

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Elena Feinstein	05/31/2010
Huseyin Aygun	08/10/2010
Rami Skaliter	05/31/2010
Hagar Kalinski	05/31/2010
Igor Mett	05/31/2010
James McSwiggen	06/01/2010
Leonid Beigelman	06/14/2010
RECEIVING PARTY DATA	
Name:	Quark Pharmaceuticals, Inc.
Street Address:	6501 Dumbarton Circle
City:	Fremont
State/Country:	CALIFORNIA
Postal Code:	94555
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12733998
CORRESPONDENCE DATA	
Fax Number:	(212)391-0525
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	212-278-0400
Email:	jwhite@cooperdunham.com
Correspondent Name:	Cooper & Dunham LLP
Address Line 1:	30 Rockefeller Plaza
Address Line 4:	New York, NEW YORK 10112
ATTORNEY DOCKET NUMBER:	2094/77602-A-P-US/JPW/DSC

CH \$40.00 12733998

501338667

**PATENT
 REEL: 025235 FRAME: 0306**

NAME OF SUBMITTER:

Letitia DeGrasse

Total Attachments: 5

source=101029_77602-A-PCT-US_Assignement_DSC_Page_1#page1.tif

source=101029_77602-A-PCT-US_Assignement_DSC_Page_2#page1.tif

source=101029_77602-A-PCT-US_Assignement_DSC_Page_3#page1.tif

source=101029_77602-A-PCT-US_Assignement_DSC_Page_4#page1.tif

source=101029_77602-A-PCT-US_Assignement_DSC_Page_5#page1.tif

Assignment of Non-Provisional Application

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned,

Elena Feinstein of 12/29 HaHagana Street, 76214 Rehovot, Israel; Huseyin Aygun of Furstenbergerstrasse 158, 60322 Frankfurt am Main, Germany; Rami Skaliter of 117/11 Habanim, 74037 Nes Ziona, Israel; Hagar Kalinski of 23 Zalman Shazar Street, 75700 Rishon-le-Zion, Israel; Igor Mett of 9/1 Paldi Street, 76248 Rehovot, Israel; James McSwiggen of 3669 Roundtree Court, Boulder, Colorado 80304, United States; Leonid Beigelman of 991 East Grant Place, San Mateo, California 94402, United States

Hereby sell, assign and transfer to Quark Pharmaceuticals, Inc., a corporation of the State of California, having a place of business at 6501 Dumbarton Circle, Fremont 94555, U.S.A., in the County of Alameda and State of California, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned

on May 31, 2010; August 10, 2010; May 31, 2010; May 31, 2010;
May 31, 2010; June 1, 2010; and June 14, 2010

and is entitled

NOVEL SIRNA STRUCTURES

(U.S. SERIAL NO. 12/733,998 , §371 NATIONAL STAGE OF PCT INTERNATIONAL APPLICATION NO. PCT/IL2008/001197, FILED SEPTEMBER 4, 2008, CLAIMING THE BENEFIT OF U.S. PROVISIONAL APPLICATIONS NOS. 61/189,035, FILED AUGUST 15, 2008; 61/134,638, FILED JULY 10, 2008; 61/128,519, FILED MAY 22, 2008; 61/010,040, FILED JANUARY 4, 2008; 61/003,535, FILED NOVEMBER 15, 2007; 61/000,664, FILED OCTOBER 25, 2007; AND 60/997,576, FILED OCTOBER 3, 2007)

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner for Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application,

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 31 May 2010
 Witness: [Signature] [signature]
ALEXANDRA ABRAMOFF [printed name]
82 Shabazi St., Ashdod, [address]
Israel

[Signature] [LS]
 Elena Feinstein

Date: 10/08/10
Witness: [Signature] (signature)
S. W. Szwed (printed name)
111 Federsheim Rd (address)
36056 Kent Jct

10/08/10 [Signature] (US)
Huseyin Aygün

Date: _____
Witness: _____ (signature)
_____ (printed name)
_____ (address)

Rami Skaliter (US)

Date: _____
Witness: _____ (signature)
_____ (printed name)
_____ (address)

Hagar Kalinski (US)

Date: _____
Witness: _____ (signature)
_____ (printed name)
_____ (address)

Igor Mett (US)

Date: _____
Witness: _____ (signature)
_____ (printed name)
_____ (address)

James McSwiggen (US)

Date: _____
Witness: _____ (signature)
_____ (printed name)
_____ (address)

Huseyin Aygun [LS]



Rami Skaliter [LS]

Date: 31 May 2010
Witness: [Signature] (signature)
ALEXANDRA ABRAMOR (printed name)
8a Shabari St., Ashdod (address)
ISRAEL

Hagar Kalinski [LS]
Hagar Kalinski

Date: 31 May 2010
Witness: [Signature] (signature)
ALEXANDRA ABRAMOR (printed name)
8a Shabari St., Ashdod (address)
Israel

[Signature] [LS]
Igor Mett

Date: 31 May 2010
Witness: [Signature] (signature)
ALEXANDRA ABRAMOR (printed name)
8a Shabari St., Ashdod (address)
ISRAEL

[Signature] [LS]
James McSwiggen

Date: 1 June
Witness: [Signature] (signature)
JoAnne Trembley (printed name)
3669 Roundtree Ct. (address)
Boulder, CO 80304

Date: June 19, 2010
Witness: Rosanne Roth [signature]
Rosanne Roth [printed name]
1131 Compass Ln #303 [address]
Foster City, CA 94404


_____[LS]
Leonid Beigelman