

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2571434

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>ROBERT O. COOK</td><td>06/28/2012</td></tr><tr><td>JIAN ZHANG</td><td>06/28/2012</td></tr><tr><td>THOMAS A. ARMER</td><td>06/28/2012</td></tr></tbody></table>	Name	Execution Date	ROBERT O. COOK	06/28/2012	JIAN ZHANG	06/28/2012	THOMAS A. ARMER	06/28/2012	
Name	Execution Date								
ROBERT O. COOK	06/28/2012								
JIAN ZHANG	06/28/2012								
THOMAS A. ARMER	06/28/2012								
RECEIVING PARTY DATA									
Name:	MAP PHARMACEUTICALS, INC.								
Street Address:	2400 BAYSHORE PARKWAY, SUITE 200								
City:	MOUNTAIN VIEW								
State/Country:	CALIFORNIA								
Postal Code:	94043								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>14047839</td></tr></tbody></table>	Property Type	Number	Application Number:	14047839					
Property Type	Number								
Application Number:	14047839								
CORRESPONDENCE DATA									
Fax Number:									
Email:	patents@mappharma.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	JENNIFER C. CHENG								
Address Line 1:	2400 BAYSHORE PARKWAY, SUITE 200								
Address Line 4:	MOUNTAIN VIEW, CALIFORNIA 94043								
ATTORNEY DOCKET NUMBER:	MROI-112CON3A								
NAME OF SUBMITTER:	JENNIFER C. CHENG								
Signature:	/Jennifer C. Cheng/								
Date:	10/09/2013								

**Total Attachments: 5**

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ASSIGNMENT  
JOINT

THIS ASSIGNMENT, by

Assignors:	Address:
COOK, Robert O.	42 Scott Dr., Hillsborough, NJ 08844
ZHANG, Jian	2400 Bayshore Parkway, Suite 200, Mountain View, CA 94043
ARMER, Thomas A.	2400 Bayshore Parkway, Suite 200, Mountain View, CA 94043

respectively, witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in "Novel Fluoroergoline Analogs" set forth in an application for Letters Patent of the United States, bearing Serial No. 13/531,371 and filed on 22 June 2012; and

WHEREAS, MAP Pharmaceuticals, Inc., a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 2400 Bayshore Parkway, Suite 200, Mountain View, California 94043 (hereinafter referred to as the Assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:


NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives and assigns, their entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said Assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.

AND for the same consideration, said Assignors hereby covenant and agree to and with said Assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said Assignors hereby covenant and agree to and with said Assignee, its successors, legal representatives and assigns, that said Assignors will, whenever counsel of said Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.

AND said Assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said Assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said Assignee, its successors, legal representatives and assigns.

Attorney Docket No.: MAPPP002,US01  
US Patent App No. 13/531,371

  
Robert O. Cook

Jian Zhang

Thomas A. Armer

**PATENT**  
**REEL: 031372 FRAME: 0220**

Date

Robert O. Cook

28 Jan 2012

Date

Jian Zhang

28 June 2012

Date

Thomas A. Armer

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

County of Santa Clara

On 6/28/2012 before me, Lisa Chan a Notary Public

personally appeared Jian Zhang



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Signature]  
Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

**Description of Attached Document**

Title or Type of Document: Assignment

Document Date: 6/28/2012 Number of Pages: 2

Signer(s) Other Than Named Above: NA

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

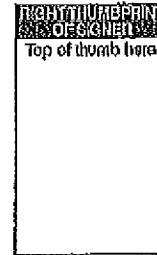
Signer is Representing: \_\_\_\_\_



Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer is Representing: \_\_\_\_\_



# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara

On 6/28/2012 before me, Lisa Chan, a Notary Public  
Date Here Insert Name and Title of the Officer

personally appeared Thomas A. Arner  
Name(s) of Signer(s)



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies); and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

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