Docket No. 01-583-A U.S. DEPARTMENT OF COMMERCE

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FOI	RM PTG -1595	SHEET U.S. DEPARTMENT OF COMMERCE			
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	The University Commissions of Party 102228	R180			
	The nonorable Commissioner of Palents and Traucinarks: Please i	record the attached original documents or copy thereor.			
1.	Name of conveying party(ies):	2. Name and address of receiving party(ies)			
	Catherine Wolf	Name: Ventana Medical Systems, Inc.			
	Catherine Wolf Hiroaki Nitta  19.1802	a corporation of the State of Delaware			
	Thomas Grogan Jacques Cavadenti				
	Lidija Pestic-Dragovich	Address: 1910 Innovation Park Drive			
	Anthony Hartman	Tucson, Arizona 85737			
	Angela Sattler Jennifer Wong				
	-				
Add 3.	itional name(s) of conveying party(ies) attached? ☐ Yes ☒ No  Nature of conveyance:	Name:			
٥.	readure of conveyance.	Hanc.			
	✓ Assignment				
	☐ Security Agreement ☐ Change of Name	Address:			
	, ,				
	□ Other	Additional name(s) & address(es) attached? □ Yes ☒ No			
Exe	cution Dates: July 16, 2002; July 9, 2002; September 6, 2002;				
Aug	sust 19, 2002; July 15, 2002; July 17, 2002; July 15, 2002; and				
July 4.	Application number(s) or patent number(s):	C)			
••	••	pe execution date of the application is:			
	If this document is being filed together with a new application, the	B. Patent No.(s)			
A.	Patent Application No.(s) Filing Date	B. Patent No.(s)			
		£ <del>2</del> €			
	10/136,714 April 30, 2002	s attached? ☐ Yes ☒ No			
	Additional number	s attached? □ Yes 図 No			
5.	Name and address of party to whom correspondence concerning	B. Patent No.(s)  B. Patent No.(s)  SEC			
	document should be mailed:	6. Total number of applications and patents invo			
	Name: Amir N. Penn				
	Registration No.: 40,767	7. Total Fee (37 CFR 3.41)\$40.00			
	Registration No.: 40,707				
	Company Name: McDonnell Boehnen Hulbert & Berghoff	<u>⊠</u> Enclosed			
	Street Address: 300 South Wacker Drive	☐ Authorized to be charged to deposit account			
	Short Address. Soo South Water Diffe	-			
	City: Chicago State: Illinois	8. Deposit account number:			
-	Country: U.S.A. ZIP: 60606	13-2490			
9/19	/2002 DBYRNE 00000211 10136714	USE THIS SPACE			
<del>l<sub>9</sub> FC</del>	Statement and signature.				
	To the best of my knowledge and belief, the foregoing information	n is true and correct and any attached copy is a true copy of the original			
	document.	<b>n</b> /			
	Amir N. Penn	Date: September 13, 2002			
	Printed Name of Person Signing Total number of pages including of	Signature			
Total number of pages including cover sheet, attachments, and document: 13  Mail documents to be recorded with required cover sheet information to:					
Commissioner of Patents and Trademarks					
Box Assignments					
Washington, D.C. 20231					

**PATENT REEL: 013294 FRAME: 0474** 

## ASSIGNMENT

Case No.: 01-583-A Serial No.: 10/136,714

Inventors: Catherine Wolf, Hiroaki Nitta, Thomas Grogan, Jacques Cavadenti, Lidija Pestic-Dragovich,

Anthony Hartman, Angela Sattler, and Jennifer Wong

**Date of Execution** 

of Application: Filing Date: April 30, 2002

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

## Ventana Medical Systems, Inc., a corporation of the State of Delaware

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

## REAGENTS AND METHODS FOR AUTOMATED HYBRIDIZATION

and identified as:

Case No. 01-583-A

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

- 1 -

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Catherine Wolf

Date Signed:

The foregoing signature of Catherine Wolf was signed before me this Laday of ACV, 2002.

(Signature of Witness)

(Print name of Witness)

WITNESS my hand and seal this  $\underline{9}$  day of  $\underline{\text{Jub}}$ ,  $\underline{200}$ 

Guede hitta

State of Arizona

County of

The foregoing instrument was acknowledged before me this  $\underline{\mathcal{Q}}$  day of

July , 2000 by Hiroaki nitte

Official Seal
NOTARY PUBLIC
STATE OF ARIZONA

Commission Expires December 12, 2004

County of Pima LYN E. THORNBURG

Pima

NOTARY PUBLIC

- 3 -

Official Seal
NOTARY PUBLIC
STATE OF ARIZONA
County of Pima
CAROLYN E. THORNBURG
My Commission Expires December 12, 2004

Jacques Cavadenti
Date Signed. august 19th coor

The foregoing signature of Jacques Cavadenti was signed before me this M day of August, 2002.

(Signature of Witness)

(Print name of Witness)

WITNESS my hand and seal this Kday of July, 2002

Lidija Pestic-Dragovich

State of Anzon

County of

The foregoing instrument was acknowledged before me this 6 day of

July 2002 by Lidija Portic · Pragovich

Official Seal
NOTARY PUBLIC
STATE OF ARIZONA
County of Pima
CAROLYN E. THORNBURG
My Commission Expires December 12, 2004

WITNESS my hand and seal this  $\underline{\Gamma}$  day of  $\underline{July}$ ,  $\underline{\lambda002}$ 

Anthony Hartman

State of Anzona

County of Ama

The foregoing instrument was acknowledged before me this 17 day of

July ,200> by Anthony Kartman

NOTARY PUBLIC

Official Seal
NOTARY PUBLIC
STATE OF ARIZONA
County of Pima
CAROLYN E. THORNBURG
My Commission Expires December 12, 2004

WITNESS my hand and seal this 6 day of July, 2002

Angela Saltler

State of Anzon

County of

The foregoing instrument was acknowledged before me this \( \frac{1}{5} \) day of

Tuly ,2002 by Ancela Sattler

Official Seal
NOTARY PUBLIC
STATE OF ARIZONA
County of Pima
CAROLYN E. THORNBURG
My Commission Expires December 12, 2004

NOTARY PUBLIC

WITNESS my hand and seal this I day of July, 2007

Jennifer Wong

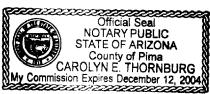
State of Arizona

County of Puna

The foregoing instrument was acknowledged before me this I day of

July, 2002 by Jennifer won

NOTARY PUBLIC



**RECORDED: 09/18/2002**