

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7858551

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
THEODORE W. KETAI	06/14/2012
PETER H. SMITH	10/24/2011
RECEIVING PARTY DATA	
Name:	AVINGER, INC.
Street Address:	400 CHESAPEAKE DRIVE
City:	REDWOOD CITY
State/Country:	CALIFORNIA
Postal Code:	94063
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	17209168
Patent Number:	10952763
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	650-212-1700
Email:	info@shayglenn.com, jennifer@shayglenn.com
Correspondent Name:	SHAY GLENN LLP
Address Line 1:	155 BOVET ROAD, SUITE 710
Address Line 4:	SAN MATEO, CALIFORNIA 94402
ATTORNEY DOCKET NUMBER:	11041-721.300/301
NAME OF SUBMITTER:	JENNIFER MARCELINO
SIGNATURE:	/Richard D. Shoop, Reg. No. 45,763/
DATE SIGNED:	03/21/2023
Total Attachments: 21	
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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"):

REDACTED

REDACTED

3. *Inventions.*

A. *Inventions Retained and Licensed.* I have attached hereto as Exhibit A, a list describing all inventions, discoveries, original works of authorship, developments, improvements, and trade secrets that were conceived in whole or in part by me prior to my employment with the Company and to which I have any right, title, or interest, which are subject to California Labor Code Section 2870 (attached hereto as Exhibit B), and which relate to the Company's proposed business, products, or research and development ("**Prior Inventions**"); or, if no such list is attached, I represent and warrant that there are no such Prior Inventions. Furthermore, I represent and warrant that if any Prior Inventions are included on Exhibit A, they will not materially affect my ability to perform all obligations under this Agreement. If, in the course of my employment with the Company, I incorporate into or use in connection with any product, process, service, technology, or



other work by or on behalf of the Company any Prior Invention, I hereby grant to the Company a non-exclusive, royalty-free, fully paid-up, irrevocable, perpetual, transferable, worldwide license, with the right to grant and authorize sublicenses, to make, have made, modify, use, import, offer for sale, sell, reproduce, distribute, modify, adapt, prepare derivative works of, display, perform, and otherwise exploit such Prior Invention without restriction, including, without limitation, as part of or in connection with such product, process, service, technology, or other work, and to practice any method related thereto.

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.

D. *Maintenance of Records.* I agree to keep and maintain adequate, current, accurate, and authentic written records of all Inventions made by me (solely or jointly with others) during the term of my employment with the Company. The records will be in the form of notes, sketches, drawings, electronic files, reports, or any other format that may be specified by the Company. The records are and will be available to and remain the sole property of the Company at all times.



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

13. *General Provisions.*

A. *Governing Law; Consent to Personal Jurisdiction.* This Agreement will be governed by the laws of the State of California without giving effect to any choice-of-law rules or principles that may result in the application of the laws of any jurisdiction other than California. To the extent that any lawsuit is permitted under this Agreement, I hereby expressly consent to the personal and exclusive jurisdiction and venue of the state and federal courts located in California for any lawsuit filed against me by the Company.

B. *Entire Agreement.* This Agreement, together with the Exhibits herein and any executed written offer letter between me and the Company, to the extent such materials are not in conflict with this Agreement, sets forth the entire agreement and understanding between the Company and me relating to the subject matter herein and supersedes all prior discussions or representations between us, including, but not limited to, any representations made during my interview(s) or relocation negotiations, whether written or oral. No modification of or amendment to



this Agreement, nor any waiver of any rights under this Agreement, will be effective unless in writing signed by the President or CEO of the Company and me. Any subsequent change or changes in my duties, salary, or compensation will not affect the validity or scope of this Agreement.

C. *Severability.* If one or more of the provisions in this Agreement are deemed void by law, then the remaining provisions will continue in full force and effect.

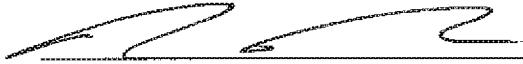
D. *Successors and Assigns.* This Agreement will be binding upon my heirs, executors, assigns, administrators, and other legal representatives, and will be for the benefit of the Company, its successors, and its assigns. There are no intended third-party beneficiaries to this Agreement, except as expressly stated. Notwithstanding anything to the contrary herein, Company may assign this Agreement and its rights and obligations under this Agreement to any successor to all or substantially all of Company's relevant assets, whether by merger, consolidation, sale of assets or stock, or otherwise.

E. *Waiver.* Waiver by the Company of a breach of any provision of this Agreement will not operate as a waiver of any other or subsequent breach.

F. *Survivorship.* The rights and obligations of the parties to this Agreement will survive termination of my employment with the Company.

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: 6/14/12



Signature

Theodore Ketai

Name of Employee (typed or printed)

Witness:

Signature

Name (typed or printed)


Exhibit A

LIST OF PRIOR INVENTIONS
AND ORIGINAL WORKS OF AUTHORSHIP

Title	Date	Identifying Number or Brief Description
Methods, Systems and Devices for Cardiac Valve Repair	3/10/11	20110060407

No inventions or improvements

Additional Sheets Attached

Signature of Employee: 

Print Name of Employee: Theodore Ketai

Date: 6/14/12



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

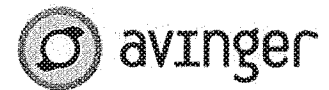
As a condition of my employment with Avinger, Inc., its subsidiaries, affiliates, successors or assigns (together the “Company”), and in consideration of my employment with the Company and my receipt of the compensation now and hereafter paid to me by Company, I agree to the following provisions of this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

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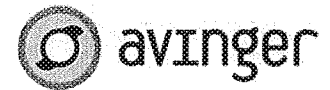


other work by or on behalf of the Company any Prior Invention, I hereby grant to the Company a non-exclusive, royalty-free, fully paid-up, irrevocable, perpetual, transferable, worldwide license, with the right to grant and authorize sublicenses, to make, have made, modify, use, import, offer for sale, sell, reproduce, distribute, modify, adapt, prepare derivative works of, display, perform, and otherwise exploit such Prior Invention without restriction, including, without limitation, as part of or in connection with such product, process, service, technology, or other work, and to practice any method related thereto.

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.

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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

REDACTED

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13. *General Provisions.*

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B. *Entire Agreement.* This Agreement, together with the Exhibits herein and any executed written offer letter between me and the Company, to the extent such materials are not in conflict with this Agreement, sets forth the entire agreement and understanding between the Company and me relating to the subject matter herein and supersedes all prior discussions or representations between us, including, but not limited to, any representations made during my interview(s) or relocation negotiations, whether written or oral. No modification of or amendment to



this Agreement, nor any waiver of any rights under this Agreement, will be effective unless in writing signed by the President or CEO of the Company and me. Any subsequent change or changes in my duties, salary, or compensation will not affect the validity or scope of this Agreement.

C. *Severability.* If one or more of the provisions in this Agreement are deemed void by law, then the remaining provisions will continue in full force and effect.

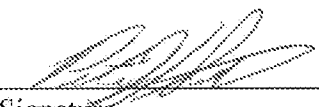
D. *Successors and Assigns.* This Agreement will be binding upon my heirs, executors, assigns, administrators, and other legal representatives, and will be for the benefit of the Company, its successors, and its assigns. There are no intended third-party beneficiaries to this Agreement, except as expressly stated. Notwithstanding anything to the contrary herein, Company may assign this Agreement and its rights and obligations under this Agreement to any successor to all or substantially all of Company's relevant assets, whether by merger, consolidation, sale of assets or stock, or otherwise.

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F. *Survivorship.* The rights and obligations of the parties to this Agreement will survive termination of my employment with the Company.

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: 10/24/2011


Signature

Peter H Smith
Name of Employee (typed or printed)

Witness:

Signature

Name (typed or printed)

Exhibit A

LIST OF PRIOR INVENTIONS
AND ORIGINAL WORKS OF AUTHORSHIP

Title	Date	Identifying Number or Brief Description
-------	------	--

No inventions or improvements

Additional Sheets Attached

Signature of Employee: 

Print Name of Employee: Peter H. Smith

Date: 10/24/2011