505471483 05/10/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIMANSHU N. PATEL	03/31/2010
JOHN B. SIMPSON	03/31/2010

RECEIVING PARTY DATA

Name:	AVINGER, INC.	
Street Address:	400 CHESAPEAKE DRIVE	
City:	REDWOOD CITY	
State/Country:	CALIFORNIA	
Postal Code:	94063	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15480238

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ATTORNEY DOCKET NUMBER: 11041-700.301		
NAME OF SUBMITTER: KATHLEEN R. KELLEHER		
SIGNATURE:	/Kathleen R. Kelleher, Reg. No. 62,230/	
DATE SIGNED:	05/10/2019	

Total Attachments: 3

source=11041-700.301 Assignment#page1.tif source=11041-700.301 Assignment#page2.tif source=11041-700.301 Assignment#page3.tif

PATENT 505471483 REEL: 049146 FRAME: 0023

ATTORNEY DOCKET NO. 11041-700.301

RECORDATION FORM COVER SHEET

PATENT AND TRADEMARK OFFICE

U.S. DEPARTMENT OF COMMERCE

PATENTS ONLY				
TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.				
Name of conveying party(ies):	Name and address of receiving party(ies):			
(1) Himanshu N. PATEL (2) John B. SIMPSON Additional name(s) of conveying party(ies) attached? Yes No	Name: AVINGER, INC. 400 Chesapeake Drive Redwood City, CA 94063			
Nature of Conveyance:	Name and address of receiving party(ies):			
Assignment Merger	Name:			
Security Agreement Change of Name	Street Address:			
Other	City: State: Zip:			
EXECUTION DATE(S): (1)-(2) 03/31/2010	Country: Additional name(s) & address(es) attached? Yes No			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application, the	ne execution date of the application is:			
A. Patent Application No.(s) – 15/480,238 Title: GUIDEWIRE POSITIONING CATHETER	B. Patent No.(s)			
Additional num	bers attached? Yes No			
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:			
Kathleen R. Kelleher Shay Glenn LLP 2755 Campus Drive, Suite 210				
San Mateo, CA 94403	7. Total fee (37 CFR 1.21(h)(1)): \$0.00			
	None required. Please charge fees to Deposit Account No. 50-4050.			
DO NOT USE THIS SPACE				
8. Statement and signature.				
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.				
Kathleen R. Kelleher, Reg. No. 62,230 Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 3 Kathleen R. Kelleher/ May 10, 2019 Date				

PATENT REEL: 049146 FRAME: 0024

ASSIGNMENT OF PATENT APPLICATION

Docket Number:

11041-700.200

This Assignment of Patent Application is between: **Himanshu N. Patel** of San Jose, CA and **John B. Simpson** of Woodside, CA, (hereinafter referred to as "Inventor") and **Avinger, Inc.** a corporation of the State of Delaware, having a place of business at 400 Chesapeake Drive, Redwood City, CA, 94063, (hereinafter termed "Assignee").

WHEREAS Inventor has invented certain new and useful improvements in:

"GUIDEWIRE SUPPORT CATHETER"

for which an application for the United States Patent was filed on January 19, 2010, Application No. 12/689,748.

WHEREAS, Assignee is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

- 1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention: (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his heirs, legal representatives and assigns.
- 4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

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ACCICNIMENT	OF DATENT	APPLICATION
ASSIGNIVIENT	OF PAIRNE.	APPLICATION

Docket Number:

11041-700.200

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

3/31/10 Date

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RECORDED: 05/10/2019