

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2639879

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SUHAIB M. SIDDIQI	11/20/2013
RECEIVING PARTY DATA	
Name:	MOLECULAR ASSEMBLY, LLC
Street Address:	2089 ARROYO AVE.
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State/Country:	CALIFORNIA
Postal Code:	94070
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14056687
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ATTORNEY DOCKET NUMBER:	31144/3
NAME OF SUBMITTER:	THOMAS C. MEYERS
Signature:	/Thomas C. Meyers/
Date:	12/06/2013
Total Attachments: 4 source=31144_3_Assignment_Siddiqi#page1.tif source=31144_3_Assignment_Siddiqi#page2.tif source=31144_3_Assignment_Siddiqi#page3.tif source=31144_3_Assignment_Siddiqi#page4.tif	

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**ASSIGNMENT**

**WHEREAS** I, the below named inventor,

Suhaib M. Siddiqi

hereinafter referred to as "Assignor" have made an invention(s) set forth in an application for patent of the United States, entitled:

**METHODS AND APPARATUS FOR SYNTHESIZING NUCLEIC ACIDS**

for which I filed U.S. patent application on October 17, 2013 which bears U.S. Patent Application Serial No. **14/056,687**; and

**WHEREAS, MOLECULAR ASSEMBLY, LLC**, whose post office address is 2089 Arroyo Ave, San Carlos, California 94070 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the invention(s); the applications for patent identified above; the right to file applications for patent of the United States or other countries on the invention(s); any application for patent of the United States or other countries claiming priority to these applications; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

**NOW, THEREFORE**, for good and valuable consideration, the receipt of which from Assignee is hereby acknowledged, which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

(a) the application for patent identified above and all the invention(s) disclosed in said applicaton;

(b) any and all inventions and improvements disclosed in said application for patent identified above, together with all pending applications and all provisional applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States or other countries on any of said inventions or improvements, or claiming priority to or relying on the disclosure of said application for patent identified above;

(c) the right to file applications for patent of the United States or other countries on the invention(s) and improvements, including all rights under the

Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;

(d) any application(s) for patent of the United States or other countries claiming the invention(s) and improvements;

(e) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (a) – (d), including any reissue(s) and extension(s) of said patent(s).

(f) all rights of priority resulting from the on any application for patent identified in the preceding paragraphs (a) – (d);

(g) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (a)-(d); and

(h) any patent rights, any patent, copyright, trade secret, and any other proprietary rights related thereto, and all designs, improvements, modifications, enhancements, works or ideas related thereto, whether or not protectable as intellectual property, on any application for patent identified in the preceding paragraphs (a) - (d).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and/or assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the invention(s), that the invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 11/20/13

By: *Suhair M. Siddiqi*  
Suhair M. Siddiqi

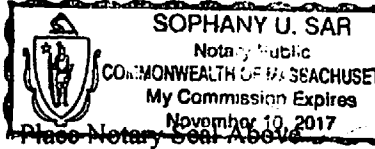
State of Massachusetts )  
County of Middlesex ) ss.

On NOV 20 2013, before me, Sophany Sar, Notary Public, personally appeared Suhair Siddiqi, personally known to me or 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.

WITNESS my hand and official seal.

*Sophany Sar*  
Signature of Notary Public

My Commission Expires: NOV. 10 2017



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