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PATENT APPLICATION Attorney Docket No. 23239-501CIP1

FORM PTO-1595 (Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)



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Attorney Docket No. 23239-501CIP1

## ASSIGNMENT

We, Marty Stanton, David Epstein and Nobuko Hamaguchi, Markus Kurz, Tony Keefe, Charles Wilson, Dilara Grate, Kristin A. Marshall, Thomas G. McCauley, Jeffrey C. Kurz, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to **Archemix Corporation**, a **Delaware** corporation, with offices at **One Hampshire Street, Boston, MA 02139** and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) my entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

## NUCLEIC ACID SENSOR MOLECULES AND METHODS OF USING SAME

filed with the U.S. Patent and Trademark Office on August 9, 2002 and assigned Serial No.10/215,982, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my name as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

I agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

PATENT REEL: 013469 FRAME: 0674 I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date:  State of Middlesex	Signature of: Marty Stanton
Subscribed and sworn to before me this	Mariah C Phrofand
MARIAH C. HOWLAND Notary Public Commonwealth of Massachusetts My Commission Expires Innumy 9, 2009	Notary Public  My commission expires      January 9, 2009
Date:	Signature of: David Epstein
State of Massachusetts County of Middlesex	
Subscribed and sworn to before me this	day of October 2002.
MARIAH C. HOWLAND Notary Public Commonwealth of Massachusetts My Commission Expires January 9, 2009	Notary Public  My commission expires January 9 2002.

Date:	Abhatan &				
	Signature of: Nobuko Hamagueki				
State of Massachusetts	_				
County of Middlesey	_				
Subscribed and sworn to before me this	day of October 2002				
	Manal & Howton				
MARIAH C. HOWLAND	Notary Public				
Notary Public Commonwealth of Massachusetts My Commission Expires	My commission expires fanuary 9, 2009				
January 9, 2009					
	frate / my				
,	Signature of: Markus Kurz				
State of Massichusetts	_				
County of Middlesex	_				
Subscribed and sworn to before me this 10 day of October 2002.					
MARIAH C. HOWLAND	Manah & Howle of				
Notary Public Commonwealth of Massachusetts	Notary Public				
My Commission Expires January 9, 2009	My commission expires January 9, 2009.				
	Juning 1, 20				

Signature of: Tony Keefe State of Massachusetts County of Middlesex Subscribed and sworn to before me this 7 day of October 2002 MARIAH C. HOWLAND Notary Public nonwealth of Massachusetts My Commission Expires My commission expires iamary 9, **2009**. Signature of: Charles Wilson County of Michelles Subscribed and sworn to before me this 7 day of October 2002 MARIAH C. HOWLAND Notary Public Commonwealth of Massachusetts Notary Public

My commission expires Jumai

My Commission Expires January 9, 2009

**-4** -

State of \_ County of \_\_\_\_\_ Subscribed and sworn to before me this 7 day of MARIAH C. HOWLAND Notary Public Commonwealth of Massachusetts My Commission Expires January 9, 2009 My commission expires Signature of: Kristin A. Marshall County of Middlesies Subscribed and sworn to before me this 7 day of Action MARIAH C. HOWLAND Notary Public Commonwealth of Massachusetts My Commission Expires January 9, 2009 My commission expires

Signature of: Thomas G. McCauley

	Signature of Thomas G. McCauley
State of Massachusetts	_
County of Middlesex	-
Subscribed and sworn to before me this 10	day of October 2002
MARIAH C. HOWLAND Notary Public Commonwealth of Massachusetts My Commission Expires January 9, 2009	Manah C How for cl Notary Public My commission expires January 9, 2009.
Burney and A Commission of the	
	Jeffer Chan
State of Massachusetts	Signature of Jeffrey C. Kurz
State of Massachusetts  County of Middlesex	- -
Subscribed and sworn to before me this	day of October 2002
Notary Public	Mariah C Howford
Notary Public Commonwealth of Massachusetts My Commission Expires	My commission expires <u>famuary</u> 9, 2009.

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**RECORDED: 11/06/2002**