# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4181766

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
RAJESH K. MEHRA	06/09/2014
JEREMY D. WALKER	06/09/2014
KENNETH P. ARON	06/09/2014
DENNIS M. BLEILE	06/09/2014
CRISTINA R. CUESICO	06/09/2014
TIMOTHY P. FORSYTH	06/09/2014

### **RECEIVING PARTY DATA**

Name:	ABAXIS, INC.
Street Address:	3240 WHIPPLE ROAD
City:	UNION CITY
State/Country:	CALIFORNIA
Postal Code:	94587

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15226108

## **CORRESPONDENCE DATA**

**Fax Number:** (202)842-7899

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.

Email: mteague@cooley.com

Correspondent Name: MEGHANN K. TEAGUE

Address Line 1: 1299 PENNSYLVANIA AVENUE, N.W.

Address Line 2: SUITE 700

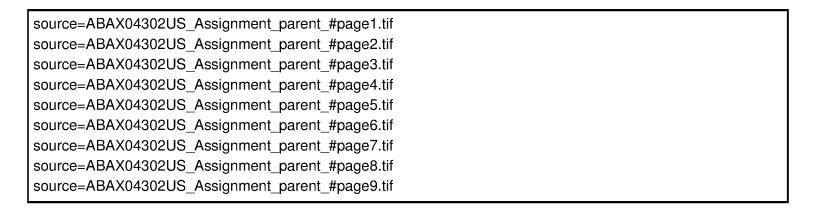
Address Line 4: WASHINGTON, D.C. 20004

DATE SIGNED: 12/13/2016	
SIGNATURE: /Meghann K. Teague/	
IAME OF SUBMITTER: MEGHANN K. TEAGUE	
ATTORNEY DOCKET NUMBER: ABAX-043/02US 010265-2316	

Total Attachments: 9

PATENT REEL: 040718 FRAME: 0089

504141921



PATENT REEL: 040718 FRAME: 0090

#### ASSIGNMENT

Rajesh K. MEHRA, , residing at 25410 Southwick Drive #109, Hayward, CA 94544; and Jeremy D. WALKER, residing at 22120 Center Street, Castro Valley, CA 94546; and Kenneth P. ARON, residing at 201 Fair Oaks Street, San Francisco, CA 94110; and Dennis M. BLEILE, residing at 800 Winterside Circle, San Ramon, CA 94583; and Cristina R. CUESICO, residing at 4587 Alhambra Drive, Fremont, CA 94536; and Timothy P. FORSYTH, residing at 1928 Wingate Way, Hayward, CA 94541; (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled <u>COMPOSITIONS AND METHODS FOR IDENTIFYING EHRLICHIA SPECIES</u>, and which is a:

(1)	provisional application  (a) to be filed herewith; or  (b) bearing Application No., and filed on;
(2)	non-provisional application  (a) to be filed herewith; or
	(b) Searing Application No. 14/252,696, and filed on April 14, 2014; and/or
(3)	PCT application
	(a) bearing Application No. , and filed on .

WHEREAS, Abaxis, Inc., a corporation having its principal place of business at 3240 Whipple Road, Union City, CA 94587 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application for patent identified in paragraph (1), (2) and/or (3); 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 application; 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 sufficient consideration, the receipt of 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 Invention(s);
- (b) the application for patent identified in paragraph (1) (2) and/or (3);

- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, 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);
- (c) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1), (2) and/or (3) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and
- (f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and
- (g) 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 (b) (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignce, 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 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 Assignor, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1), (2) and/or (3) when known.

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.

107686355v1

PATENT REEL: 040718 FRAME: 0093

Date: 06/09/2014 By:	Rajesh K. MEHRA
•	Rajesh K. MEHRA
State of CAL Carado	
) ss.	
State of <u>Chlifornia</u> )  State of <u>Chlifornia</u> )  Sss.  County of <u>Alarne cla</u> )	
On Jone 09, 2019, before me, J. Notary Public, personally appeared Rejects	Angela Brunetta Murray,
Notary Public, personally appeared Ranash	C. Mehra,
who proved to me on the basis of satisfactory evi	
name(s) is/are subscribed to the within instrumer	t and acknowledged to me that
he/she/they executed the same in his/her/their auth	orized capacity(ies), and that by
his/her/their signature(s) on the instrument the person	on(s), or the entity upon behalf of
which the person(s) acted, executed the instrument.	
I certify under PENALTY OF PERJURY under the	aws of the State of California that
the foregoing paragraph is true and correct.	
WITNESS my hand and official seal.	ANGELA BRUNETTA MURRAY COMM. #2021777 z
•	CONTRACTOR NOTATE PUBLIC - California 20
angle Brusette Murrey	Alameda County  My Comm. Expires May 14, 2017
Signature of Notary Public	Place Notary Seal Above
My Commission Expires: May 14, 2013	

Date: 4/9/2014 By: Jeremy D. WALKER
State of California
State of <u>California</u> )  ss.  County of <u>Alameda</u> )
On Jone 09, 2017, before me, Angela Brunetta Murray, Notary Public, personally appeared Jeremy Daniel Walker,
Notary Public, personally appeared Jeremy Danie Walker,
who 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.
I certify under PENALTY OF PERJURY under the laws of the State of California that
the foregoing paragraph is true and correct.
WITNESS my hand and official seal.  WITNESS my hand and official seal.  ANGELA BRUNETTA MURRAY!  COMM. #2021777 **  Notary Public - California **  Notary P
Alameda County  Angelo Brace the Marroy  My Comm. Expires May 14, 2017
Signature of Notary Public Place Notary Seal Above
8.5 7
My Commission Expires: Mcy 14, 2013

Date: 6-4-10(4 By:		
Kenneth P. ARON		
State of California		
State of <u>California</u> )  Ss.  County of <u>Alameda</u> )		
On June 09, 2014, before me, Angela Brunetta Murray,		
On June 09, 2014, before me, Angela Brunetta Murray, Notary Public, personally appeared Kenneth Paul Aron,		
who 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.		
I certify under PENALTY OF PERJURY under the laws of the State of California that		
the foregoing paragraph is true and correct.		
WITNESS my hand and official seal.  WITNESS my hand and official seal.  Notary Public • California		
Angela Brunetta Murcy My Comm. Expires May 14, 2017		
Signature of Notary Public Place Notary Seal Above		
My Commission Expires: $4 - 14$ , $2019$		

Date: 6/9/14 By: 1005 M. Bled
Dennis M. BLEILE
State of California )  ss.  Country of Ada and a
County of Alameda )
On June 09, 2014, before me, Angela Brosetta Marray,
Notary Public, personally appeared Dennis Mark Bleile
who 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.
I certify under PENALTY OF PERJURY under the laws of the State of California that
the foregoing paragraph is true and correct.
WITNESS my hand and official seal.  WITNESS my hand and official seal.  ANGELA BRUNETTA NURRAY!  COMM. #2021777  Notary Public - California
TWO Stammed County -
angela Broneth Murray
Signature of Notary Public Place Notary Seal Above
My Commission Expires: 14, 2017

Date: 4/9/14	By:	UNUSTINETULESUS
	•	Cristina R. CUESICO
G. C. C. C. C. C.		
State of <u>California</u>		
State of <u>California</u> )  County of <u>Alameda</u> )  ss.		
On June 09, 2014, bet	fore me,	Angela Brunetta Murray,
Notary Public, personally appeared	Maria	Cristing R. Cuesico,
who proved to me on the basis of sat	isfactory	evidence, to be the person(s) whose
name(s) is/are subscribed to the with	in instru	nent and acknowledged to me that
he/she/they executed the same in his/l	ner/their	authorized capacity(jes), and that by
his/her/their signature(s) on the instrum	ent the pe	erson(s); or the entity upon behalf of
which the person(s) acted, executed the ir	ıstrument.	
I certify under PENALTY OF PERJUR	Y under th	he laws of the State of California that
the foregoing paragraph is true and correc	et.	
WITNESS my hand and official seal.		ANGELA BRUNETTA MURRAY
		Notary Public - California
angela Brunett Murray ~		Wy Comm. Expires May 14, 2017
Signature of Notary Public		Place Notary Seal Above
. 5		
My Commission Expires: May 14	2017	<del>-</del>

Date: 6/9/2014 State of California

County of Alameda On June 09, 2014, before me, Angela Brusetta Musey, Notary Public, personally appeared Timothy Patrick Forsyth who 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. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal. Signature of Notary Public Place Notary Seal Above My Commission Expires:  $\sqrt{\gamma_{ay}}$   $\sqrt{\gamma_{y}}$   $\sqrt{2019}$ 

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PATENT REEL: 040718 FRAME: 0099

**RECORDED: 12/13/2016**