

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3878584

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KUNLIANG ZHANG	03/31/2016
RUHANG DING	03/31/2016
MIN LI	03/31/2016
WENYU CHEN	03/31/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HEADWAY TECHNOLOGIES, INC.
<b>Street Address:</b>	678 SOUTH HILLVIEW DRIVE
<b>City:</b>	MILPITAS
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95035
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15098913
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(845)471-2064
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	HT15-020
<b>NAME OF SUBMITTER:</b>	STEPHEN B ACKERMAN
<b>SIGNATURE:</b>	/Stephen B Ackerman/
<b>DATE SIGNED:</b>	05/18/2016
<b>Total Attachments: 2</b>	
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source=HT15-020_Assignment#page2.tif	

For ☒ U.S. and/or ☒ Foreign Rights  
 For ☒ Application or ☐ U.S. Patent  
 By ☒ Inventor(s) or ☐ Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,  
**ASSIGNOR:**

**KUNLIANG ZHANG**

Type or print name of ASSIGNOR

46068 PASEO PADRE PKWY

Street Address

Fremont, CA 94539

City, State, Country, Zip

P. R. China

Nationality

**RUHANG DING**

Type or print name of ASSIGNOR

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**WENYU CHEN**

Type or print name of ASSIGNOR

2642 Villa Contona Way

Street Address

San Jose, CA 95125

City, State, Country, Zip

P. R. China

Nationality

hereby sells, assigns and transfers to

**ASSIGNEE:****Headway Technologies, Inc.****678 S. Hillview Drive****Milpitas, CA 95035****USA**

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest

☐ an undivided \_\_\_\_\_ percent (\_\_\_\_%) interest for the United States and its territorial possessions  
 (check the following box if foreign rights are also to be assigned)

☒ and in all foreign countries

in and to any and all improvements which are disclosed in the invention entitled:

**A Novel Composite Seed Layer**

and which is found in

- ☒ (a) U.S. patent application executed on even date herewith
- ☐ (b) U.S. patent application executed on \_\_\_\_\_
- ☐ (c) U.S. application serial no. \_\_\_\_\_ filed on \_\_\_\_\_
- ☐ (d) U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_  
(also check (e) if foreign application(s) is also being assigned)
- ☒ (e) and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I / We have signed

**WARNING** Date of signing must be the same as the date of execution of the application if item (a) was checked above.

	03/31/2016
Signature of ASSIGNOR	Date of Signing
	03/31/2016
Signature of ASSIGNOR	Date of Signing
	03/31/2016
Signature of ASSIGNOR	Date of Signing
	3/31/2016
Signature of ASSIGNOR	Date of Signing

If ASSIGNOR is a legal entity complete the following information

\_\_\_\_\_  
type or print the name of the above person authorized to sign on behalf of ASSIGNOR

\_\_\_\_\_  
Title

Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized then it will only be prima facie evidence (35 USC 261). Use next page if notarization is desired.

\_\_\_Notarization of Legalization Page Added.