**PATENT ASSIGNMENT COVER SHEET**

**SUBMISSION TYPE:** NEW ASSIGNMENT  
**NATURE OF CONVEYANCE:** ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>RICHARD A. BAUM</td>
<td>09/04/2015</td>
</tr>
<tr>
<td>ANN NELSON BIBBEE</td>
<td>07/24/2015</td>
</tr>
<tr>
<td>TIMOTHY PATRICK BRESNAN</td>
<td>09/04/2015</td>
</tr>
<tr>
<td>JOHN GIGANTI</td>
<td>09/23/2015</td>
</tr>
<tr>
<td>ANDREW HUO</td>
<td>09/04/2015</td>
</tr>
<tr>
<td>HARRY TODD SHOCKEY</td>
<td>09/04/2015</td>
</tr>
</tbody>
</table>

### RECEIVING PARTY DATA

- **Name:** RYFT SYSTEMS, INC.  
- **Street Address:** 7362 CALHOUN PLACE  
- **City:** ROCKVILLE  
- **State/Country:** MARYLAND  
- **Postal Code:** 20855

### PROPERTY NUMBERS Total: 1

<table>
<thead>
<tr>
<th>Property Type</th>
<th>Number</th>
</tr>
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<tbody>
<tr>
<td>Application Number</td>
<td>14213903</td>
</tr>
</tbody>
</table>

### 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.**  
- **Phone:** (703) 456-8000  
- **Email:** jdrake@cooley.com  
- **Correspondent Name:** COOLEY LLP  
- **Address Line 1:** 1299 PENNSYLVANIA AVENUE NW, SUITE 700  
- **Address Line 4:** WASHINGTON, D.C. 20004

### ATTORNEY DOCKET NUMBER:

- DADC-003/01US 314895-2012

### NAME OF SUBMITTER:

- JEREMY D. BINSTOCK

### SIGNATURE:

/Jeremy Binstock/

### DATE SIGNED:

- 10/08/2015

**Total Attachments:** 12
ASSIGNMENT

Richard A. BAUM, residing at 720 Wilson Avenue, Rockville, MD 20850, Ann Nelson BIBBEE, residing at 2860 Spring Chapel Court, Herndon, VA 20171, Timothy Patrick BRESNAN, residing at 1720 Fawn Way, Finksburg, MD 21048, John GIGANTI, residing at 9036 Holsey Road, Damascus, MD 20872, Andrew HUO, residing at 4908 Erter Drive, Rockville, MD 20852, Thuy-Tien Thi NGUYEN, residing at 701 N. Oakland Street, Arlington, VA 22203, Harry Todd SHOCKEY, residing at 3222 Kimberly Drive, Mount Airy, MD 21771, and Peter Reza WIHL, residing at 5611 Alta Vista Road, Bethesda, MD 20817 (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 METHODS AND APPARATUS FOR A TABLET COMPUTER SYSTEM INCORPORATING A REPROGRAMMABLE CIRCUIT MODULE, 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) ☑ bearing Application No. 14/213,903, and filed on March 14, 2014; and/or

(3) □ PCT application
(a) □ bearing Application No. , and filed on .

WHEREAS, Ryft Systems, Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 7362 Calhoun Place, Rockville, MD 20855 (the “Assignee”), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) 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(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover damages, including royalties, for prior infringements of these application(s); and any patent(s) 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(s) 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, and all rights of claiming priority in any country of the world;

(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified in paragraph (1), (2) and/or (3) or any application(s) for patent claiming the Invention(s), including any substitute application(s), division(s), continuation(s), and continuation(s)-in-part;

(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), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, 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, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

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 application(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, Inter partes reviews, supplemental examinations, etc.) without charge to the Assignee, 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(s) 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.
State of Maryland

County of Montgomery

On September 4, 2015 before me, Sima Pyatkov, Notary Public, personally appeared Richard A. Baum, 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.

WITNESS my hand and official seal.

Sima Pyatkov

Signature of Notary Public

Place Notary Seal Above

My Commission Expires: October 15, 2017
Date: 7/24/15

By: Ann Nelson BIBBEE

State of Maryland

County of Montgomery

On July 24, 2015, before me, Sima Pyatkov, Notary Public, personally appeared Ann Nelson Bibbee, 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.

WITNESS my hand and official seal.

Sima Pyatkov

Signature of Notary Public

Place Notary Seal Above

My Commission Expires: October 15, 2017
State of Maryland

County of Montgomery ss.

On September 4, 2012, before me, Sima Pyatkov, Notary Public, personally appeared Timothy Patrick Bresnan, 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.

WITNESS my hand and official seal.

Sima Pyatkov

Signature of Notary Public

Place Notary Seal Above

My Commission Expires: October 15, 2017
State of Maryland

County of Montgomery

On September 23, 2015, before me, Saul Balderrama, Notary Public, personally appeared John Giganti, 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.

WITNESS my hand and official seal.

Saul Balderrama
NOTARY PUBLIC
Montgomery County, Maryland
My Commission Expires April 21, 2017

Signature of Notary Public

Place Notary Seal Above

My Commission Expires: April 21, 2017
State of Maryland )

County of Montgomery ) ss.

On September 4, 2015 before me, SIMA PYATKOV, Notary Public, personally appeared Andrew HUO, 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.

WITNESS my hand and official seal.

[Signature]

Signature of Notary Public

Place Notary Seal Above

My Commission Expires: October 15, 2017
Date: __________________________  By: __________________________

Thuy-Tien Thi NGUYEN

State of __________________________

) s.s.

County of __________________________

On __________________________, before me, __________________________,

Notary Public, personally appeared __________________________,

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.

WITNESS my hand and official seal.

________________________________________

Signature of Notary Public  Place Notary Seal Above

My Commission Expires: __________________________
Date: 9/04/2015

By: [Signature]
Harry Todd SHOCKEY

State of Maryland
County of Montgomery

On September 4, 2015, before me, Sina Pyatkov, Notary Public, personally appeared Harry Todd Shockey, 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.

WITNESS my hand and official seal.

[Signature]
Signature of Notary Public

Place Notary Seal Above

My Commission Expires: October 15, 2017
Date: ________________________  By: ________________________

Peter Reza WIHL

State of ________________________
County of ________________________

On ________________________, before me, ________________________,
Notary Public, personally appeared ________________________,
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.

WITNESS my hand and official seal.

__________________________________________
Signature of Notary Public

Place Notary Seal Above

My Commission Expires: ______________________
Date: 10/05/2015  By: [Signature]
Name: KATHLEEN WAKEMAN  
Title: COO  
Company: Ryft Systems, Inc.

State of Maryland ss.
County of Montgomery

On October 5th, 2015, before me, SIMA PYATKOV, Notary Public, personally appeared KATHLEEN WAKEMAN, 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.

WITNESS my hand and official seal.

[Signature] Sima Pyatkov

Signature of Notary Public  Place Notary Seal Above

My Commission Expires: October 15, 2017

Sima Pyatkov  
Notary Public  
Montgomery County  
Maryland  
My Commission Expires Oct. 15, 2017