

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM489013

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	Security Agreement		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Penguin Computing, Inc.		09/06/2018	Corporation: CALIFORNIA
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Barclays Bank PLC		
<b>Street Address:</b>	745 Seventh Avenue		
<b>City:</b>	New York		
<b>State/Country:</b>	NEW YORK		
<b>Postal Code:</b>	10019		
<b>Entity Type:</b>	Bank: UNITED KINGDOM		
<b>PROPERTY NUMBERS Total: 9</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	5160895	ARCTICA	
<b>Registration Number:</b>	5324430	TUNDRA	
<b>Registration Number:</b>	4713477	SCYLD HPC CLOUD APPLIANCE	
<b>Registration Number:</b>	3295523	SCYLD CLUSTERWARE	
<b>Registration Number:</b>	3191015	ALTUS	
<b>Registration Number:</b>	3020647	RELION	
<b>Registration Number:</b>	3045408	NIVEUS	
<b>Registration Number:</b>	2596628	PENGUIN COMPUTING	
<b>Registration Number:</b>	2596578	PENGUIN COMPUTING	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	8009144240		
<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>			
<b>Phone:</b>	800-713-0755		
<b>Email:</b>	Michael.Violet@wolterskluwer.com, ECarrera@cahill.com		
<b>Correspondent Name:</b>	CT Corporation		
<b>Address Line 1:</b>	4400 Easton Commons Way		
<b>Address Line 2:</b>	Suite 125		
<b>Address Line 4:</b>	Columbus, OHIO 43219		
<b>NAME OF SUBMITTER:</b>	Elaine Carrera		

OP \$240.00 5160895

<b>SIGNATURE:</b>	/Elaine Carrera/
<b>DATE SIGNED:</b>	09/07/2018
<b>Total Attachments: 5</b> source=SMART - Penguin Trademark Security Agreement#page1.tif source=SMART - Penguin Trademark Security Agreement#page2.tif source=SMART - Penguin Trademark Security Agreement#page3.tif source=SMART - Penguin Trademark Security Agreement#page4.tif source=SMART - Penguin Trademark Security Agreement#page5.tif	

### RECORDATION FORM COVER SHEET TRADEMARKS ONLY

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies):**

Penguin Computing, Inc.

- Individual(s)
- Partnership
- Corporation- State: CA
- Other \_\_\_\_\_

- Association
- Limited Partnership

Citizenship (see guidelines) USA

Additional names of conveying parties attached?  Yes  No

**3. Nature of conveyance/Execution Date(s) :**

Execution Date(s) September 6, 2018

- Assignment
- Security Agreement
- Other \_\_\_\_\_
- Merger
- Change of Name

**2. Name and address of receiving party(ies)**

Additional names, addresses, or citizenship attached?  Yes  No

Name: Barclays Bank PLC

Street Address: 745 Seventh Avenue

City: New York

State: NY

Country: USA Zip: 10019

- Individual(s) Citizenship \_\_\_\_\_
- Association Citizenship \_\_\_\_\_
- Partnership Citizenship \_\_\_\_\_
- Limited Partnership Citizenship \_\_\_\_\_
- Corporation Citizenship \_\_\_\_\_
- Other Bank Citizenship United Kingdom

If assignee is not domiciled in the United States, a domestic representative designation is attached:  Yes  No  
(Designations must be a separate document from assignment)

**4. Application number(s) or registration number(s) and identification or description of the Trademark.**

A. Trademark Application No.(s) Text

B. Trademark Registration No.(s)

See Schedule I

See Schedule I

Additional sheet(s) attached?  Yes  No

**C. Identification or Description of Trademark(s) (and Filing Date if Application or Registration Number is unknown):**

**5. Name & address of party to whom correspondence concerning document should be mailed:**

Name: Elaine Carrera, Legal Assistant

Internal Address: \_\_\_\_\_

Street Address: c/o Cahill Gordon & Reindel LLP  
80 Pine Street

City: New York

State: NY Zip: 10005

Phone Number: (212) 701-3365

Docket Number: \_\_\_\_\_

Email Address: ecarrera@cahill.com

**6. Total number of applications and registrations involved:**

9

**7. Total fee (37 CFR 2.6(b)(6) & 3.41) \$ \_\_\_\_\_**

- Authorized to be charged to deposit account
- Enclosed

**8. Payment Information:**

Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

Elaine Carrera

Signature

September 7, 2018

Date

Elaine Carrera

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

5

TRADEMARK SECURITY AGREEMENT dated as of September 6, 2018 (this "Agreement"), among Penguin Computing, Inc. (the "Grantor") and Barclays Bank PLC, as administrative agent (in such capacity, the "Administrative Agent").

Reference is made to (a) the Credit Agreement dated as of August 26, 2011 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement"), among SMART Modular Technologies (Global Memory Holdings), Inc., a Cayman Islands exempted company ("Holdings"), SMART Modular Technologies (Global), Inc., a Cayman Islands exempted company (the "Parent Borrower"), SMART Modular Technologies, Inc., a California corporation (the "Co-Borrower" and together with the Parent Borrower, the "Borrowers" and each a "Borrower"), the lenders from time to time party thereto (the "Lenders") and the Administrative Agent and (b) the Collateral Agreement dated as of August 26, 2011 (as amended, supplemented or otherwise modified from time to time, the "Collateral Agreement"), among the Borrowers, the other grantors from time to time party thereto and the Administrative Agent. The Lenders and the Issuing Banks have agreed to extend credit to the Borrowers subject to the terms and conditions set forth in the Credit Agreement. The Grantor is an Affiliate of the Borrowers and is willing to execute and deliver this Agreement in order to induce the Lenders to make additional Loans and the Issuing Banks to issue additional Letters of Credit and as consideration for Loans previously made and Letters of Credit previously issued. Accordingly, the parties hereto agree as follows:

SECTION 1. Terms. Capitalized terms used in this Agreement and not otherwise defined herein have the meanings specified in the Collateral Agreement or the Credit Agreement, as applicable. The rules of construction specified in Section 1.01(b) of the Collateral Agreement also apply to this Agreement.

SECTION 2. Grant of Security Interest. As security for the payment or performance, as the case may be, in full of the Secured Obligations, the Grantor hereby grants to the Administrative Agent, its successors and assigns, for the benefit of the Secured Parties, a security interest (the "Security Interest") in all of such Grantor's right, title and interest in, to and under any Trademarks now owned or at any time hereafter acquired by such Grantor, including those listed on Schedule I (the "Trademark Collateral").

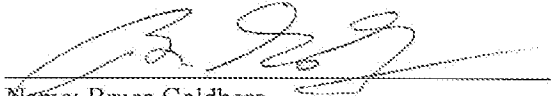
SECTION 3. Collateral Agreement. The Security Interest granted to the Administrative Agent herein is granted in furtherance, and not in limitation, of the security interests granted to the Administrative Agent pursuant to the Collateral Agreement. The Grantor hereby acknowledges and affirms that the rights and remedies of the Administrative Agent with respect to the Trademark Collateral are more fully set forth in the Collateral Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the Collateral Agreement, the terms of the Collateral Agreement shall govern.

SECTION 4. Counterparts. This Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original but all of which when taken together shall constitute a single contract. Delivery of an executed signature page to this Agreement by facsimile or other electronic transmission shall be effective as delivery of a manually signed counterpart of this Agreement.

[Remainder of this page intentionally left blank]

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

PENGUIN COMPUTING, INC.,

By:   
Name: Bruce Goldberg  
Title: Vice President, Chief Legal Officer, Chief  
Compliance Officer and Secretary

BARCLAYS BANK PLC, as Administrative Agent

By: Robert Walsh

Name:

Title:

**Robert Walsh**  
Assistant Vice President

Schedule I

Mark	Serial No.	Reg. No.
ARCTICA	87130623	5160895
TUNDRA	86813186	5324430
SCYLD HPC CLOUD APPLIANCE	86121370	4713477
SCYLD CLUSTERWARE	78832849	3295523
ALTUS	78495020	3191015
RELION	78495068	3020647
NIVEUS	78495052	3045408
PENGUIN COMPUTING	75794495	2596628
PENGUIN COMPUTING	75729624	2596578