## 504575697 10/02/2017 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4622408

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution	Date	
YELENA KANN			11/26/2013		
ROGER WEINLEIN			12/04/2013		
RECEIVING PARTY DA	1	DLIX, INC.			
	21 ERIE				
Street Address:		_			
City:		CAMBRIDGE			
State/Country:		CHUSETTS			
Postal Code:	02139				
PROPERTY NUMBERS	Total: 1				
Property Type		Number			
Property Type		Number			
	1	5334047			
Application Number:					
Application Number:		5334047			
Application Number: CORRESPONDENCE D Fax Number:	• <b>ATA</b> (4	5334047 404)879-2160	unsuccessful, it will be se	ent	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i>	ATA (4 e sent to t	5334047		ent	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if	ATA (4 e sent to t provided;	5334047 404)879-2160 f <b>he e-mail address first; if that is u</b>		ent	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email:	ATA (4 e sent to t provided; 4( sa	5334047 404)879-2160 t <b>he e-mail address first; if that is u</b> <b>if that is unsuccessful, it will be s</b> 04-879-2150 arah@pabstpatent.com		ent	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name:	ATA (4 e sent to t provided; 4( sa S	5334047 404)879-2160 the e-mail address first; if that is u if that is unsuccessful, it will be s 04-879-2150 arah@pabstpatent.com ARAH HODGES		ent	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1:	ATA (4 e sent to t provided; 4( Sa S. 1	5334047 (04)879-2160 ( <b><i>the e-mail address first; if that is u</i> <i>if that is unsuccessful, it will be s</i> 04-879-2150 (arah@pabstpatent.com ARAH HODGES 545 PEACHTREE STREET NE</b>		ent	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA (4 e sent to t provided; 4( sa S, 1t S	5334047 (404)879-2160 ( <i>the e-mail address first; if that is u</i> <i>if that is unsuccessful, it will be s</i> 04-879-2150 (arah@pabstpatent.com ARAH HODGES 545 PEACHTREE STREET NE UITE 320		ent	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA (4 e sent to t provided; 4( sa S, 1t S	5334047 (04)879-2160 ( <b><i>the e-mail address first; if that is u</i> <i>if that is unsuccessful, it will be s</i> 04-879-2150 (arah@pabstpatent.com ARAH HODGES 545 PEACHTREE STREET NE</b>		ent	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA (4 e sent to t provided; 4( sa S, 1t S	5334047 (404)879-2160 ( <i>the e-mail address first; if that is u</i> <i>if that is unsuccessful, it will be s</i> 04-879-2150 (arah@pabstpatent.com ARAH HODGES 545 PEACHTREE STREET NE UITE 320		ent	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA (4 e sent to t provided; 4( sa S, 1t S	5334047 (04)879-2160 ( <i>the e-mail address first; if that is u</i> <i>if that is unsuccessful, it will be s</i> 04-879-2150 (04-879-2150) (04-879-2150) (04-879-2150) (04-879-2150) (04-879-2150) (04-879-2150) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2150) (04-879-210) (04-8		ent	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: NAME OF SUBMITTER:	ATA (4 e sent to t provided; 4( sa S, 1t S	5334047 (04)879-2160 ( <i>the e-mail address first; if that is u</i> <i>if that is unsuccessful, it will be s</i> 04-879-2150 (04-879-2150) (04-879-2150) (04-879-2150) (04-879-2150) (04-879-2150) (04-879-2150) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2160) (04-879-2150) (04-879-210) (04-879-210) (04-879-210) (04-879-210) (04-879-210) (04-879-210) (04-879-210) (04-879-210) (04-879-210) (04-879-210) (04-879-210) (04-879-210) (04-879-210) (04-879-210)		ent	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: NAME OF SUBMITTER: SIGNATURE:	ATA (4 e sent to t provided; 4( sa S, 1t S	5334047 (04)879-2160 the e-mail address first; if that is u if that is unsuccessful, it will be s 04-879-2150 arah@pabstpatent.com ARAH HODGES 545 PEACHTREE STREET NE UITE 320 TLANTA, GEORGIA 30309 SARAH HODGES /Sarah Hodges/		ent	

504575697

## ASSIGNMENT

WHEREAS, we, Yelena Kann and Roger Weinlein, have invented a certain improvement in **BIOBASED RUBBER MODIFIERS FOR POLYMER BLENDS** described in an application for Patent,

- [ ] the specification of which is about to be filed in the United States Patent Office (use for utility (37 CFR § 1.53(b)) and design filings only);
- [ ] is about to be filed in the United States Patent Office as a Provisional Application;
- [] the specification of which is United States Application No , filed ;
- [X] the specification of which is a Patent Cooperation Treaty Application, International Application No. PCT/US2013/055624, filed August 19, 2013, which designated the United States of America
- [ ] which was patented under U.S. Patent No.

WHEREAS, Metabolix, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware and having a usual place of business at 21 Erie Street, Cambridge, Massachusetts, 02139 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest, including the right to sue for past infringement, in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty, or other patent applications, which correspond to and claim the priority of the above-identified application;

> PATENT REEL: 043930 FRAME: 0005

PCT App. No. PCT/US2013/055624 (Attorney Docket No.: 4354.1035-007) Inventor(s): Yelena Kann and Roger Weinlein Filed: August 19, 2013 Assignment Page 2

AND, we further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any further applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, it successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal on the date set forth below.

Inventor's Signature:	yeunder,	
	Yelena Kann	

State/Commonwealth of Massachusetts County of Middlesex

On this <u>26th</u> day of <u>November</u>, 20<u>13</u>, before me, the undersigned notary public, personally appeared Yelena Kann,

j personally known to me, or

[ ] proved to me through satisfactory evidence of identification, which was:

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public Sauch P. Cecif

SARAH P. CECIL (print name)

My Commission expires  $3/12/15^{-1}$ 

PATENT REEL: 033930 FRAME: 0008

SARAH P. CECIL Notary Public Commonwealth of Massachusetts My Commission Expires March 12, 2015

PCT App. No. PCT/US2013/055624 (Attorney Docket No.: 4354.1035-007) Inventor(s): Yelena Kann and Roger Weinlein Filed: August 19, 2013 Assignment

Page 3 Roger Weinlein Inventor's Signature:

State/Commonwealth of Massachusetts County of Middlesex

On this <u>4</u> day of <u>*Bellmbu*</u>, 20<u>13</u>, before me, the undersigned notary public, personally appeared Roger Weinlein,

M

personally known to me, or

[ ] proved to me through satisfactory evidence of identification, which was:

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public	Leuke
Dr-Sabine	Funke (print name)

My Commission expires <u>31 / 07 / 2047</u>



Dr. Sabine Funke Rechtsanwältin • Notarin Grüneburgweg 149 • 60323 Frankfurt am Main

PATENT REEL: 0**33930** FRAME: 0**0**03 In my capacity as Civil Law Notary in Frankfurt/Main, Federal Republic of Germany, I hereby certify that

Dr. Roger Weinlein, born on March 30, 1963, residing at 60322 Frankfurt, Fichardstraße 63, Germany

- identified by his official identity card -

has signed this document before me today.

I asked the above named person whether I or any member of my firm had acted in the matter which is the subject of this instrument, except in a notarial capacity. He replied in the negative. I state as well that I have not been involved in the matter before.

Frankfurt am Main, December 4, 2013

Civil Law Notary



の一般ないないので、「ないない」のないないです。

PF たた。「おおいた」には、「おおいた」ので、たち、またので、

## PATENT REEL: 043930 FRAME: 0008

RECORDED: 00/02/2017