

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOERG BREDNO	01/10/2020
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<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16746101
<b>Application Number:</b>	17718747
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<b>ATTORNEY DOCKET NUMBER:</b>	32485-US2 / 32485-US3
<b>NAME OF SUBMITTER:</b>	DAVID M. ZAMORA
<b>SIGNATURE:</b>	/David M. Zamora/
<b>DATE SIGNED:</b>	01/05/2023
<b>Total Attachments: 2</b>	
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## ASSIGNMENT

I,  
**Joerg Bredno**, of San Francisco, California, U.S.A.,  
while employed by Ventana Medical Systems, Inc. ("Assignors"), together with  
  
Astrid Heller, of Penzberg, Germany; and  
Gabriele Hoelzlwimmer, of Penzberg, Germany]  
while employed by Roche Diagnostics, GmbH, (hereinafter, "Co-Inventors")

have invented one or more inventions (collectively, the "Invention") as described in U.S. Patent Application No. 15/659,654, entitled Quality Control of Automated Whole-slide Analyses, filed on July 26, 2017, which application is referred to herein as the "Patent Application," which is a continuation of International Application PCT/EP2016/051865 filed on January 29, 2016, which claims priority to Provisional Patent Application No. 62/110,472, filed on January 31, 2015, referred to herein as the "Provisional Application."

The Invention was made as a result of my activities at or on behalf of Ventana Medical Systems, Inc. or as a result of my 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 my 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 my obligations and other valuable consideration, I have sold, assigned and transferred or hereby sell, assign, and transfer to Ventana Medical Systems, Inc., its successors and assigns (collectively, "Assignee"), my 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.

I 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.

I 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.

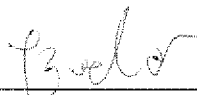
I also agree upon reasonable request to communicate with the Assignee, its representatives or agents, any facts known to me respecting all or part of the Invention, and testify in any legal proceedings, sign all lawful papers, execute all non-provisional, divisional, continuation, continuation-in-part, 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 below:

ASSIGNOR:

Dated: 2020-01-10

  
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**Joerg Bredno**