04-06-2004

FORM PTO-1595

(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

	To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
	Dominique Charmot John Fordtran Han Ting Chang Eric Connor Mingjun Liu Gerrit Klaerner ditional name(s) of conveying party(ies) attached? Yes No	2. Name and address of receiving party(ies): Name: Symyx Therapeutics, Inc. Internal Address: Street Address: 3100 Central Expressway
3.	Nature of conveyance: Assignment	City: <u>Santa Clara</u> State: <u>CA</u> Zip: <u>95051</u> 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 A. Patent Application No.(s): <u>Unassigned</u>	on, the execution date of the application is filed herewith. B. Patent No.(s):
	Additional numbers a	ttached? Yes No
5.		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$
	Internal Address: Wilson Sonsini Goodrich & Rosati	Authorized to be charged to deposit account 8. Deposit account number: 23-2415
	Street Address: 650 Page Mill Road City: Palo Alto State: CA Zip: 94304-1050	6. Deposit account number. <u>23-2415</u>
		THIS SPACE
	Signature.	
8.	Anie K. Roche, Reg. No. 50, 512 Name of Person Signing	i Poele 3/30/04 Signature Date

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PATENT REEL: 015164 FRAME: 0643

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Docket Number 29329-715.202 ASSIGNMENT OF APPLICATION Whereas, the undersigned: 4. CONNOR, Eric 2. FORDTRAN, John 3. CHANG, Han Ting 1. CHARMOT, Dominique Dallas, TX Livermore, CA Los Gatos, CA Campbell, CA 6. KLAERNER, Gerrit 5. LIU. Mingiun San Jose, CA Santa Clara, CA hereinafter termed "Inventors", have invented certain new and useful improvements in ION BINDING COMPOSITIONS for which an application for United States Patent is filed herewith. for which a United States Patent issued on ___, U.S. Patent No. ___. WHEREAS, Symyx Therapeutics, Inc., a corporation of the State of California, having a place of business at 3100 Central Expressway, Santa Clara, CA 95051, (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 jointly or severally 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 United States 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: Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (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 divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents. Said Inventors hereby jointly and severally 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 reissues and reexaminations, 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. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns. Said Inventors hereby jointly and severally 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 as of the dates written below: 03/22/04 CHARMOT **FORDTRAN** LIU

KLAERNER

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Approved for use through 9/30/98. OMB 0651-0027
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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ASSIGNMENT OF APPLICATION		Docket Number 29329-715.202			
Whereas, the undersigned:					
1. CHARMOT, Dominique Campbell, CA Campbell,	3. CHANG, Han Ting Livermore, CA	4. CONNOR, Eric Los Gatos, CA			
5. LIU, Mingjun 6. KLAERNER, Gerrit Santa Clara, CA San Jose, CA					
hereinafter termed "Inventors", have invented certain new and useful improvements in					
ION BINDING COMPOSITIONS					
for which an application for United States Patent is filed herewith. for which a United States Patent issued on, U.S. Patent No					
WHEREAS, Symyx Therapeutics, Inc., a corporation of the State of C Clara, CA 95051, (hereinafter termed "Assignee"), is desirous of acqui invention disclosed therein, and in and to all embodiments of the invention Inventors (all collectively hereinafter termed "said invention"), and in a (hereinafter termed "patents") thereon granted in the United States and	ring the entire right, title and int tion, heretofore conceived, mad and to any and all patents, inven-	erest in and to said application and the e or discovered jointly or severally by said			
NOW, THEREFORE, in consideration of good and valuable from said Assignee:	consideration acknowledged by	y said Inventors to have been received in full			
1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (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 divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.					
2. Said Inventors hereby jointly and severally coven enjoy to the fullest extent the right, title and interest herein conveyed in shall include prompt production of pertinent facts and documents, givin other papers, and other assistance all to the extent deemed necessary or and interest herein conveyed; (b) for prosecuting any of said application additional applications covering said invention; (d) for filing and prose other priority proceedings involving said invention; and (f) for legal propatents granted thereon, including without limitation reissues and reexacontests, public use proceedings, infringement actions and court action providing such cooperation shall be paid for by said Assignee.	n the United States and foreign of a go of testimony, execution of per desirable by said Assignee (a) ins; (c) for filing and prosecuting cuting applications for reissuand occedings involving said inventional aminations, opposition proceedings; provided, however, that the example of the said inventions is the said inventions.	countries. Such cooperation by said Inventors titions, oaths, specifications, declarations or for perfecting in said Assignee the right, title a substitute, divisional, continuing or see of any said patents; (e) for interference or ion and any applications therefor and any aps, cancellation proceedings, priority expense incurred by said Inventors in			
 The terms and covenants of this assignment shall representatives, and shall be binding upon said Inventors, their respecti 					
4. Said Inventors hereby jointly and severally 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 as of the dates written below:					
Date:	OHAD VOT				
Date: 3.24.04	CHARMOT FOLDTRAN	Ird wom			
Date:	CHANG				
Date:	CONNOR				
Date:	LIU	· · · · · · · · · · · · · · · · · · ·			
Date:	KLAERNER				

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PATENT REEL: 015164 FRAME: 0645