

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSH MATTHEWS	12/01/2014
RONAK SHAH	12/02/2014
DAVID TEITELBAUM	12/03/2014
KEVIN KING	12/02/2014
DANIEL JOYCE	12/02/2014
DAVID PERENIC	12/01/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	APKUDO, LLC
<b>Street Address:</b>	3500 BOSTON STREET
<b>Internal Address:</b>	SUITE 333, MS-48
<b>City:</b>	BALTIMORE
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	21224
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15294546
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)770-7901
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<b>Phone:</b>	7037707900
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<b>Correspondent Name:</b>	PILLSBURY WINTHROP SHAW PITTMAN, LLP
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<b>Address Line 4:</b>	MCLEAN, VIRGINIA 22102
<b>ATTORNEY DOCKET NUMBER:</b>	023523-0448986
<b>NAME OF SUBMITTER:</b>	NGAI ZHANG
<b>SIGNATURE:</b>	/Ngai Zhang/
<b>DATE SIGNED:</b>	10/18/2016

**Total Attachments: 4**

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ASSIGNMENT

WHEREAS, Josh MATTHEWS, a citizen of Australia, residing at 701 S. Robinson, Baltimore, Maryland 21224; Bonak ~~SHAW~~ <sup>Shaw, R.S. 12/28/14</sup>, a citizen of the United States of America, residing at 1444 Battery Avenue, Baltimore, Maryland 21230; David TEITELBAUM, a citizen of the United States of America, residing at 315 Gadwell Ct., Havre de Grace, Maryland 21028; Kevin KING, a citizen of the United States of America, residing at 206 Laurens St., Apt. #1, Baltimore, Maryland 21217; Daniel JOYCE, a citizen of the United States of America, residing at 7898 James Ave., Ellicott City, Maryland 21043; and David PERENIC, a citizen of the United States of America, residing at 420 S. East Ave., Baltimore, Maryland 21224 (hereinafter "Assignors"), have made an invention entitled:

**"ROBOTIC TESTING DEVICE AND METHOD FOR MORE CLOSELY EMULATING HUMAN MOVEMENTS DURING ROBOTIC TESTING OF MOBILE DEVICES"**

described in a United States Patent Application, the specification of which is attached hereto, and

WHEREAS, Apkuda, LLC (hereinafter "Assignee"), a corporation having a place of business at 3500 Boston Street, Suite 333 MS-48, Baltimore, Maryland 21224, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention, application and all Letters Patent of the United States or any foreign country, including continuations, continuations-in-part, reissues, reexaminations, extensions, substitutes and divisions which may be granted therefor;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said Assignors, by these presents do sell, assign and transfer unto Assignee, its successors, legal representatives and assigns, the full and exclusive right in and to the said invention as described in the said United States Patent Application, and in and to any Letters Patent of the United States or any foreign country, including continuations, continuations-in-part, reissues, reexaminations, extensions, substitutes and divisions which may be granted therefor and all rights to claim priority on the basis of said application;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks or any other proper officer or agency of any country to issue all said Letters Patent to said Assignee;

AND WE HEREBY warrant and covenant that we have the full right to convey the entire interest herein assigned and that we have not executed and will not execute any instrument or assignment in conflict herewith,

AND WE HEREBY agree to communicate to said Assignee or its representatives any facts known to us respecting said invention, to execute all divisional, continuation, reissue, reexamination, extension, substitute and foreign applications, sign all lawful documents and make all rightful oaths and declarations relating to said invention, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors, legal representatives or assigns, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the said Assignee to obtain and enforce said Letters Patent in the United States or any foreign country when requested so to do by said Assignee.


(1) Signature of Inventor:  
Inventor's Name:

  
Josh MATTHEWS

Date of Execution:

12/1/14

(2) Signature of Inventor:  
Inventor's Name:

  
Ronak SHAW Ronak Shah RS 12/2/14

Date of Execution:

12/2/14

(3) Signature of Inventor:  
Inventor's Name:

David TEITELBAUM

Date of Execution:

(4) Signature of Inventor:  
Inventor's Name:

  
Kevin KING

Date of Execution:

2 Dec 2014

AND WE HEREBY warrant and covenant that we have the full right to convey the entire interest herein assigned and that we have not executed and will not execute any instrument or assignment in conflict herewith;

AND WE HEREBY agree to communicate to said Assignee or its representatives any facts known to us respecting said invention, to execute all divisional, continuation, reissue, reexamination, extension, substitute and foreign applications, sign all lawful documents and make all rightful oaths and declarations relating to said invention, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors, legal representatives or assigns, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the said Assignee to obtain and enforce said Letters Patent in the United States or any foreign country when requested so to do by said Assignee.

(1) Signature of Inventor:  
Inventor's Name:

\_\_\_\_\_  
Josh MATTHEWS

Date of Execution:

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(2) Signature of Inventor:  
Inventor's Name:

\_\_\_\_\_  
Ronak SHAW

Date of Execution:

\_\_\_\_\_

(3) Signature of Inventor:  
Inventor's Name:



\_\_\_\_\_  
David TEITELBAUM

Date of Execution:

\_\_\_\_\_  
12/03/2014

(4) Signature of Inventor:  
Inventor's Name:

\_\_\_\_\_  
Kevin KING

Date of Execution:

\_\_\_\_\_

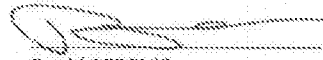
(5) Signature of inventor:  
Inventor's Name:

  
Daniel JOYCE

Date of Execution:

12/2/2014

(6) Signature of inventor:  
Inventor's Name:

  
David PERENIC

Date of Execution:

12/01/2014