Form PTO-1595 RECORDATION FORM COVER SHEET (Rov. 03/01) PATENTS ONLY 5/31/2002)		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office Atty Docket No.: AERX-065CON
To the Henerable Commissioner of Patents and Trademarks:	Please record the attached	original documents or copy thereof.
1. Name of convoying party(los):  PATEL, RAJESH S. SRINIVASAN, SUDARSAN PON, RUSSELL M. SCHUSTER, JEFFREY A. GONDA, IGOR  Additional name(s) of conveying party(les) attached?   Yes No.  Nature of conveyance:  Assignment	2. Name and address of Name: Aradigm C Internal Address; 3: Street Address; City: Hayward Sta	of receiving party(ies) Corporation  929 Point Eden Way
Execution Date: February 8, 1999.	Additional name(s)	& address(es) attached? ☐ Yes ☒ No
4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the A. Patent Application No.(s)  09/710,612, November 8, 2000	B. Patent Registration	
Additional number(s) attached ☐ Yes ☒ No		
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applical	tions and patents involved 1
Name: Bozicevic, Field & Francis LLP	☐ Enclosed	.41)\$40.00
Internal Address: 200 Middlefield Road, Suite 200	8. Deposit account nur	mber:
City: Mento Park State: California Zip: 94025	And the state of	50-0815
	(Attach duplicate copy	of this page if paying by deposit account)
DO NOT USE THIS SPACE		
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Alan W. Cannon, Reg. No. 34,977  06/03/2002		
Name of Person Signing Signs	ture	Date
Total number of pages including cover shoot, attachments, and document:		

Mail documents to be recorded with required cover sheet information to: Commissioner of Patent & Trademarks, Box Assignments Washington, D.C. 20231

> PATENT **REEL: 012759 FRAME: 0453**

## ASSIGNMENT

WHEREAS, the undersigned Rajesh S. Patel of Fremont, California, Sudarsan Srinivasan of Fremont, California, Russel M. Pon of Mountain View, California, Jeffrey A. Schuster of Oakland, California and Igor Gonda of San Francisco, California, hereinafter termed "Inventors", having invented new and useful improvements in a *Method of Fabricating Pourous Membrane with Unique Pore Structure for Aerosolized Delivery of Drugs* and having made application for a U.S. Patent disclosing and identifying the invention, which application was filed November 16, 1998 under Serial No. 09/193,219; and

WHEREAS, Aradigm Corporation, having its principle place of business at 3929 Point Eden Way, Hayward, California 94545 (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the U.S. and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

- 1. Said Inventors hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention, including any continuation or divisional thereof; (b) in and to all rights to apply for foreign patents on said invention pursuant to the international convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extension of any of said patents.
- 2. Said Inventors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

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- 3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding on said Inventors, their heirs, legal representatives and assigns.
- 4. Said Inventors warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee the day and year below written.

Dated 2/8/99

Rajesh S. Patel

County of Hameda
State of California

State of California

Pattle M.

Rajesh S. Patel

On 1999, before me, the undersigned Notary Public, personally appeared Rajesh S. Patel, personally known to me (or proved to me on the basis of evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

Elish & HANBY

Commission Figure & April 2000

Commission Figure & Commission Figure &

Notary Public

ELISA R. HAMBY
Commission # 1095596
Notory Public --- Cottomia
Alamada County
At Commission Act 23, 200

My Comm. Expires Apr 23, 200

Dated 02/08/99

Sudarsan Srinivasan

County of Hampak

Îss.

On Kilman 8, 1999, before me, the undersigned Notary Public, personally appeared Sudarsan Srinivasan, personally known to me (or proved to me on the basis of evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal,

ELISA R. HAMBY
Commission # 1095596
Notory Public — Colifornia
Alameda County
My Comm. Expires Apr 23, 2000

Notary Public

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Dated 2/8/99	Musiellowan_
	RussellM. Pon
County of Maneda State of California	}   ss.
to the within instrument, and ack	howledged to me that he executed the same in his authorized capacity, and that the person or the entity upon behalf of which the person acted, executed the official seal.
ELISA R. HAMBY Commission # 1095596 Notary Public — California Alameda County My Comm. Expires Apr 23, 2000	Notary Public
Dated <u>85-18</u> 99	Jeffrey A. Schuster
County of <u>Maneda</u> State of California	] ] ss.
subscribed to the within instrume	A hefore me, the undersigned Notary Public, personally appeared Jeffrey A, ne (or proved to me on the basis of evidence) to be the person whose name is nt, and acknowledged to me that he executed the same in his authorized capacity, strument, the person or the entity upon behalf of which the person acted, executed official seal.
	alin PHP
ELISA R. HAMBY Commission # 1095596 Notory Public Colifornia Alarmeda County My Comm. Expires Apr 23, 2000	Notary Public

Dated 02/08/99

County of <u>Maneda</u> State of California

l ] ss.

On <u>lebruay 8,1999</u>, before me, the undersigned Notary Public, personally appeared Igor Gonda, personally known to me (or proved to me on the basis of evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

ELISA R. HAMBY
Commission # 1095596
Notary Public — California
Alameda County
My Comm. Expires Apr 23, 200