FORM PTO-1619A Expres 08/30/99 OMB 0861-0027 03-27-2001

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

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

FORM PTO-1619B Expres 08/3048 OME 0861-0027	Page 2	U.S. Department of Communico Potent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Num	ber (215) 568-3100
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RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

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[09/371,193] [60/118,551] [60/046,379] [5,922,304] [6,030,348] [6,028,066]

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Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAMARE, DO HEREST 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 COPI OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Edward J. Freel, Secretary of State

AUTHENTICATION:

0597519

DATE:

08-03-00

PATENT

REEL: 011436 FRAME: 0122

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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 18th 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

Nume: R. Michael Radgers

Title: Vice President

PIDE/NMOORMAN/1080548-2/48253-001

PATENT

STATE OF ARIZONA . ACC/FAX DATE DELIVERED

AUG 0 2 2000

TERM TIME

ARTICLES OF MERGER OF
IMARX THERAPEUTICS, INC., 0947/53-5
an Arizona corporation
INTO

IMARX THERAPEUTICS, INC., F-015355-7
a Delaware corporation

Pursuant to Arizona Revised Statutes § 10-1105, ImaRx Therapeutics, Inc., a Delaware curporation, 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 18th Struct, 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 he 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	Соттов	0	0	0	0

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

DATED as of the 26th day of

IMARX THERAPEUTICS, INC.,

a Delaware corporation

7 -

Name: Evan C. Unger, M.D.

Tide: President

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RECORDED: 03/26/2001

PATENT REEL: 011436 FRAME: 0124