

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Egvenia Alpert	01/24/2011
Igor Spivak	01/19/2011
Amir Bar-Ilan	01/20/2011
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:	12994725
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	79459-A-PCT-US
NAME OF SUBMITTER:	Adam C. Krol
<p>Total Attachments: 3</p> <p>source=110215_2094_79459_a_PCT_US_Assignment_DES_Page_2#page1.tif</p> <p>source=110215_2094_79459_a_PCT_US_Assignment_DES_Page_3#page1.tif</p>	

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REEL: 025822 FRAME: 0203

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: 24 January 2018
 Witness: [Signature] [signature]
A. ABRAMOFF [printed name]
815 SHABAZI ST. [address]
ASHDOD, ISRAEL

[Signature] [LS]
 Evgenia Alpert

Date: JANUARY 19, 2011
Witness: [signature] [signature]
A. ABRAMOFF [printed name]
8/3 SHABAZI ST. [address]
ASHDOD, ISRAEL

[signature] [LS]
Gior Spivak

Date: JANUARY 20, 2011
Witness: [signature] [signature]
A. ABRAMOFF [printed name]
8/3 SHABAZI ST. [address]
ASHDOD, ISRAEL

[signature] [LS]
Amir Bar-Ilan

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, Egvenia Alpert residing at 25 Kobobi Street, Apartment 14, 96757 Jerusalem, Israel; Igor Spivak residing at Rabbi Yehudah Hanassi Street, 8/16, 35425 Haifa, Israel; Amir Bar-Ilan, residing at 12 Shoshanat HaCarmel Street, 34321 Haifa, Israel

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, 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 01/24/2011; 01/19/2011; 01/20/2011 and is entitled

COMPOSITIONS AND METHODS FOR TREATMENT OF EAR DISORDERS

(US SERIAL NO. 12/994,725, §371 NATIONAL STAGE OF PCT INTERNATIONAL APPLICATION NO. PCT/IL2009/000570, FILED JUNE 7, 2009, CLAIMING BENEFIT OF U.S. PROVISIONAL APPLICATION NO. 61/131,162, FILED JUNE 6, 2008)

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;

JPW Rev. April 19, 2007