PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3134993

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRIAN H. KRAM	10/03/2012
KEVIN D. MARSHALL	10/03/2012
CHRISTINE TSE	10/04/2012
TIMOTHY J. KELLER	10/03/2012
AUSTIN M. ASHBY	10/03/2012

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:	14542518

CORRESPONDENCE DATA

Fax Number: (206)359-9398

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: 206-359-8000

Email: aperez@perkinscoie.com **Correspondent Name:** PERKINS COIE LLP Address Line 1: P.O. BOX 1247

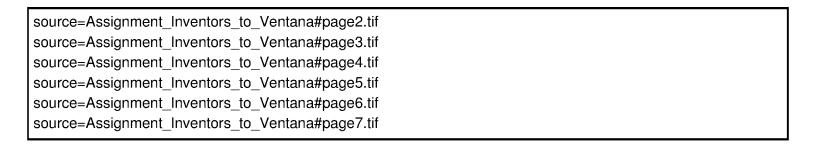
Address Line 2: PATENT SEA

Address Line 4: SEATTLE, WASHINGTON 98111

ATTORNEY DOCKET NUMBER:	079687-8011.US04
NAME OF SUBMITTER:	ANNDREYA PEREZ
SIGNATURE:	/Anndreya Perez/
DATE SIGNED:	12/05/2014

Total Attachments: 7

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ASSIGNMENT BY INVENTORS

This Assignment is by the following individuals (the "Assignors"):

- Brian H. Kram having a mailing address of 38255 South Loma Serena Drive,
- Kevin D. Marshall having a mailing address of 3150 East Bermuda Street, Tucson, Arizona 85716: 7226 E. Sabino Vista Dr., Tucson, AZ 85750
- Christine Tse having a mailing address of 1777 W. Orange Grove Road, Apt. 5205, Tucson, Arizona 85704;
- Timothy J. Keller having a mailing address of 8552 N. Rancho Catalina Drive, Oro Valley, Arizona 85704; and
- Austin M. Ashby having a mailing address of 8003 N. Gillespie Lane, Tucson, Arizona 85743.

The Assignors invented one or more certain inventions (the "Invention(s)") described in an application for Letters Patent of the United States titled THIN FILM PROCESSING APPARATUSES FOR ADJUSTABLE VOLUME ACCOMMODATION. for which a U.S. Application was filed on May 14, 2012, as U.S. Application No. 13/509,785 and for which an International Application was filed on November 15, 2009, as International Patent Application No. PCT/US2010/056752 (the "Application(s)").

Ventana Medical Systems, Inc., having its principal place of business at 1910 E. Innovation Park Drive, Tucson, Arizona 85755 (the "Assignee"), desire to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignors acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application(s), and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights

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from the Application(s); any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application(s) (collectively, the "Rights"). Assignors warrant that Assignors own the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deem necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

Date: <u>03-oct-2012</u> Signature	9~/L_
E	Brian H. Kram ²
United States of America) State of) ss. County of)	
On this 3rd day of October personally came Brian H. Kram described in and who executed the foregoing i of the same.	before me before me before me nstrument, and acknowledged execution
Notary Public	DIANA HORTON Notary Public - State of Arizona PIMA COUNTY My Commission Expires June 16, 2015
	The state of the s

Date: 03-001-2012 Sig	nature Ken Mond
	Kevin D. Marshall
United States, of America	
State of Arizona)s	S.
County of Pima)	
On this 3rd day of Oct	<u>ober</u> , <u>2012</u> before me
personally came Kevin D. Marsha	all, to me known to be the individual
described in and who executed the for	egoing instrument, and acknowledged execution
of the same.	
Diana Linh	DIANA HORTON Notary Public - State of Arizona PIMA COUNTY
Notary Public	My Commission Expires June 16, 2015

Date: 04 Oct 2012 Signature	Clurster Le
	Christine Tse
United States of America)	
State of Anizona) ss.	
County of Pima)	
On this 440 day of October	, <u>೨೦/২</u> before me
personally came <u>Christine Tse</u>	, to me known to be the individual
described in and who executed the foregoing	instrument, and acknowledged execution
of the same.	
Diana Soh	DIANA HORTON
Notary Public	Notary Public - State of Arizona PIMA COUNTY My Commission Expires June 16, 2015

Date: 10/3/2012	Signature /	ult D'UL	
	Timoth	ny J. Ketter	
United States of America)		
State of Arizona) ss.		
County of Vima)		**
On this 3rd day of Octo	ober	, 2012	before me
personally cameTimothy J. K	<u>(eller</u> ,	, to me known to b	oe the individual
described in and who executed the	foregoing instrun	nent, and acknow	ledged execution
of the same.			
Diana Soh		DIANA HO Notary Public - St PIMA COI	ate of Arizona
Notary Public		My Commission June 16,	on Expires

Date: 63-ocT-2/12 Signature	Austin M. Ashby
United States of America) State of Arizona) ss. County of Pima)	
On this 3rd day of October personally came Austin M. Ashby described in and who executed the foregoing	before me before me to be the individual instrument, and acknowledged execution
of the same.	DIANA HORTON Notary Public - State of Arizona
Notary Public	PIMA COUNTY . My Commission Expires June 16, 2015

RECORDED: 12/05/2014