

03-27-2001

3/26/01



101624250  
**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

New

Resubmission (Non-Recordation)  
Document ID#

Correction of PTO Error  
Reel #  Frame #

Corrective Document  
Reel #  Frame #

**Conveyance Type**

Assignment  Security Agreement

License  Change of Name

Merger  Other

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

Departmental File  Secret File

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name (line 1)  Execution Date  
Month Day Year

Name (line 2)

**Second Party**

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

**Receiving Party**

Mark if additional names of receiving parties attached

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)     
City State/County Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**FOR OFFICE USE ONLY**

03/28/2001 6TON11 00000084 07507125

3440.00 OP  
120.00 OP

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0851-0027), Washington, D.C. 20503. See OMB information Collection Budget Package 0851-0027, Patent and Trademark Assignment Practices. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**Correspondent Name and Address**

Area Code and Telephone Number (215) 568-3100

Name SUZANNE E. MILLER, ESQ.

Address (line 1) WOODCOCK WASHBURN KURTZ

Address (line 2) MACKIEWICZ & NORRIS, LLP

Address (line 3) ONE LIBERTY PLACE - 46th FLOOR

Address (line 4) PHILADELPHIA, PA 19103

**Pages** Enter the total number of pages of the attached conveyance document including any attachments. #

**Application Number(s) or Patent Number(s)**  Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

07/507,125	09/198,202	08/574,373	5,143,716	5,320,826	5,449,508
08/574,371	07/532,213	07/708,731	5,525,326	5,885,549	5,368,840
07/969,426	09/060,396	07/716,899	5,658,550	5,624,661	5,645,816

If this document is being filed together with a REG. Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT PCT PCT PCT

**Number of Properties** Enter the total number of properties involved. # 26

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$ 3,940.00

Method of Payment: Deposit Account

Enclosed  Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # 23-3050

Authorization to charge additional fees: Yes  No

**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. Charges to deposit account are authorized, as indicated herein.

S. Maurice VAIHA

S. Maurice VAIHA

3/23/01

Name of Person Signing

Signature

Date

REG. NO 43,966

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

Conveying Party(ies)

Enter additional Conveying Parties

Mark if additional names of conveying parties attached

Name (line 1)		Execution Date Month Day Year
Name (line 2)		
Name (line 1)		Execution Date Month Day Year
Name (line 2)		
Name (line 1)		Execution Date Month Day Year
Name (line 2)		

Receiving Party(ies)

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Name (line 1)				<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2)				
Address (line 1)				
Address (line 2)				
Address (line 3)	City	State/Country	Zip Code	<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Mark if additional numbers attached

Patent Application Number(s)

07/765,921	07/704,542	07/794,437
08/909,157	08/159,674	08/209,531
08/935,601	08/968,776	08/247,656
09/272,468	08/212,553	09/613,210
08/706,824	08/841,169	08/640,554

Patent Number(s)

5,681,542	5,985,244	5,420,176
5,639,442	5,714,528	5,714,529
5,948,387	6,024,939	5,149,319
5,209,720	5,580,575	5,770,222
5,385,719	5,458,127	5,517,993

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

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Patent Application Number(s)

08/785,661

08/823,791

08/925,353

09/540,448

08/877,826

08/851,780

09/496,761

09/075,477

08/932,273

08/971,540

08/993,165

09/593,117

09/294,623

09/291,502

09/413,110

Patent Number(s)

5,312,617

5,466,438

5,624,662

5,762,910

6,010,682

5,358,702

5,976,500

5,733,572

5,407,657

5,824,312

5,628,327

6,013,035

5,558,092

5,736,121

5,874,062

# RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

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Month Day Year

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Execution Date  
Month Day Year

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## Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/371,193

60/118,551

60/046,379

Patent Number(s)

5,922,304

6,030,348

6,028,066

5,977,538

6,088,613

State of Delaware  
Office of the Secretary of State

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PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"IMARK THERAPEUTICS, INC.", A ARIZONA CORPORATION,  
WITE AND INTO "IMARK THERAPEUTICS, INC." UNDER THE NAME OF  
"IMARK THERAPEUTICS, INC.", A CORPORATION ORGANIZED AND EXISTING  
UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED  
IN THIS OFFICE THE SECOND DAY OF AUGUST, A.D. 2000, AT 4:30  
O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE  
NEW CASTLE COUNTY RECORDER OF DEEDS.



Edward J. Freel, Secretary of State

3248994 8100M

001391090

AUTHENTICATION: 0597519

DATE: 08-03-00

PATENT

REEL: 011436 FRAME: 0122

**CERTIFICATE OF MERGER OF  
IMARX THERAPEUTICS, INC.,  
an Arizona corporation ("ImaRx AZ")  
INTO  
IMARX THERAPEUTICS, INC.,  
a Delaware corporation ("ImaRx DE")**

Pursuant to § 252 of the Delaware General Corporation Laws, the undersigned hereby certifies as follows:

**FIRST:** The name, state of organization and nature or type of each of the constituent entities are as set forth in the caption above.

**SECOND:** A Plan of Merger has been approved, adopted, certified, executed, and acknowledged by each of the constituent entities in accordance with the provisions of applicable state law.

**THIRD:** The name of the surviving entity is ImaRx Therapeutics, Inc., a Delaware corporation.

**FOURTH:** The Certificate of Incorporation of the surviving corporation shall be the Certificate of Incorporation of the corporation after the merger.

**FIFTH:** The executed Plan of Merger is on file at the place of business of the surviving entity, which address is 1635 East 18<sup>th</sup> Street, Tucson, Arizona 85719.

**SIXTH:** A copy of the Plan of Merger will be furnished by the surviving entity, on request and without cost, to any stockholder of any entity that is a party to the merger.

**SEVENTH:** The organizational documents of the surviving entity, without amendment, shall be its organizational documents.

**EIGHTH:** The authorized capital stock of ImaRx AZ is 10,000,000 shares of voting common stock and 5,000,000 shares of preferred stock, all without par value.

DATED as of the 2nd day of August, 2000.

**IMARX THERAPEUTICS, INC.,  
a Delaware corporation**

By: R. Michael Rodgers  
Name: R. Michael Rodgers  
Title: Vice President

STATE OF ARIZONA  
ACC/FAX  
DATE DELIVERED

AUG 02 2000

FILED 8/2/2000  
TERM TIME  
BY [Signature]

ARTICLES OF MERGER OF  
IMARX THERAPEUTICS, INC., 0897153-5  
an Arizona corporation  
INTO  
IMARX THERAPEUTICS, INC., F-0958555-9  
a Delaware corporation

Pursuant to Arizona Revised Statutes § 10-1105, ImarX Therapeutics, Inc., a Delaware corporation, hereby adopts the following Articles of Merger:

**FIRST:** The names of the corporations that are parties to the merger are ImarX Therapeutics, Inc., an Arizona corporation ("ImarX AZ") and ImarX Therapeutics, Inc., a Delaware corporation ("ImarX DE").

**SECOND:** The name and address of the known place of business of the surviving corporation are ImarX Therapeutics, Inc., 1635 East 18<sup>th</sup> Street, Tucson, Arizona 85719.

**THIRD:** The name and address of the statutory agent of the surviving corporation are The Corporation Trust Company, Corporation Trust Center, 1209 Orange Street, Wilmington, Delaware 19801.

**FOURTH:** The designation, number of outstanding shares, number of votes entitled to be cast on the plan of merger, and total number of votes cast for and against the plan of merger by both corporations were as follows:

Corporation	Designation	Outstanding Shares	Eligible Votes	Votes For	Votes Against
ImarX AZ	Common	2,860,833	2,860,833	2,715,162	0
ImarX DE	Common	0	0	0	0

**FIFTH:** The effective date of these Articles of Merger shall be the date that it is filed with the Arizona Corporation Commission.

DATED as of the 26<sup>th</sup> day of July, 2000.

IMARX THERAPEUTICS, INC.,  
a Delaware corporation

By: [Signature]  
Name: Evan C. Unger, M.D.  
Title: President

P11X/NM00RMAN, 1090544.1, 48353.000