Name:</b>	SHAY GLENN LLP	
<b>Address Line 1:</b>	2755 CAMPUS DRIVE, SUITE 210	
<b>Address Line 4:</b>	SAN MATEO, CALIFORNIA 94403	
<b>ATTORNEY DOCKET NUMBER:</b>	11041-726.US0	
<b>NAME OF SUBMITTER:</b>	JENNIFER MARCELINO	
<b>SIGNATURE:</b>	/Kathleen R. Kelleher, Reg. No. 62,230/	
<b>DATE SIGNED:</b>	10/01/2018	
<b>Total Attachments: 15</b>		
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**AVINGER, INC.  
AT-WILL EMPLOYMENT, CONFIDENTIAL INFORMATION,  
INVENTION ASSIGNMENT,  
AND ARBITRATION AGREEMENT**

As a condition of my employment with Avinger, Inc., its subsidiaries, affiliates, successors or assigns (together the "Company"), and in consideration of my employment with the Company and my receipt of the compensation now and hereafter paid to me by Company, I agree to the following provisions of this Avinger, Inc. At-Will Employment, Confidential Information, Invention Assignment, and Arbitration Agreement (this "Agreement"):

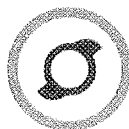
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**REDACTED**

3. *Inventions.*

**REDACTED**

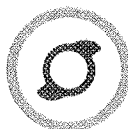


**REDACTED**

B. *Assignment of Inventions.* I agree that I will promptly make full written disclosure to the Company, will hold in trust for the sole right and benefit of the Company, and agree to assign and hereby do irrevocably assign to the Company, or its designee, all my right, title, and interest in and to any and all inventions, original works of authorship, developments, concepts, improvements, designs, discoveries, ideas, trademarks, or trade secrets, whether or not patentable or registrable under patent, copyright, or similar laws, which I may solely or jointly conceive or develop or reduce to practice, or cause to be conceived or developed or reduced to practice, during the period of time I am in the employ of the Company (including during my off-duty hours), or with the use of Company's equipment, supplies, facilities, or Company Confidential Information, except as provided in Section 3.F below (collectively referred to as "**Inventions**"). I further acknowledge that all original works of authorship that are made by me (solely or jointly with others) within the scope of and during the period of my employment with the Company and that are protectable by copyright are "works made for hire," as that term is defined in the United States Copyright Act. I understand and agree that the decision whether or not to commercialize or market any Inventions is within the Company's sole discretion and for the Company's sole benefit, and that no royalty or other consideration will be due to me as a result of the Company's efforts to commercialize or market any such Inventions.

C. *Moral Rights.* Any assignment to the Company of Inventions includes all rights of attribution, paternity, integrity, modification, disclosure and withdrawal, and any other rights throughout the world that may be known as or referred to as "moral rights," "artist's rights," "droit moral," or the like (collectively, "**Moral Rights**"). To the extent that Moral Rights cannot be assigned under applicable law, I hereby waive and agree not to enforce any and all Moral Rights, including, without limitation, any right to identification of authorship or limitation on subsequent modification that I may have in the assigned Inventions.

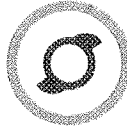
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E. *Further Assurances.* I agree to assist the Company, or its designee, at the Company's expense, in every proper way to secure the Company's rights in the Inventions and any rights relating thereto in any and all countries, including the disclosure to the Company of all pertinent information and data with respect thereto, the execution of all applications, specifications, oaths, assignments, and all other instruments that the Company shall deem proper or necessary in order to apply for, register, obtain, maintain, defend, and enforce such rights, and in order to assign and convey to the Company, its successors, assigns, and nominees the sole and exclusive rights, title, and interest in and to such Inventions and any rights relating thereto, and testifying in a suit or other proceeding relating to such Inventions and any rights relating thereto. I further agree that my obligations under this Section 3E shall continue after the termination of this Agreement. If the Company is unable because of my mental or physical incapacity or for any other reason to secure my signature with respect to any Inventions, including, without limitation, to apply for or to pursue any application for any United States or foreign patents or copyright registrations covering such Inventions, then I hereby irrevocably designate and appoint the Company and its duly authorized officers and agents as my agent and attorney in fact, to act for and in my behalf and stead, to execute and file any papers and oaths, and to do all other lawfully permitted acts with respect to such Inventions with the same legal force and effect as if executed by me.

F. *Exception to Assignments.* I understand that the provisions of this Agreement requiring assignment of Inventions to the Company do not apply to any invention that qualifies fully under the provisions of California Labor Code Section 2870 (attached hereto as Exhibit B). I will advise the Company promptly in writing of any inventions that I believe meet the criteria in California Labor Code Section 2870 and are not otherwise disclosed on Exhibit A.

**REDACTED**

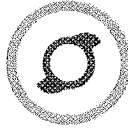


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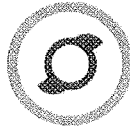




**REDACTED**



**REDACTED**



**REDACTED**

REDACTED

G. *Signatures.* This Agreement may be signed in two counterparts, each of which shall be deemed an original, with the same force and effectiveness as though executed in a single document.

Date: June 28, 2010

[Signature]  
Signature

JOHN B SIMPSON  
Name of Employee (typed or printed)

Witness:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Name (typed or printed)

Exhibit A

**REDACTED**

4396309\_2.DOC

Exhibit B

**CALIFORNIA LABOR CODE SECTION 2870  
INVENTION ON OWN TIME-EXEMPTION FROM AGREEMENT**

(a) Any provision in an employment agreement which provides that an employee shall assign, or offer to assign, any of his or her rights in an invention to his or her employer shall not apply to an invention that the employee developed entirely on his or her own time without using the employer's equipment, supplies, facilities, or trade secret information except for those inventions that either:

(1) Relate at the time of conception or reduction to practice of the invention to the employer's business, or actual or demonstrably anticipated research or development of the employer; or

(2) Result from any work performed by the employee for the employer.

(b) To the extent a provision in an employment agreement purports to require an employee to assign an invention otherwise excluded from being required to be assigned under subdivision (a), the provision is against the public policy of this state and is unenforceable."

Exhibit C  
AVINGER, INC.

**REDACTED**

Exhibit D

AVINGER, INC.

**REDACTED**



**REDACTED**

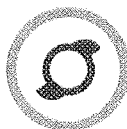
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**AVINGER, INC.  
AT-WILL EMPLOYMENT, CONFIDENTIAL INFORMATION,  
INVENTION ASSIGNMENT,  
AND ARBITRATION AGREEMENT**

As a condition of my employment with Avinger, Inc., its subsidiaries, affiliates, successors or assigns (together the "Company"), and in consideration of my employment with the Company and my receipt of the compensation now and hereafter paid to me by Company, I agree to the following provisions of this Avinger, Inc. At-Will Employment, Confidential Information, Invention Assignment, and Arbitration Agreement (this "Agreement"):

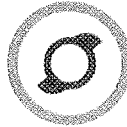
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**REDACTED**

3. *Inventions.*

**REDACTED**

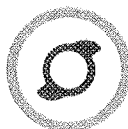


**REDACTED**

B. *Assignment of Inventions.* I agree that I will promptly make full written disclosure to the Company, will hold in trust for the sole right and benefit of the Company, and agree to assign and hereby do irrevocably assign to the Company, or its designee, all my right, title, and interest in and to any and all inventions, original works of authorship, developments, concepts, improvements, designs, discoveries, ideas, trademarks, or trade secrets, whether or not patentable or registrable under patent, copyright, or similar laws, which I may solely or jointly conceive or develop or reduce to practice, or cause to be conceived or developed or reduced to practice, during the period of time I am in the employ of the Company (including during my off-duty hours), or with the use of Company's equipment, supplies, facilities, or Company Confidential Information, except as provided in Section 3.F below (collectively referred to as "**Inventions**"). I further acknowledge that all original works of authorship that are made by me (solely or jointly with others) within the scope of and during the period of my employment with the Company and that are protectable by copyright are "works made for hire," as that term is defined in the United States Copyright Act. I understand and agree that the decision whether or not to commercialize or market any Inventions is within the Company's sole discretion and for the Company's sole benefit, and that no royalty or other consideration will be due to me as a result of the Company's efforts to commercialize or market any such Inventions.

C. *Moral Rights.* Any assignment to the Company of Inventions includes all rights of attribution, paternity, integrity, modification, disclosure and withdrawal, and any other rights throughout the world that may be known as or referred to as "moral rights," "artist's rights," "droit moral," or the like (collectively, "**Moral Rights**"). To the extent that Moral Rights cannot be assigned under applicable law, I hereby waive and agree not to enforce any and all Moral Rights, including, without limitation, any right to identification of authorship or limitation on subsequent modification that I may have in the assigned Inventions.

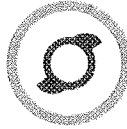
**REDACTED**



E. *Further Assurances.* I agree to assist the Company, or its designee, at the Company's expense, in every proper way to secure the Company's rights in the Inventions and any rights relating thereto in any and all countries, including the disclosure to the Company of all pertinent information and data with respect thereto, the execution of all applications, specifications, oaths, assignments, and all other instruments that the Company shall deem proper or necessary in order to apply for, register, obtain, maintain, defend, and enforce such rights, and in order to assign and convey to the Company, its successors, assigns, and nominees the sole and exclusive rights, title, and interest in and to such Inventions and any rights relating thereto, and testifying in a suit or other proceeding relating to such Inventions and any rights relating thereto. I further agree that my obligations under this Section 3E shall continue after the termination of this Agreement. If the Company is unable because of my mental or physical incapacity or for any other reason to secure my signature with respect to any Inventions, including, without limitation, to apply for or to pursue any application for any United States or foreign patents or copyright registrations covering such Inventions, then I hereby irrevocably designate and appoint the Company and its duly authorized officers and agents as my agent and attorney in fact, to act for and in my behalf and stead, to execute and file any papers and oaths, and to do all other lawfully permitted acts with respect to such Inventions with the same legal force and effect as if executed by me.

F. *Exception to Assignments.* I understand that the provisions of this Agreement requiring assignment of Inventions to the Company do not apply to any invention that qualifies fully under the provisions of California Labor Code Section 2870 (attached hereto as Exhibit B). I will advise the Company promptly in writing of any inventions that I believe meet the criteria in California Labor Code Section 2870 and are not otherwise disclosed on Exhibit A.

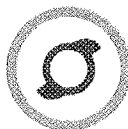
**REDACTED**



**REDACTED**



**REDACTED**



**REDACTED**





**REDACTED**

REDACTED

G. *Signatures.* This Agreement may be signed in two counterparts, each of which shall be deemed an original, with the same force and effectiveness as though executed in a single document.

Date: June 28, 2010

  
Signature

JOHN B SIMPSON  
Name of Employee (typed or printed)

Witness:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Name (typed or printed)

Exhibit A

**REDACTED**

4396309\_2.DOC

Exhibit B

**CALIFORNIA LABOR CODE SECTION 2870  
INVENTION ON OWN TIME-EXEMPTION FROM AGREEMENT**

(a) Any provision in an employment agreement which provides that an employee shall assign, or offer to assign, any of his or her rights in an invention to his or her employer shall not apply to an invention that the employee developed entirely on his or her own time without using the employer's equipment, supplies, facilities, or trade secret information except for those inventions that either:

(1) Relate at the time of conception or reduction to practice of the invention to the employer's business, or actual or demonstrably anticipated research or development of the employer; or

(2) Result from any work performed by the employee for the employer.

(b) To the extent a provision in an employment agreement purports to require an employee to assign an invention otherwise excluded from being required to be assigned under subdivision (a), the provision is against the public policy of this state and is unenforceable."

Exhibit C  
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**REDACTED**

Exhibit D

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