PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KARL GARSHA	05/12/2021
DUSTIN HARSHMAN	05/14/2021

RECEIVING PARTY DATA

Name:	VENTANA MEDICAL SYSTEMS, INC.	
Street Address:	1910 E. INNOVATION PARK DRIVE	
City:	TUCSON	
State/Country:	ARIZONA	
Postal Code:	85755	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16680319

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ATTORNEY DOCKET NUMBER:	33994-US1
NAME OF SUBMITTER:	DAVID M. ZAMORA
SIGNATURE:	/David M Zamora/
DATE SIGNED:	05/28/2021

Total Attachments: 4

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PATENT REEL: 056388 FRAME: 0923

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ASSIGNMENT

We,

Karl Garsha of Sahuarita, Arizona, U.S.A., and Dustin Harshman of Tucson, Arizona, U.S.A.,

(hereinafter "Assignors"), while employed by Ventana Medical Systems, Inc., having a place of business at 1910 E. Innovation Park Drive, Tucson, Arizona, U.S.A.,

have invented one or more inventions (collectively, the "Invention") as described in U.S. Patent Application No. <u>16/680,319</u>, entitled <u>SYSTEM LEVEL CALIBRATION</u>, filed on <u>November 11, 2019</u>, which application is referred to herein as the "Patent Application," which is a continuation of International Application <u>PCT/EP2018/067095</u> filed on <u>June 26, 2018</u>, which claims priority to Provisional Patent Application No. <u>62/525,818</u>, filed on <u>June 28, 2017</u>, referred to herein as the "Provisional Application."

The Invention was made as a result of our activities at or on behalf of Ventana Medical Systems, Inc. or as a result of our utilization of information, facilities or other resources of Ventana Medical Systems, Inc. The conditions under which the Invention was made are such as to entitle Ventana Medical Systems, Inc. to each of our entire respective right, title, and interest in the Invention and any corresponding patent applications and/or patents in the United States and its territories and dependencies, and all other countries and jurisdictions of the world.

In consideration of our obligations and other valuable consideration, we each have sold, assigned and transferred or hereby sell, assign, and transfer to Ventana Medical Systems, Inc., its successors and assigns (collectively, "Assignee"), each of our respective full and exclusive right, title, and interest in the Invention, the Patent application, and any corresponding patent rights throughout the United States and its territories and dependencies, and all other countries and jurisdictions of the world. The conveyance of patent rights includes, without limitation, full and exclusive right, title, and interest in all non-provisional patent applications claiming all or part of the Invention and/or claiming the benefit of a filing date of the Provisional Application, and any patents that may issue from such non-provisional patent applications in the United States and/or all other countries and jurisdictions throughout the world, and any divisional, continuation, continuation-in-part, substitution, conversion, re-examination, reissue, renewal, prolongation or extension thereof; and the right to claim priority from the Provisional Application as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law, including but not limited to the Patent Application.

We each authorize and request the issuance of any patents arising from the Patent Application or any non-provisional patent applications claiming all or part of the Invention and/or claiming the benefit of a filing date of the Provisional Application to the Assignee to be held as fully and entirely as the same would have been held by us had this assignment not been made.

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We each warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest herein conveyed.

We each also agree upon reasonable request to communicate with the Assignee, its representatives or agents, any facts known to us respecting all or part of the Invention, and testify in any legal proceedings, sign all lawful papers, execute all non-provisional, divisional, continuation, continuation-in-part, re-examination, and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid the Assignee, its representatives or agents, to obtain and enforce proper patent protection for all or part of the Invention in the United States or any other country of the world. These provisions are binding upon each of our heirs, legal representatives, administrators and assigns.

This Assignment may be executed in one or more counterparts, each of which when executed and delivered, by facsimile or other electronic transmission, by mail delivery, or by other form of delivery, will be an original and all of which will constitute but one and the same Assignment.

IN WITNESS WHEREOF, this Assignment is executed as of the date(s) indicated on the following counterpart signature page(s).

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ASSIGNMENT COUNTERPART SIGNATURE PAGE

Case No. P33994-US1 Country

United States

Filing Date

11 Nov 2019

Serial No. 16,680,319

ASSIGNOR:

Place: RESCW, 12

Dated: 12 144 2021

Karl Garsha

Place: Pleasanton, CA, USA

Dated: May212021

ASSIGNEE: Ventana Medical Systems, Inc.

Suja Subramaniam

Vice President, Intellectual Property

ASSIGNMENT COUNTERPART SIGNATURE PAGE

Case No. P33994-US1

Country United States Filing Date 11 Nov 2019 Serial No. 16,680,319

ASSIGNOR:

Place: San Diego, CA

1 Dustin Harshman

1

Dated: 14 May 2021

Dustin Harshman

ASSIGNEE: Ventana Medical Systems, Inc.

Place: Pleasanton, CA, USA

Dated: May21, 2021

Suja Subramaniain

Vice President, Intellectual Property

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