

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4992231

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROCHE MTM LABORATORIES AG	04/07/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VENTANA MEDICAL SYSTEMS, INC.
<b>Street Address:</b>	1910 E. INNOVATION PARK DRIVE
<b>City:</b>	TUCSON
<b>State/Country:</b>	ARIZONA
<b>Postal Code:</b>	85755
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15479961
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(925)225-1128
<i>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.</i>	
<b>Phone:</b>	925-251-6812
<b>Email:</b>	erica.layman@roche.com
<b>Correspondent Name:</b>	ERICA LAYMAN
<b>Address Line 1:</b>	4300 HACIENDA DRIVE
<b>Address Line 2:</b>	PATENTS
<b>Address Line 4:</b>	PLEASANTON, CALIFORNIA 94588
<b>ATTORNEY DOCKET NUMBER:</b>	31037-US4
<b>NAME OF SUBMITTER:</b>	OLGA KAY
<b>SIGNATURE:</b>	/Olga Kay/
<b>DATE SIGNED:</b>	06/05/2018
<b>Total Attachments: 2</b>	
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source=Assignment_Roche_MTM_to_Ventana#page2.tif	

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration, receipt of which is hereby acknowledged, ROCHE MTM LABORATORIES AG, a corporation having an address at SANDHOFER STRASSE 116, MANNHEIM, GERMANY 68305 (the "Assignor"), hereby sells and assigns to VENTANA MEDICAL SYSTEMS, INC., a corporation having an address at 1910 INNOVATION PARK DR., TUCSON, AZ 85755 (the "Assignee"), its entire right, title and interest for the United States of America (as defined in 35 U.S.C. §100), and throughout the world, in and to the applications as shown in Exhibit A, and in and to any and all applications thereon, United States and foreign, and in and to any and all Letters Patent(s) therefore in the United States of America and all foreign countries which may be granted therefore and thereon, and in and to any and all continuing applications (continuations, divisionals, and continuations-in-part), reissues, extensions, renewals and reexaminations of such applications or Letters Patent(s) to the full end of the term or terms for which such Letters Patent(s) issue, including all claims, if any, that may have arisen for infringement prior to the date of this assignment, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as would have been held and enjoyed by the Assignor had this assignment and sale not been made, and Assignee accepts the transfer.

The Assignor agrees to execute all papers necessary in connection with the application(s) set forth above and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof that is lawful and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The Assignor agrees to execute all papers necessary in connection with any lawful interference that may be declared concerning the application(s) set forth above or any continuing (continuation, divisional, or continuation-in-part), reissue, or reexamination application thereof, and to cooperate with the Assignee in such interference.

The Assignor hereby represents that Assignor has full right and authority to convey the entire interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict therewith.

IN WITNESS WHEREOF, executed by the Assignor on the date set forth below.

ROCHE MTM LABORATORIES AG (Assignor)

Signature: [Signature]  
Name: Ruediger Rüdiger  
Title: Chairman of the Management Board  
Date: 04-APR-2014

Signature: [Signature]  
Name: Guenther Selting  
Title: Member, Management Board  
Date: 07 APR 2014

76644-8000/LEGAL29679358.1

**EXHIBIT A**

DOCKET NO.	U.S. APP. NO.	APP. FILING DATE	PATENT NO.
076644-8002.US02	10/650,057	08-26-2003	7,306,926
076644-8003.US00	10/633,484	07-31-2003	7,517,662
076644-8003.US01	12/400,629	03-09-2009	
076644-8005.US00	10/515,477	11-19-2004	7,355,025
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076644-8006.US00	10/511,108	10-08-2004	7,422,859
076644-8006.US01	12/164,934	06-30-2008	8,043,819
076644-8006.US02	13/137,547	08-25-2011	
076644-8010.US01	12/381,098	03-06-2009	8,367,353
076644-8010.US02	12/289,487	10-29-2008	
076644-8010.US03	13/798,998	03-13-2013	
076644-8010.US04	13/799,093	03-13-2013	
076644-8013.US00	10/569,758	08-01-2006	7,932,047
076644-8017.US00	11/701,522	01-31-2007	7,745,145
076644-8017.US01	12/710,997	02-23-2010	7,927,819
076644-8024.US01	13/062,185	03-18-2011	

76644-8000/LEGAL29679453.1

RECORDED: 04/08/2014  
RECORDED: 06/05/2018

PATENT  
REEL: 032630 FRAME: 0221  
PATENT  
REEL: 045992 FRAME: 0619