

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN S. REED	12/15/2016
ITZHAK KUREK	12/10/2016
HENRIK FYRST	12/15/2016
LISA DYSON	12/06/2016
RECEIVING PARTY DATA	
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Street Address:	3946 TRUST WAY
City:	HAYWARD
State/Country:	CALIFORNIA
Postal Code:	94545
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14214784
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NAME OF SUBMITTER:	JILL A. JACOBSON
SIGNATURE:	/Jill A. Jacobson/
DATE SIGNED:	12/19/2016
Total Attachments: 2	
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PATENT ASSIGNMENT

WHEREAS,

John S. REED

Itzhak KUREK

Henrik FYRST

Lisa DYSON

(hereinafter "Inventor(s)"), have invented certain new and useful improvements in

METHODS OF USING NATURAL AND ENGINEERED ORGANISMS TO PRODUCE SMALL MOLECULES

for which Application No. 14/214,784 was filed on March 15, 2014 in the United States Patent and Trademark Office (hereinafter "Application")

WHEREAS, Kiverdi, Inc., a corporation of the State of Delaware, having a place of business at 3946 Trust Way, Hayward, CA 94545 (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in and to said Application and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates, and other forms of protection (hereinafter "Patent(s)" thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions, including the right to claim priority to said Inventions; (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extensions of any of said Patent(s).

2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation

by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

Date: 12/15/2016
DocuSigned by:
John Reed
87D38FE6359A465...
John S. Reed

Date: 12/10/2016
DocuSigned by:
Itzhak Kurek
86DDE7C83BAD4B9...
Itzhad Kurek

Date: 12/15/2016
DocuSigned by:
Henrik Fyrst
D112CDD9BD7340C...
Henrik Fyrst

Date: 12/6/2016
DocuSigned by:
Lisa Dyson
13D7C51EF62647B...
Lisa Dyson