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TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 ETAS ID: TM331761

Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:SECURITY INTEREST

CONVEYING PARTY DATA

| Name | Formerly | Execution Date | Entity Type |
|----------------|----------|----------------|-----------------------|
| Phunware, Inc. | | 12/21/2012 | CORPORATION: DELAWARE |

RECEIVING PARTY DATA

| Name: | BRIDGE BANK, NATIONAL ASSOCIATION | | |
|-------------------|---|--|--|
| Street Address: | 55 Almaden Boulevard, Suite 100 | | |
| Internal Address: | Attn: Mike Field | | |
| City: | SAN JOSE | | |
| State/Country: | CALIFORNIA | | |
| Postal Code: | 95113 | | |
| Entity Type: | National Banking Association: UNITED STATES | | |

PROPERTY NUMBERS Total: 2

| Property Type | Number | Word Mark | |
|----------------|----------|------------------------|--|
| Serial Number: | 86176766 | THE SOFTWARE OF THINGS | |
| Serial Number: | 85983562 | PHUNWARE | |

CORRESPONDENCE DATA

Fax Number: 8586385130

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: 858-677-1400

Email: susan.reynholds@dlapiper.com

Correspondent Name: DLA Piper LLP (US)

Address Line 1:4365 Executive Drive, Suite 1100Address Line 4:San Diego, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER: 355157-186

NAME OF SUBMITTER: Troy Zander

SIGNATURE: /s/ Troy Zander

DATE SIGNED: 02/10/2015

Total Attachments: 6 source=IPSA#page1.tif source=IPSA#page2.tif source=IPSA#page3.tif

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of December 21, 2012, (the "Agreement") between BRIDGE BANK, NATIONAL ASSOCIATION ("Bank") and PHUNWARE, INC. ("Grantor") is made with reference to the Loan and Security Agreement, dated as of December 21, 2012 (as amended from time to time, the "Loan Agreement"), between Bank and Grantor. Terms defined in the Loan Agreement have the same meaning when used in this Agreement.

For good and valuable consideration, receipt of which is hereby acknowledged, Grantor hereby covenants and agrees as follows:

To secure the Obligations under the Loan Agreement, Grantor grants to Bank a security interest in all right, title, and interest of Grantor in any of the following, whether now existing or hereafter acquired or created in any and all of the following property (collectively, the "Intellectual Property Collateral"):

- (a) copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held (collectively, the "Copyrights"), including the Copyrights described in Exhibit A;
- (b) trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Borrower connected with and symbolized by such trademarks (collectively, the "Trademarks"), including the Trademarks described in Exhibit B;
- (c) patents, patent applications and like protections including without limitation improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same (collectively, the "Patents"), including the Patents described in Exhibit C;
- (d) mask work or similar rights available for the protection of semiconductor chips or other products (collectively, the "Mask Works");
- (e) trade secrets, and any and all intellectual property rights in computer software and computer software products;
 - (f) design rights;
- (g) claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;
- (h) licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works, and all license fees and royalties arising from such use to the extent permitted by such license or rights;
- (i) amendments, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and
- (j) proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

The rights and remedies of Bank with respect to the security interests granted hereunder are in addition to those set forth in the Loan Agreement, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to

every right, power or remedy provided for herein, and the exercise by Bank of any one or more of such rights, powers or remedies does not preclude the simultaneous or later exercise by Bank of any other rights, powers or remedies.

Bank agrees to release its security interest in the Intellectual Property Collateral when it releases its lien in the Collateral in accordance with the terms of the Loan Agreement.

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IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

GRANTOR:

PHUNWARE, IX

Name A KANE

Title:

Address for Notices:

Attn: Alan Kane, CFO

7800 Shoal Creek Blvd, Suite 210W

Austin, TX 78757 Fax: (512) 670-6035 BANK:

BRIDGE BANK, NATIONAL ASSOCIATION

State of the state

Title: ANP-RELATIONSHIP MANAGER

Address for Notices:

Attn: Mike Field

55 Almaden Boulevard, Suite 100

San Jose, California 95113

Tel: (408) 556-6501 Fax:(408) 282-1681

[Signature Page to Intellectual Property Security Agreement]

- Legen

EXHIBIT A

COPYRIGHTS

Please Check if No Copyrights Exist

| Type of Work: | Title: | International Standard Serial Number (ISSN): | Registration Number: | Filing Date: | Pre - registered? |
|---------------|--------|--|-------------------------|-----------------|-------------------|
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Exhibit B TRADEMARKS

Please Check if No Trademarks Exist \square

| Mark / Title: | U.S. Serial Number: | U.S. Registration | USPTO Reference | Filing Date: |
|--------------------------|---------------------|-------------------|-----------------|--------------|
| | | Number: | Number: | |
| P | 85570625 | 4229728 | | 3/15/12 |
| PHUNWARE | 85570612 | N/A | | 3/15/12 |
| PHUNDEALS | 85256905 | 4143648 | | 3/3/11 |
| P W | 85570618 | N/A | | 3/15/12 |
| GOTV | 78583177 | 3298982 | | 3/8/05 |
| DIVA | 78737963 | 3432890 | | 10/21/05 |
| POCKETSHARE | 77765048 | 4060441 | | 6/22/09 |
| TRUE COUNTRY | 77803340 | 3783790 | | 5/4/10 |
| LIVE FROM YOU | 77743172 | 3725473 | | 12/15/09 |
| LIVE FROM YOU | 77743157 | 3760294 | | 3/16/10 |
| PRAISE | 77766654 | 3951482 | | 6/23/09 |
| PHLAMEWARE | 77765064 | 3951479 | | 6/22/09 |
| HIP HOP OFFICIAL | 77187661 | 3535955 | | 11/25/08 |
| HIP HOP OFFICIAL | 77187655 | 3465603 | | 5/22/07 |
| ES MUSICA | 77187477 | 3517364 | | 5/22/07 |
| ES MUSICA | 77187465 | 3635876 | | 5/22/07 |
| PHUNWARE | 85946878 | N/A | | 5/30/13 |
| PHUNWARE | 85946877 | N/A | | 5/30/13 |
| PHUNWARE | 85946868 | N/A | | 5/30/13 |
| PHUNWARE | 85946872 | N/A | | 5/30/13 |
| PHUNWARE | 85946864 | N/A | | 5/30/13 |
| TAPIT BY PHUNWARE | 85946861 | N/A | | 5/30/13 |
| TAPIT! BY PHUNWARE PW | 85946857 | N/A | | 5/30/13 |
| TAPIT | 85946855 | N/A | | 5/30/13 |
| TAPIT.COM | 85311624 | 4123079 | | 5/4/11 |
| TAPIT! | 85303800 | 4148896 | | 4/25/11 |
| THE SOFTWARE OF THINGS | 86176766 | N/A | | 1/27/14 |
| PHUNWARE | 85983562 | N/A | | 5/30/13 |

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EXHIBIT C

PATENTS

Please Check if No Patents Exist \square

| Title: | Patent Number: | Application Serial Number: | Issued or Published? | Issue Date: |
|---|----------------|----------------------------|----------------------|-------------|
| Systems and methods for enterprise branded applications frameworks for mobile and other environments | N/A | 13033526 | Published | |
| Methods and systems for interactive user interface objects | N/A | 13076370 | Published | |
| Server method and system for executing applications on a wireless device | 8271579 | 12098670 | Issued | 9/18/12 |
| Server method and system for rendering content on a wireless device | 8103865 | 11888799 | Issued | 1/24/12 |
| Client-side wireless communications link support for mobile handheld devices | 8060594 | 11977212 | Issued | 11/15/11 |
| Server-side wireless communications link support for mobile handheld devices | 8009619 | 11977319 | Issued | 8/30/11 |
| Server method and system for executing applications on a wireless device | 8560601 | 13440240 | Issued | 10/15/13 |
| Server method and system for rendering content on a wireless device | 8478245 | 11888803 | Issued | 7/2/13 |
| Method and system for rendering content on a wireless device | N/A | 13865987 | Published | 4/18/13 |
| Geo-fence entry and exit notification system | N/A | 14322331 | Published | 7/2/14 |
| Systems and Methods for Enterprise Branded Application Frameworks for Mobile and Other Environments | N/A | 14336960 | Published | 7/21/14 |

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RECORDED: 02/10/2015