

FORM PTO-1595

(Rev. 08/05)

Office OMB No. 0651-0027 (exp. 06/30/2008)

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

United States Patent and Trademark

## PATENTS 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):

Silicon Valley Bank  
3003 Tasman Drive  
Santa Clara, CA 95054

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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

Execution Date: 10/08/2015

- ☐ Assignment      ☐ Merger  
☐ Security Agreement      ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☒ Other: RELEASE

## 2. Name and address of receiving party(ies):

Name: Bidgefy Inc.

Internal Address:

Street Address: 298 S Sunnyvale Ave. No. 205

City: Sunnyvale

State: CA

Country: USA Zip: 94036

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

13366850 13870838 14159058

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: UCC Direct

Internal Address: Attn: 14080632

Street Address: 187 Wolf Road, Suite 101

City: Albany

State: NY

Zip: 12205

Phone Number: 1-800-342-3676 X 4065

Fax Number: 1-800-962-7049

Email Address: cfs-uds@albanys.wolterskluwer.com

## 6. Total number of applications and patents involved: 3

7. Total fee (37 CFR 1.21 (h) &amp; 3.41) \$ 120.00

- ☒ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

## 8. Payment Information

a. Credit Card

Last 4 Numbers

0974

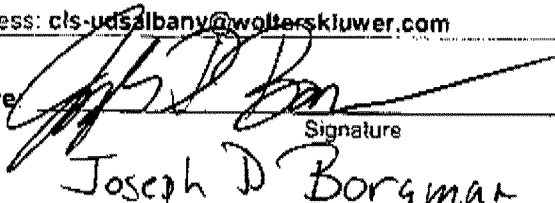
Expiration Date

6/17

b. Deposit Account Number

Authorized User Name

## 9. Signature



Signature

Joseph D. Borgman

Name of Person Signing

10-29-15

Date

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

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 037007 FRAME: 0614

**RELEASE OF SECURITY AGREEMENT COVERING  
INTERESTS IN PATENTS**

**Silicon Valley Bank** ("Secured Party"), hereby releases its security interest in the interests of **Bidgely Inc.** ("Assignor") in the **patented** works set forth in that certain **Intellectual Property Security Agreement** dated 10/21/2014, executed by Assignor in favor of Secured Party recorded with the United States Department of Commerce, Patent and Trademark Office on 10/22/2014, Reel 34035, Frame 183

Dated: **10/08/2015**

**SILICON VALLEY BANK**

By: 

Name: **Mike Jordan**

Title: **Senior Operations Manager**



# Assignment Details

## **34035-183: SECURITY AGREEMENT**

Date Recorded  
Oct 22, 2014

Reel/Frame  
34035-183

Pages  
10

### **Assignor**

BIDGELY INC, Oct 21, 2014

### **Assignee**

SILICON VALLEY BANK  
3003 TASMAN DRIVE  
SANTA CLARA, CALIFORNIA UNITED STATES OF AMERICA USA 95054

### **Correspondent**

UCC DIRECT  
ATTN: 14080632  
187 WOLF ROAD, SUITE 101  
ALBANY, NY 12205

### **Properties (3 total)**

Title	Application	Publication	Patent	International Registration Number	PCT
SYSTEMS AND METHODS FOR IMPROVING THE ACCURACY OF APPLIANCE LEVEL DISAGGREGATION IN NON-INTRUSIVE APPLIANCE LOAD MONITORING TECHNIQUES Inventors: ABHAY GUPTA, VIVEK GARUD, URI RODNEY, SUBODH BAPAT	13366850 Feb 6, 2012	20130110621 May 2, 2013			
Energy Disaggregation Techniques for Low Resolution Whole- House Energy Consumption Data Inventors: Abhay Gupta, Alaa Kharbouch, Vivek Garud, Hsien-Ting Cheng	13870838 Apr 25, 2013	20130289788 Oct 31, 2013			
Applications of Non- Intrusive Load Monitoring and Solar Energy Disaggregation Inventors: Abhay Gupta, Ye He, Vivek Garud, Hsien-Ting Cheng, Raul Mohan	14159058 Jan 20, 2014	20140207298 Jul 24, 2014			

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PATENT

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF

United States Patent and Trademark Office

## 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):

BIDGELY INC.  
298 S. SUNNYVALE AVE  
SUNNYVALE, CA 94036☐ Individual(s)☐ Association☐ General Partnership☐ Limited Partnership☒ Corporation-State: DE☐ OtherAdditional name(s) of conveying parties attached? ☐ Yes ☒ No

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

Execution Date(s): 10/21/2014

☐ Assignment☐ Merger☒ Security Agreement☐ Change of Name☐ Other:

## 2. Name and address of receiving party(ies):

Additional name(s) of conveying parties attached? ☐ Yes ☒ No

Name: SILICON VALLEY BANK

Internal Address:

Street Address: 3003 TASMAN DRIVE

City: SANTA CLARA

State: CA

Country: USA

Zip: 95054

☐ Association Citizenship☐ General Partnership Citizenship☐ Limited Partnership Citizenship☒ Corporation Citizenship: United States, CA☐ Other CitizenshipIf 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)

B6262414

B. Trademark Registration No.(s)

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

Additional sheets attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: UCC Direct Services

Internal Address: Attn: 14080632

Street Address: 187 Wolf Road, Suite 101

City: Albany State: NY ZIP: 12205

Phone Number: 1-800-342-3676 X 4065

Fax Number: 1-800-962-7049

Email Address: cts-ud@albany@wolfeckluwer.com

## 6. Total number of applications and registrations involved: 1

7. Total fee (37 CFR 2.6 (b)(6) &amp; 3.41): \$40.00

☒ Authorized to be charged by credit card☐ Authorized to be charged to deposit account☐ Enclosed

## 8. Payment Information:


a. Credit Card Last 4 Numbers 0974

Expiration Date 3/17

b. Deposit Account Number

Authorized User Name

9. Signature

  
 Joseph D. Borgman

10-21-14

Date PATENT

To be recorded by the Patent Office: REEL: 097007 FRAME: 0618

OP 640 00 86282414

connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the "Trademarks");

(f) All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto (collectively, the "Mask Works");

(g) Any and all claims for damages by way of past, present and future infringements 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) All 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) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) All 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.

2. Recordation. Grantor authorizes the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other government officials to record and register this Agreement upon request by Bank.

3. Authorization. Grantor hereby authorizes Bank to (a) modify this Agreement unilaterally by amending the exhibits to this Agreement to include any Intellectual Property Collateral which Grantor obtains subsequent to the date of this Agreement, and (b) file a duplicate original of this Agreement containing amended exhibits reflecting such new Intellectual Property Collateral.

4. Loan Documents. This Agreement has been entered into pursuant to and in conjunction with the Loan Agreement, which is hereby incorporated by reference. The provisions of the Loan Agreement shall supersede and control over any conflicting or inconsistent provision herein. The rights and remedies of Bank with respect to the Intellectual Property Collateral are as provided by the Loan Agreement and related documents, and nothing in this Agreement shall be deemed to limit such rights and remedies.

5. Execution in Counterparts. This Agreement may be executed in counterparts (and by different parties hereto in 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 counterpart of a signature page to this Agreement by facsimile or in electronic (i.e., "pdf" or "tif" format) shall be effective as delivery of a manually executed counterpart of this Agreement.

6. Successors and Assigns. This Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns.

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

HEDGELEY INC.

By: ABHAY GUPTA  
Title: CEO

BANK:

SILICON VALLEY BANK

By: \_\_\_\_\_  
Title: \_\_\_\_\_

# EXHIBIT B

## Patents

Title	APPLICATION / PUBLICATION No.	PATENT No.	DATE FILED
Systems and Methods for Improving the Accuracy of Appliance Level Disaggregation in Non-Intrusive Appliance Load Monitoring Techniques	13/388,850	-	2/6/12
Energy Disaggregation Techniques for Low Resolution Whole-House Energy Consumption Data	20130110621 13/670,838	-	4/25/13
Applications of Non-Intrusive Load Monitoring and Solar Energy Disaggregation	20130285788 14/153,058	-	1/20/14
Use of Non-Electrical Information as Input and Other Simplistic Techniques to Improve the Accuracy of Appliance Level Disaggregation in Non-Intrusive Appliance Load Monitoring (NIALM) Techniques	20140207298 61/439,826	-	2/4/11
Methods of Obtaining User Feedback to Validate and Improve the Non-Intrusive Appliance Load Monitoring (NIALM) Results	61/485,073	-	5/11/11
Use of Parameterized Finite State Machine Models to Detect and Extract Individual Appliance Signatures and Instances From the Load Profile Data in Non-Intrusive Appliance Load Monitoring	61/542,610	-	10/3/11
Smart Meters Energy Load Profile - Use of Training Data Set with High Information Content to Generate Value out of Test Data Set with Low Information Content	61/638,265	-	4/25/12
Novel Applications Using Appliance Load Profiles Generated from Non-Intrusive Load Monitoring	61/754,436	-	1/18/13
Energy Disaggregation Techniques for Low Resolution Whole House Energy Consumption Data	61/769,275	-	2/26/13
Solar Energy Disaggregation Techniques for Whole-House Energy Consumption Data	61/904,608	-	11/15/13
Improvements in Energy Disaggregation Techniques for Whole-House Energy Consumption Data	61/905,694	-	11/18/13
Using Targeted Products and Services Based On Energy Analytics to Enhance Energy Efficiency and Peak Demand Shift	61/983,312	-	4/23/14
System and Methods for Utilizing Energy Disaggregation Data in Customer Service Systems	62/045,646	-	9/4/14
Systems and Methods for Utilizing Energy Disaggregation Data and Time of Use Information	62/045,679	-	9/4/14
Display Integrations for Energy Data	62/045,689	-	9/4/14
Connecting Home Area Network Devices to Smart Meters and Utility Accounts	62/045,700	-	9/4/14
PCT - Systems and Methods for Improving the Accuracy of Appliance Level Disaggregation in Non-Intrusive Appliance Load Monitoring Techniques	PCT/US12/23969	-	2/6/12
PCT - Energy Disaggregation Techniques for Low Resolution Whole-House Energy Consumption Data	PCT/US13/38268	-	4/25/13
PCT - Applications of Non-Intrusive Load Monitoring and Solar Energy Disaggregation	PCT/US14/12203	-	1/20/14
Australia - Systems and Methods for Improving the Accuracy of Appliance Level Disaggregation in Non-Intrusive Appliance Load Monitoring Techniques	2012211955	-	2/6/12
EPO - Systems and Methods for Improving the Accuracy of Appliance Level Disaggregation in Non-Intrusive Appliance Load Monitoring Techniques	12742352.3	-	2/6/12

PATENT



**EXHIBIT C**

**Trademarks**

<b><u>Description</u></b>	<b><u>Registration/ Application Number</u></b>	<b><u>Registration/ Application Date</u></b>
<b>HOMEBEAT</b>	<b>Serial No. 85287414</b>	<b>5/15/14</b>