506770841 07/16/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6817658

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PULSE INNOVATION LLC	01/17/2008

RECEIVING PARTY DATA

Name:	ACORN CARDIOVASCULAR, INC.		
Street Address:	601 CAMPUS DRIVE		
City:	ST. PAUL		
State/Country:	MINNESOTA		
Postal Code:	55112		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13524093	

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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.

Phone: (612) 337-2567 Email: apsi@fr.com **Correspondent Name:** PAUL WESTERN

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	51888-0034003
NAME OF SUBMITTER:	LYNDZIE HAMM
SIGNATURE:	/Lyndzie Hamm/
DATE SIGNED:	07/16/2021

Total Attachments: 2

source=Assignment_4_Pulse_to_Acorn#page1.tif source=Assignment 4 Pulse to Acorn#page2.tif

> **PATENT** REEL: 056882 FRAME: 0513 506770841

ASSIGNMENT

This Assignment is granted by Pulse Innovation LLC, a Minnesota corporation having an address at 33 5th Avenue NW, Suite 800, New Brighton, MN 55112 (hereinafter "Pulse") to Acorn Cardiovascular, Inc., a Minnesota corporation having an address at 601 Campus Drive, St. Paul, MN 55112 (hereinafter "Acorn").

WHEREAS, Pulse was engaged and paid by Acorn to assist Acorn in the development of certain technology relating to cardiac support devices and associated delivery tools;

WHEREAS, the product development activity resulted in inventions that are the subject of United States Patent Application Serial No. 11/487,953, filed July 17, 2006, entitled Cardiac Support Device Delivery Tool With Release Mechanism (hereinafter the "Patent Application");

WHEREAS, employees of Pulse that participated in the product development activity are identified as inventors on the Patent Application, and Pulse may have certain rights to the Patent Application though its employment of the inventors; and

WHEREAS, Acorn desires to acquire, and Pulse desires to assign, any and all rights that Pulse may have to the Patent Application and related invention.

NOW, THEREFORE, in consideration of the foregoing recitals and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Pulse agrees as follows:

- 1. <u>Assignment</u>. Pulse hereby assigns, transfers and conveys to Acorn any and all of Pulse's right, title and interest throughout the world in and to said Patent Application, the underlying inventions described therein, and any and all Letters Patent whether U.S. or foreign that are or may be granted therefrom including without limitation any extensions, continuations, continuations-in-part, divisions, reissues and renewals thereof, or other equivalents thereof (collectively, the "Assigned Invention and Patent Rights"), and further, all rights and privileges pertaining to the Assigned Invention and Patent Rights, including without limitation, the right, if any, to sue or bring other actions for past, present and future infringement thereof.
- 2. <u>Further Assignment</u>. Pulse further assigns to and empowers Acorn, its successors, assigns or nominees, all rights to make applications for patents or other forms of protection for said inventions and to prosecute such applications and said Patent Application, as well as to claim and receive the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and the right to invoke and claim such right of priority without further written or oral authorization.

PATENT REEL: 0**206**82 FRANGE: 05479

- 3. <u>Authorization of Patent and Trademark Office to Record</u>. Pulse further agrees that this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose regarding the subject matter hereof, as well as constituting proof of the right of Acorn or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substitute for it.
- 4. <u>Further Assurances</u>. Pulse agrees to take such further action and to execute such documents as Acorn may reasonably request (at Acorn's cost) to effect or confirm the conveyance to Acorn of the Assigned Invention and Patent Rights and any improvements thereunder.

IN WITNESS WHEREOF, Pulse has executed this Assignment on the date set forth below.

		PULSE INNOVALION	1 LLC
	By:	achiel Out	u-
	Printed Name:	Michael Andrein	ni
	Title:	Principal	
	Date:	1-17-08	
STATE OF MV) ss. COUNTY OF KAMSEY)			
COUNTY OF <u>RAMSEY</u>) ss.			
On this <u>/7th</u> day	of Janua	ry , 200 % , be	fore me personally
appeared Michael Andreini, known	to me to be the	e person described in an	d who executed the
foregoing instrument as Principal of	Pulse Innovation	on LLC, and acknowledg	ged that he executed
the same as a free act and deed.		4	1
		Handell	9/2
RANDALL D J NOTARY PUBLIC - N		Notary Public	- AT
A BEST	(1) 41 Fade at. d	1 TOTAL Y L HOLLO	/

My Commission Expires Jan. 31, 2012

fb.us.2426379.01

RECORDED: 03/04/20208