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02-02-2000

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027



101255903

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

### 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**  
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#### Conveying Party(ies)

Mark if additional names of conveying parties attached      Execution Date  
Month Day Year

Name (line 1)       Execution Date

Name (line 2)

#### Second Party

Name (line 1)       Execution Date

Name (line 2)

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Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

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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.)

#### 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)

02/02/2000 DNGUYEN 00000006 09433486

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Mail documents to be recorded with required cover sheet(s) information to: **ACU 109 20435/35**  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**PATENT**

**REEL: 010511 FRAME: 0411**

**Correspondent Name and Address**

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**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)**

<input type="text" value="09433486"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new 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 <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

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

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

Method of Payment: Enclosed  Deposit Account

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

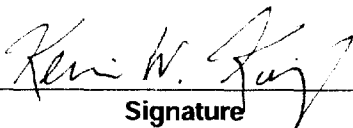
Deposit Account Number: #

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.

Kevin W. King  
Name of Person Signing  
Reg. No.: 42,737



Dec. 22, 1999  
Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date  
Month Day Year

Name (line 1) Chickering, Donald E., III

11221999

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) Khattak, Sarwat

11221999

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) Randall, Greg

11221999

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

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

Name (line 1)

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Name (line 2)

Address (line 1)

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Address (line 3) City State/Country Zip Code

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)

09433486		


## ASSIGNMENT

We, Julie Straub of 100 Cambridge Street, Winchester, Massachusetts 01890, Howard Bernstein of 33A Trowbridge Street, Cambridge, Massachusetts 02138, Donald E. Chickering, III of 3 Holly Way, Framingham, Massachusetts 01701, Sarwat Khattak of 98 Pine Street, Cambridge, Massachusetts 02139, and Greg Randall of 100 Ledgewood Drive #114, Stoneham, Massachusetts 20180, in consideration of ten dollars and other valuable consideration paid to us by Acusphere, Inc., a corporation of the Commonwealth of Massachusetts, having its principal place of business at 38 Sidney Street, Cambridge, Massachusetts 02139, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Acusphere, Inc., its successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in a certain invention or improvement in "*Porous Drug Matrices and Methods of Manufacture Thereof*" described in U.S. Application Serial No. 09/433,486 filed November 4, 1999, by Julie Straub, Howard Bernstein, Donald E. Chickering, III, Sarwat Khattak, and Greg Randall, which claims priority to U.S. Provisional Application Serial No. 60/136,323 filed May 27, 1999, in the United States Patent and Trademark Office, and which claims priority to U.S. Provisional Application Serial No. 60/158,659 filed October 8, 1999, in the United States Patent and Trademark Office, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or any parts thereof, or on said application, or any provisional, divisional, continuation, continuation-in-part, reissue, or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation, and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

Title: "Porous Drug Matrices and Methods of Manufacture Thereof"

By: Julie Straub, Howard Bernstein, Donald E. Chickering, III,  
Sarwat Khattak, and Greg Randall

Filed: November 4, 1999

ASSIGNMENT

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 22 day of November, 1999.

Julie Straub  
Julie Straub

Commonwealth of Massachusetts )

County of Middlesex )

Then personally appeared the above named Julie Straub and acknowledged the foregoing instrument to be her free act and deed, before me this 22 day of November, 1999.

Marjorie H. Baiardi  
Notary Public

My Commission expires: 7/24/03

MARJORIE H. BAIARDI  
Notary Public  
My Commission Expires:  
July 24, 2003

Title: "Porous Drug Matrices and Methods of Manufacture Thereof"  
By: Julie Straub, Howard Bernstein, Donald E. Chickering, III,  
Sarwat Khattak, and Greg Randall  
Filed: November 4, 1999  
ASSIGNMENT

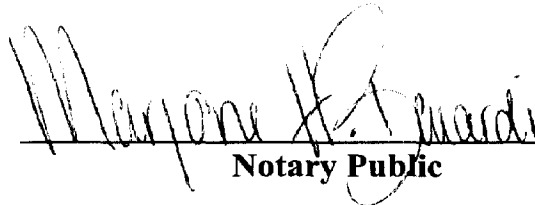
WITNESS my hand and seal this 22 day of November, 1999.



Howard Bernstein

Commonwealth of Massachusetts )  
County of Middlesex )

Then personally appeared the above named Howard Bernstein and acknowledged the foregoing instrument to be his free act and deed, before me this 22 day of November, 1999.



Notary Public

My Commission expires: 7/24/03

MARJORIE H. BAIARDI  
Notary Public  
My Commission Expires  
July 24, 2003

Title: "Porous Drug Matrices and Methods of Manufacture Thereof"

By: Julie Straub, Howard Bernstein, Donald E. Chickering, III,

Sarwat Khattak, and Greg Randall

Filed: November 4, 1999

ASSIGNMENT

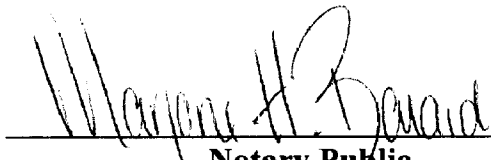
WITNESS my hand and seal this 22 day of NOVEMBER, 1999.

  
\_\_\_\_\_  
Donald E. Chickering, III

Commonwealth of Massachusetts )

County of Middlesex )

Then personally appeared the above named Donald E. Chickering, III and acknowledged the foregoing instrument to be his free act and deed, before me this 22 day of November, 1999.

  
\_\_\_\_\_  
Notary Public

My Commission expires: 7/24/03

MARJORIE H. BAIARDI  
Notary Public  
My Commission Expires  
July 24, 2003

Title: "Porous Drug Matrices and Methods of Manufacture Thereof"

By: Julie Straub, Howard Bernstein, Donald E. Chickering, III,

Sarwat Khattak, and Greg Randall

Filed: November 4, 1999

ASSIGNMENT

WITNESS my hand and seal this 22 day of November, 1999.

Sarwat Khattak  
Sarwat Khattak

Commonwealth of Massachusetts )

County of Middlesex )

Then personally appeared the above named Sarwat Khattak and acknowledged the foregoing instrument to be his free act and deed, before me this 22 day of November, 1999.

Marjorie H. Baiardi  
Notary Public

My Commission expires: 7/24/03

MARJORIE H. BAIARDI  
Notary Public  
My Commission Expires  
July 24, 2003



Title: "Porous Drug Matrices and Methods of Manufacture Thereof"

By: Julie Straub, Howard Bernstein, Donald E. Chickering, III,

Sarwat Khattak, and Greg Randall

Filed: November 4, 1999

ASSIGNMENT

WITNESS my hand and seal this 22 day of November, 1999.

Greg Randall  
Greg Randall

Commonwealth of Massachusetts )

County of Middlesex )

Then personally appeared the above named Greg Randall and acknowledged the foregoing instrument to be his free act and deed, before me this 22 day of November, 1999.

Marjorie H. Baiardi  
Notary Public

My Commission expires: 7/24/03

MARJORIE H. BAIARDI  
Notary Public  
My Commission Expires  
July 24, 2003