03-27-2003



U.S. DEPARTMENT OF COMMERCE

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ics): John V. ST. JOHN Daniel G. MORO Bill C. PONDER 2. Name and address of receiving party(ics): John V. ST. JOHN Daniel G. MORO Bill C. PONDER 3. 20 3. 3. Individual(s) Corporation-State Other Additional name(s) of conveying party(ics) attached?	102402073	INICOVER SHEET Patent and Trademark Office			
1. Name of conveying party(ies): John V. ST. JOHN Daniel G. MORO Bill C. PONDER Association General Partnership Limited Partnership Corporation-State Other	PATEN15 On				
John Y. ST. JOHN Daniel G. MORO Bill C. PONDER Association General Partnership Limited Partnership Corporation-State Other	To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
Individual(s)	John V. ST. JOHN Daniel G. MORO 320.03	Name: Access Pharmaceuticals, Inc. Address: 2600 Stemmons Freeway, Ste 176 City: Dallas State: TX			
3. Nature of conveyance: Additional name(s) & address(es) attached? Yes ■ No	☐ General Partnership ☐ Limited Partnership ☐ Corporation-State ☐ Other	Į ·			
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No.(s): 10,289,756 B. Patent No.(s): Additional numbers attached?	3. Nature of conveyance:	Additional name(s) & address(es) attached? ☐ Yes ► No			
5. Name and address of party to whom correspondence concerning document should be mailed: Bernard F. Rose, Esq. Bingham McCutchen LLP Three Embarcadoro, Suite 1800 San Francisco, CA 94111-4067 The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 50-2518 The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 50-2518 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. Name: Bernard F. Rose Registration No. 42,112 Total number of pages comprising cover sheet, attachments and document: 5 Mail documents to be recorded with required cover sheet information to: U.S. Patent and Trademark Office, Office of Public Records Box Assignments, Crystal Gateway 4, Room 335 Washington, D.C. 20231	 Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No.(s): 10,289,756 B. Patent No.(s): 				
Bernard F. Rose, Esq. Bingham McCutchen LLP Three Embarcadero, Suite 1800 San Francisco, CA 94111-4067 Enclosed Authorized to be charged to deposit account, referencing Attorney Docket No. 50-2518, billing ref. 28002-7002 8. Deposit account number: 50-2518 The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 50-2518 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. Name: Bernard F. Rose Registration No. 42,112 Total number of pages comprising cover sheet, attachments and document: 5 Mail documents to be recorded with required cover sheet information to: U.S. Patent and Trademark Office, Office of Public Records Box Assignments, Crystal Gateway 4, Room 335 Washington, D.C. 20231	5. Name and address of party to whom correspondence concerning				
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. Name: Bernard F. Rose Registration No. 42,112 Total number of pages comprising cover sheet, attachments and document: 5 Mail documents to be recorded with required cover sheet information to: U.S. Patent and Trademark Office, Office of Public Records Box Assignments, Crystal Gateway 4, Room 335 Washington, D.C. 20231	Bingham McCutchen LLP Three Embarcadero, Suite 1800 San Francisco, CA 94111-4067	☐ Enclosed ☐ Authorized to be charged to deposit account, referencing ☐ Attorney Docket No. 50-2518, billing ref. 28002-7002 8. Deposit account number: 50-2518			
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. Name: Bernard F. Rose Registration No. 42,112 Total number of pages comprising cover sheet, attachments and document: 5 Mail documents to be recorded with required cover sheet information to: U.S. Patent and Trademark Office, Office of Public Records Box Assignments, Crystal Gateway 4, Room 335 Washington, D.C. 20231	The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §1.21 that may	be required by this paper, or to credit any overpayment to Deposit Account No. 50-2518			
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. Name: Bernard F. Rose Registration No. 42,112 Total number of pages comprising cover sheet, attachments and document: 5 Mail documents to be recorded with required cover sheet information to: U.S. Patent and Trademark Office, Office of Public Records Box Assignments, Crystal Gateway 4, Room 335 Washington, D.C. 20231					
Mail documents to be recorded with required cover sheet information to: U.S. Patent and Trademark Office, Office of Public Records Box Assignments, Crystal Gateway 4, Room 335 Washington, D.C. 20231	To the best of my knowledge and belief, the foregoing information original document. Name: Bernard F. Rose	AP			
Mail documents to be recorded with required cover sheet information to: U.S. Patent and Trademark Office, Office of Public Records Box Assignments, Crystal Gateway 4, Room 335 Washington, D.C. 20231	Total number of pages comprising cov	ver sheet, attachments and document: 5			
CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 C.F.R. § 1.10)	Mail documents to be recorded with U.S. Patent and Trademark O Box Assignments, Cryst Washington	n required cover sheet information to: Office, Office of Public Records tal Gateway 4, Room 335 1, D.C. 20231			
I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal					

Service "Express Mail Post Office To Addressee" service on the date shown below in an envelope addressed to the U.S. Patent and Trademark Office, Office of Public Records, Box Assignments, Crystal Gateway 4, Room 335, Washington, D.C. 20231.

Express Mail: EV 170439701 US

Date: March 20, 2003

03/27/2003 GTON11 00000018 502518 10289756

01 FC:8021 40.00 CH

52104625.1/2028002-2280027002

PATENT

REEL: 013876 FRAME: 0583

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, we, JOHN V. ST. JOHN, a citizen of the United States of America, DANIEL G. MORO, a citizen of the United States of America, and BILL C. PONDER, a citizen of the United States of America (hereinafter referred to as "ASSIGNORS"), have invented and own a certain invention entitled SHAPE-RETENTIVE HYDROGEL PARTICLE AGGREGATES AND THEIR USES for which application for Letters Patent of the United States of America has been filed on November 6, 2002, assigned Serial No. 10/289,756; and

WHEREAS, ACCESS PHARMACEUTICALS, INC., a corporation organized and existing under and by virtue of the laws of the State of Texas and having its principal place of business at 2600 Stemmons Freeway, Suite 176, Dallas, Texas 75207-2107 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent

52101737 PATEN

thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof, to issue said patents to ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative 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 in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

52101737.1

WITNESS my hand at	Dollos	, Texas	, this <u>6 + h</u> day
of <u>Febru</u> , 2003.			7
	loh	n V. St. John	<i></i>
	Jon	in v. St. John	
STATE OF TEXAS)		
COUNTY OF Delles)		
On <u>fabruary</u> appeared John V. St. John	, 2003 befo	ore me, <u>lobuse</u>	Tory lot, personally
personally known to evidence to be the person wh acknowledged to me that he his signature on the instrume acted, executed the instrume	o me - OR - □ p nose name is su executed the sa nt the person, o	proved to me on the ubscribed to the wit ame in his authoriz	e basis of satisfactory thin instrument and ed capacity, and that by
WITNESS my hand ar	nd official seal.	7	17
State of Texas My Comm. Exp. 07/17/2006	Not	ary Public ip and for	or said County and State
WITNESS my hand at of <u>March</u> , 2003.		Daniel G. Moro	this 19 day
	,	ner G. More	
COUNTY OF Dallas)) ss `		
On Merch Athappeared Daniel G. Moro		ore me, Zobe/to J	nui Asi, personally
personally known to evidence to be the person wh acknowledged to me that he his signature on the instrume acted, executed the instrume	nose name is su executed the sa nt the person, o	ubscribed to the wit ame in his authoriz	thin instrument and ed capacity, and that by
WITNESS my hand ar		Print 1	7 Sit
ROBERTA JENECE AUST	₹ Not	ary Public in and	or said County and State
Notary Public	3	ć.	

WITNESS my hand at Dalks , Texas, this 19th day of March, 2003. Bill C. Ponder
STATE OF TEXAS)
COUNTY OF Dail = 5) ss
On March 14th, 2003 before me, Robert Sence Ash, personally appeared Bill C. Ponder
personally known to me - OR - \square proved to me on the basis of satisfactory 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
ROBERTA JENECE AUSTIN Notary Public State of Texas My Comm. Exp. 07/17/2006

52101737.1

RECORDED: 03/20/2003