

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CURTIS DALE GUYER	02/14/2017
RICHARD E. REPP	02/14/2017
MARK ROBERT SPONSEL	02/14/2017

RECEIVING PARTY DATA

Name:	ACCESS CLOSURE, INC.
Street Address:	5452 BETSY ROSS DRIVE
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15662506

CORRESPONDENCE DATA**Fax Number:**

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.

Email: patent@cardinalhealth.com

Correspondent Name: CARDINAL HEALTH, INC.

Address Line 1: 300 SOUTH RIVERSIDE PLAZA, SUITE 2010

Address Line 2: ATTN: KIM LUNA

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	GYR-RPP-SPNSL-140060CON2
NAME OF SUBMITTER:	AMANDA F. MAHARAJ
SIGNATURE:	/AMANDA F. MAHARAJ/
DATE SIGNED:	09/20/2017

Total Attachments: 8

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ASSIGNMENT OF INVENTION AND OF LETTERS PATENT

WHEREAS, I/We, Curtis Dale Guyer, Richard E. Repp, and Mark Robert Sponsel have invented certain new and useful inventions or improvements relating to apparatus and methods for sealing a vascular puncture ("Invention") which are described in a patent application entitled "APPARATUS AND METHODS FOR SEALING A VASCULAR PUNCTURE" filed on September 25, 2013 which such application has been afforded serial no. 14/036808 by the United States Patent and Trademark Office ("Application"); and

WHEREAS, Access Closure, Inc. a corporation organized under the laws of the State of Delaware having a place of business at 5452 Betsy Ross Drive, Santa Clara, California 95054 ("Assignee"), is desirous of obtaining the entire right, title and interest in the Invention, in the Application, in any US patent granted therefrom, and in any applications for patent (and in the respective patents granted therefrom) in any country of the world claiming priority to the Application.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign, transfer and set over unto Assignee, its successors and assigns, my entire right, title and interest in the Invention, in the Application and in any letters patent which may be granted from the Application, as well as in any patent application, now or hereafter filed in any country of the world, claiming priority to the Application and in any letters patent which may be granted respectively therefrom. I furthermore hereby sell, assign, transfer and set over unto Assignee, its successors and assigns, my entire right, title and interest in all provisional and non-provisional applications relating thereto, and in any divisions, continuations, continuations-in-part, extensions, renewals or reissues of the Application, of any patent application, now or hereafter filed in any country of the world, claiming priority thereto or having the same worldwide priority date thereof, and of any letters patent granted respectively therefrom;

AND, I HEREBY sell, assign, transfer and set over unto Assignee, its successors and assigns, my entire right, title and interest in any improvement to the Invention made by me, whether made solely or jointly with one or more other parties, as well as in any patent application filed on said improvement, now or hereafter filed in any country of the world, claiming priority to the Application, whether or not said improvement is described expressly in the Application;

AND, I HEREBY authorize Assignee to claim priority to the Application in any country of the world for any purpose whatsoever, including without limitation, Assignee's efforts to seek patent protection in its own name, for its own benefit and/or on its own behalf in any country of the world;

AND, I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country of countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all letters patent for said inventions

or improvements to the said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND, I HEREBY covenant that I have full right to convey the entire right, title and interest herein assigned, and that I have not executed and will not execute, any agreement in conflict herewith;

AND, I HEREBY authorize and request the attorney of record in the said application for letters patent to insert in the above right hand corner of this Assignment the serial number and filing date of the said application when officially known, if such information has not been provided at the time of my execution hereof;

AND, I HEREBY further covenant and agree that I will communicate to the said Assignee, its successors, legal representatives and assigns, any and all facts known to me respecting said inventions or improvements, and testify in any legal proceeding, sign all lawful papers, execute all non-provisional, divisional, reissue, continuation, and continuation-in-part applications, make all rightful oaths and generally do everything possible to aid the said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said inventions or improvements in all countries.

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Santa Clara

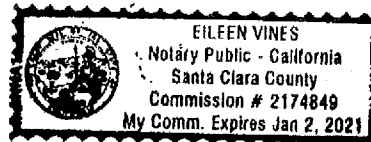
On 2/14/17 before me, Eileen Vines, Notary Public
(insert name and title of the officer)

personally appeared Curtis Dale Guyer
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Eileen Vines (Seal)



ACKNOWLEDGMENT

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State of California
County of Santa Clara)

On 2/14/17 before me, Eileen Vines, Notary Public
(insert name and title of the officer)

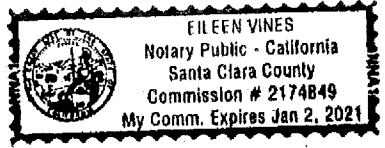
personally appeared Richard Earl Repp
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature *Eileen Vines*

(Seal)



ACKNOWLEDGMENT

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State of California
County of Santa Clara)

On 2/14/17 before me, Eileen Vines, Notary Public
(insert name and title of the officer)

personally appeared Mark Robert Sponsel
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature *E. Vines* (Seal)

