

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5483295

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FOSTER AGBLEVOR	05/16/2018
HOSSEIN JAHROMI	04/30/2018
OLEKSANDR HIETSOI	04/30/2018
SHEREEN HASSAN	05/18/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UTAH STATE UNIVERSITY
<b>Street Address:</b>	1465 OLD MAIN HILL, STE. 101
<b>City:</b>	LOGAN
<b>State/Country:</b>	UTAH
<b>Postal Code:</b>	84322-1465
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16376972
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	4357970641
<b>Email:</b>	paralegal@usu.edu
<b>Correspondent Name:</b>	LILLY STONECIPHER
<b>Address Line 1:</b>	1465 OLD MAIN HILL, STE. 101
<b>Address Line 4:</b>	NORTH LOGAN, UTAH 84322-1465
<b>ATTORNEY DOCKET NUMBER:</b>	P16111.02
<b>NAME OF SUBMITTER:</b>	LILLY STONECIPHER
<b>SIGNATURE:</b>	/Lilly Stonecipher/
<b>DATE SIGNED:</b>	04/19/2019
<b>Total Attachments: 5</b>	
source=2018_04_30_Assignment_P16111#page1.tif	
source=2018_04_30_Assignment_P16111#page2.tif	
source=2018_04_30_Assignment_P16111#page3.tif	

source=2018\_04\_30\_Assignment\_P16111#page4.tif

source=2018\_04\_30\_Assignment\_P16111#page5.tif

WHEN RECORDED RETURN TO:  
Office of General Counsel  
Utah State University  
1465 Old Main Hill  
Logan, UT 84322-1465

U.S. Patent Application No: 62/653,739  
ATTORNEY DOCKET NO. P16111.01

## **A S S I G N M E N T**

WHEREAS, FOSTER AGBLEVOR, whose post office address is 320 West 400 South, Hyde Park, Utah 84318, HOSSEIN JAHROMI, 4105 Old Main Hill, Logan, Utah 84322, OLEKSANDR HIETSOI, 4105 Old Main Hill, Logan, Utah 84322, and SHEREEN HASSAN, 4105 Old Main Hill, Logan, Utah 84322 (“Assignors”), have invented a certain new and useful improvement in RED MUN COMPOSITIONS AND METHODS RELATED THERETO for which a U.S. Provisional or U.S. Non-provisional application was filed on April 6, 2018, and given U.S. Non-provisional or U.S. Provisional Patent Application No. 62/653,739, (I/We hereby authorize assignee to complete when known); and

WHEREAS, UTAH STATE UNIVERSITY, (“Assignee”), a state chartered institution of higher education, having a business address of 1465 Old Main Hill, Logan, UT 84322-1465 is desirous of acquiring the entire right, title, and interest in the same;

NOW, THEREFORE, in consideration of good and valuable consideration paid by Assignee, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby grant and assign to Assignee, the entire right, title and interest in the above-identified United States Application(s) and in all patent applications based thereupon, including, but not limited to, any non-provisionals, divisions, continuations, continuations-in-part of said application(s), reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing therefrom in the United States and foreign countries. Assignee also hereby acquires the right, power and authority to file and prosecute U.S. and foreign patent applications on the invention(s) listed above in its own name, wherever such right may be legally exercised, including the right to claim the priority and benefits of the International Convention for such applications or patent. Assignee also hereby maintains the right to bring actions for infringement of any right in said invention(s) above in its own name, including past infringement, in any jurisdiction.

Assignor hereby authorizes and requests that the United States Commissioner for Patents and Trademarks, who is duly authorized to issue any Letters Patent on said invention, and such Patent Office officials in foreign countries as are duly authorized by their patent laws

to issue patents, recognize and record that Assignee is the owner of the entire right, title, and interest to the inventions listed above, for the sole use and benefit of Assignee, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent are, or may be, granted, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.

Assignor hereby agrees, without further consideration and without expense to Assignor, to sign all lawful papers and to perform all other lawful acts which the Assignee may request in order to make this Assignment fully effective, including, by way of example but not of limitation, the following: prompt execution of all original, divisional, substitution, reissue, and other United States and foreign patent applications; cooperation to the best of Assignor's ability in executing all other lawful documents pertaining to the inventions listed above; and producing evidence in any actions or proceedings concerning the invention, including, but not limited to, nullification, reissuance, extension, and infringement proceedings involving the inventions listed above.

Assignor represents that it has not transferred, licensed or otherwise granted any rights of any kind in the invention(s), to any other party.

This assignment and agreement shall be binding upon our heirs and legal representatives.

Executed this 16 day of May, 2018, at Logan, Utah.

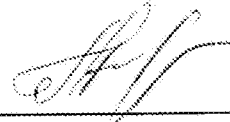
  
\_\_\_\_\_  
FOSTER AGBLEVOR

Executed this 30 day of April, 2016, at Logan, Utah.

*[Handwritten signature]*

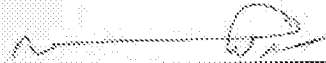
HOSSEIN JAHROMI

Executed this 30 day of April, 2018, at Logan, Utah.



OLEKSANDR HIETSOI

Executed this 18 day of May, 2018, at Cairo, Egypt.



SHEREEN HASSAN