

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM563552

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
TOM DAMMEYER		02/19/2020	INDIVIDUAL:
CAC, LLC		02/19/2020	Limited Liability Company:
RECEIVING PARTY DATA			
Name:	BLE SOLUTIONS, LLC		
Street Address:	4350 LA JOLLA VILLAGE DR., SUITE 320		
City:	SAN DIEGO		
State/Country:	CALIFORNIA		
Postal Code:	92122		
Entity Type:	Limited Liability Company: UNITED STATES		
PROPERTY NUMBERS Total: 1			
Property Type	Number	Word Mark	
Registration Number:	4632255	SHELFBUCKS	
CORRESPONDENCE DATA			
Fax Number:	8586385010		
<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>			
Phone:	8586386756		
Email:	aldon.griffis@dlapiper.com		
Correspondent Name:	LISA A. HAILE, J.D., PH.D.		
Address Line 1:	DLA PIPER LLP (US)		
Address Line 2:	4365 EXECUTIVE DRIVE, SUITE 1100		
Address Line 4:	SAN DIEGO, CALIFORNIA 92121-2133		
NAME OF SUBMITTER:	Lisa A. Haile, J.D., Ph.D.		
SIGNATURE:	/Lisa A. Haile/		
DATE SIGNED:	02/24/2020		
Total Attachments: 7			
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**RELEASE OF SECURITY INTERESTS
(Tom Dammeyer and CAC, LLC)**

This Release of Security Interests ("Release") is entered into as of February 19, 2020 by Mr. Tom Dammeyer and CAC, LLC ("CAC") in favor of BLE Solutions, LLC ("BLE"), all of which are located at 4350 La Jolla Village Dr., Suite 320, San Diego, CA 92122 and based on the following facts:

1. Pursuant to that certain Convertible Note Purchase and Security Agreement dated as of November 19, 2018 ("CNPSA") between various investors and Shelfbucks, Shelfbucks granted to Tom Dammeyer, in his capacity as Representative for the investors, a security interest in substantially all of the assets of Shelfbucks, Inc. ("Shelfbucks").
2. To perfect the security interest granted with respect to the Shelfbucks assets, Tom Dammeyer on November 21, 2018 filed with the Delaware Secretary of State a UCC-1 financing statement, which was assigned UCC Initial Filing No. 2018-8086254, and on May 10, 2019 filed with the Delaware Secretary of State a UCC-1 financing statement, which was assigned UCC Initial Filing No. 2019-3248437.
3. To further perfect the security interest granted with respect to the Shelfbucks assets, Tom Dammeyer on April 8, 2019 and on May 10, 2019 recorded with the United States Patent and Trademark Office ("USPTO") notices of security interest with respect to certain patents owned by Shelfbucks.
4. On July 9, 2019, Tom Dammeyer, acting through CAC, conducted a foreclosure sale with respect to its security interest in the assets of Shelfbucks. As a result, CAC acquired ownership of substantially all of the assets of Shelfbucks, including Shelfbucks' interest in a portfolio of patents ("Osa Patents") that Shelfbucks previously acquired from Osa Acquisition, Inc. ("Osa"). With respect to the Osa Patents, however, CAC acquired the Osa Portfolio subject to Osa's senior security interest in those assets.
5. On January 27, pursuant to a Patent Assignment, CAC also acquired from Shelfbucks' subsidiary, Emmoco, Inc. ("Emmoco"), two patents (the "Initial Emmoco Patents") that were owned by Emmoco, and not included in the Osa Patents. On February 14, 2020, pursuant to a Patent Assignment, CAC also acquired from Emmoco one patent that was owned by Emmoco, and not included in the Osa Patents or the Initial Emmoco Patents (the "Additional Emmoco Patent"). The Initial Emmoco Patents and the Additional Emmoco Patent, together with the Osa Patents, are referred to collectively herein as the "Foreclosed Patents".
6. CAC subsequently transferred the Foreclosed Patents to BLE along with other assets of Shelfbucks obtained in the foreclosure sale (the "Other Assets"). BLE now wishes to sell the Foreclosed Patents and Other Assets to a buyer ("Buyer"). The Buyer requires that the Foreclosed Patents be transferred to Buyer free and clear of all encumbrances, including the security interests of Osa, CAC, and Tom Dammeyer. Following any such closing, the Buyer is authorized to file appropriate documentation

evidencing cancellation of the liens and security interests of Osa, CAC and Tom Dammeyer in the Foreclosed Patents and Other Assets.

7. By separate agreement, Osa has agreed to release its security interest in the Osa Patents. By this Agreement, Tom Dammeyer and CAC release their respective security interests in all of the Foreclosed Patents and Other Assets, as described in **Exhibit A** hereto.

[Signature page follows]

IN WITNESS WHEREOF, Tom Dammeyer and CAC have caused this Release to be duly executed and delivered by its authorized representative as of the date set forth above.

Mr. Tom Dammeyer, an individual



Tom Dammeyer

4350 La Jolla Village Dr, Suite 320,
San Diego, CA 92122

CAC, LLC



By: Tom Dammeyer

Its: President

4350 La Jolla Village Dr, Suite 320,
San Diego, CA 92122

STATE OF)
) ss.
COUNTY OF)

I, _____, a Notary Public for said County and State, do hereby certify that Tom Dammeyer personally appeared before me this day and stated that (s)he is Tom Dammeyer, and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this _____ day of February, 2020.

Notary Public

[Notarial Seal]

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ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Diego)

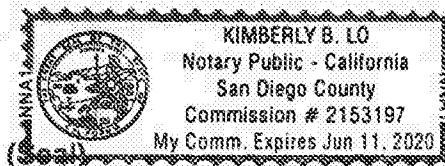
On 2-19-2020 before me, Kimberly B. Lo
(insert name and title of the officer)

personally appeared TOM DANMEYER
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.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Kimberly B. Lo



TRADEMARK

REEL: 006872 FRAME: 0996

Exhibit A
Shelfbucks
Non-Patent Assets

Trademark - SHELFBUCKS, Registration Number 4632255

Foreclosed Assets - General Description

All right, title and interest in and to the following property, to the extent previously owned by Shelfbucks, as such terms are defined under the New York Uniform Commercial Code:

(a) All goods, equipment, inventory, contract rights or rights to payment of money, leases, license agreements, franchise agreements, general intangibles (including payment intangibles), accounts (including health-care receivables), Intellectual Property (including patents as detailed on the following 2 pages), instruments (including any promissory notes), chattel paper (whether tangible or electronic), cash, deposit accounts, fixtures, letters of credit rights (whether or not the letter of credit is evidenced by a writing), securities, all of Debtor's Books and records with respect to any of the foregoing, and the computers and equipment containing said books and records, and all other investment property, supporting obligations, and financial assets, whether now owned or hereafter acquired, wherever located; and

(b) any and all cash proceeds and/or noncash proceeds of any of the foregoing, including, without limitation, insurance proceeds, and all supporting obligations and the security therefor or for any right to payment.

Assigned Patents

Patent Summary

Patents Pending						
Item No.	Source SB	Date Claimed	Content	Value to Shelfbucks	Status	
1.		2/1/13	14/183,116 – Shelf to Consumer Platform	Establish SB notion of direct commercial messages to consumers whilst enabling consumers to control or influence if and when messages are received, as well as the content of the messages	Published, Office Actions underway	
2.		2/1/13	13 Nonprovisional (utility) applications claiming priority to 3 provisionals filed: “Systems & Methods for Dynamically Transmitting Content to Potential Customers” (Initially 62/160,949)	Use of BLE to establish unprecedented levels of communication with customers, retailers, and CPG's about the value and status of merchandising programs, to provide consumers with context-sensitive messages based on interest and consent	Created from provisional filing to establish early filing date for subsequent applications	
3.		***	[intentionally omitted; duplicate of #5 below]			
4.		2/1/13	15/153,135 – Systems & methods for dynamically transmitting content to potential customers		ROA filed 1/14/19	
5.		2/1/13	15/153,142 – Systems & methods for POP display and wireless beacon engagement with mobile devices (previously mislabeled 15/153,204)		Published 1/19/17 as 15/153,142 (2017-0017994-A1); ROA filed 12/14/14	
6.		2/1/13	15/153,155 – Systems & methods for POP display and wireless beacon execution with wireless network gateways		Filed as 15/153,155; ROA filed 12/20/18	
7.		2/1/13	15/153,163 – Systems & methods for energy conservation in POP displays with wireless beacons		Published 1/19/17 as 15/153,163 (2017-0017290-A1) ROA filed 12/13/18	
8.		2/1/13	15/153,173 – Systems & methods for activity measurement around POP displays with wireless beacons		Published 1/19/17 as 15/153,173 (2017-0018005-A1); ROA filed 12/13/18	
9.		2/1/13	15/153,186 – Systems & methods for external environment detection and operation for POP displays with wireless beacons		Filed as 15/153,186; ROA filed 1/7/19	
10.		2/1/13	15/248,057 – System & methods for determining location of POP displays with wireless beacons using mobile applications on mobile devices		Published 1/19/17 as 15/248,057 (2017-0018006-A1); ROA filed 2/15/19	
11.		2/1/13	15/248,063 – System & methods for determining location of POP displays with wireless beacons using time-based interactions with mobile devices		Filed as 15/248,063; ROA filed 2/5/19	
12.		2/1/13	15/433,334 – POP displays and wireless beacon based systems & methods for transmitting content to potential customers		CIP of 15/153,135	
13.		2/15/17	Continuation in Part (CIP) of 15/153,135	Additional detail provided		
14.		10/5/17	15/726,108 – Geofencing with wireless beacon based consumer product marketing	Location-based marketing messages using BLE	Published	
15.		10/5/17	15/726,117 – Image processing for retail displays with wireless beacons	Provide a mobile device with up-to-date content associated with the POP displays. Additionally, one or	Published	
16.		10/5/17	15/726,128 – Local data acquisition for retail displays with wireless beacons	Monitoring consumer exposure to display presence	Published	
17.		10/5/17	15/726,132 – Assessing state information for retail displays	Mapping beacons to stock rooms vs. retail selling floor	Published	
18.		10/5/17	15/726,138 – Assessing and reporting in-store recycling of wireless beacon components used with retail displays	Much higher accuracy for reporting beacon recycling activity, and differentiating beacons stored for recycling from beacons on active programs stored in stock rooms	Published	
19.		10/5/17	15/726,142 – Analyzing movement of wireless beacons associated with retail displays	Display location tracking	Published	
20.		10/5/17	15/726,146 - Analyzing movement of data collectors/gateways associated with retail displays	Display and in-store infrastructure movement at retail	Published	
21.		5/15/18	15/980,345 – Wireless beacons based on systems utilizing printable circuits	Copackers “marry” ID's (and batteries) with pre-printed circuits; very inexpensive, much lower risk of human error	Published	
22.		5/15/18	15/980,354 – Pressure-sensitive device for product tracking on product shelves	Pressure-sensitive mats for use on shelf or in displays	Published	
23.		5/15/18	15/980,365 – Systems and methods for tracking products transported in shipping containers	Camera w/totes containing beacons and lid-sensing switch; particularly useful for pharmacy application regarding controlled substances	Published	
24.		3/7/18	16/294,443 – Retail System for Identifying & Locating Products and Electronic Displays, and Providing Environmental Index Information for Display Near Relevant Products	Provide consumers with context and timely relevant messages, such as allergy index	Published	
	Emmoco	Date Claimed				
25.	SPA	3/25/14	14/668,289 - Providing Multiple Virtual Bluetooth Low Energy Devices	Establishes “local” beacon in retail location to provide information targeted to devices near that location	Issued 9/4/18 as 10,070,292	
26.	SPA	8/12/11	14/238,613 - Embedded Device Application Development	Establishes efficient application environment for computing devices (protocol independent)	Issued 9/4/18 as 10,067,747	
27.	SPA	3/18/13	14/897,932 - Resource-Limited Device Interactivity with Cloud-Based Systems	Establishes powerful allocation of computing responsibilities across a limited processor (e.g., smartphone) and a much less constrained processor (e.g., remote server)	Issued 5/7/19 as 10,284,422	

ISSUED PATENTS					
Item No.	Country	Patent #	Content	Date Filed	Date Issued
28.	US	9,990,644	15/153,213 - System & methods for determining location of POP displays with wireless beacons using known wireless beacon locations	2/1/13	6/5/18; continuation is filed
29.		***	[intentionally omitted; duplicate of #25 above]	***	***
30.		888	[intentionally omitted; duplicate of #26 above]	***	***
31.	US	6,837,427	Use of RF technology for monitoring in-store advertising & merchandising conditions	5/30/02	1/4/05
32.	China	2827422.9	Use of RF technology for monitoring in-store advertising & merchandising conditions		11/12/08
33.	Australia	2002362010	Use of RF technology for monitoring in-store advertising & merchandising conditions	11/20/02	5/19/06
34.	US	6,951,305	Use of RF technology (long-range backscatter) for monitoring in-store advertising & merchandising conditions	3/20/03	10/4/05
35.	US	7,021,535	System for in-store advertising monitoring	10/27/04	4/4/06
36.	US	7,374,096	Improved system for advertising monitoring, including contact technology for inexpensive sign monitoring	9/18/03	5/20/08
37.	US	7,233,241	Low-stock alert system	11/17/05	6/19/07
38.	US	7,310,070	Inexpensive, sensitive, near-range antenna system for identifying shelf-specific location of EPC tags	8/23/06	12/18/07
39.	US	7,423,516	Location determination using RFID	5/4/06	9/9/08
40.	Australia	2004222924	Improved system for advertising monitoring	3/19/04	10/16/08
41.	China	200480013848.2	Improved system for advertising monitoring	3/19/04	11/6/08
42.	US	7,510,123	RF contact signal detection	11/17/05	3/31/09
43.	US	7,549,579	Long-range RFID system to monitor pricing, consumer exposure, compliance with merchandising programs	4/28/08	6/23/09
44.	US	7,535,337	Monitoring open stock merchandising	8/7/06	5/19/09
45.	US	7,614,556	Spider 3 helical antenna technology	5/4/06	11/10/09
46.	Canada	2,587,925	Low-stock alert system	11/17/05	2/8/11
47.	Canada	2,519,621	Improved advertising compliance monitoring system	3/19/04	10/4/11
48.	US	8,010,067	Long Range RFID Transmitter Power Tracking Loop	10/16/06	8/30/11
49.	US	8,070,065	Determining Presence And Location Of RF Tags	5/6/08	12/6/11
50.	US	8,408,457 B2	Coordinating digital advertising message with presence of product display	6/1/07	4/2/13
51.	US	8,531,273	Controlling serially-connected transmitters and receivers	10/12/09	9/10/13
52.	US	8,598,988	Controlling serially-connected transmitters	3/26/10	12/3/13
53.	Canada	2,586,576	Antenna array w/ centralized hub for determining presence & location of tags	10/18/05	4/1/14
54.	US	8,823,521	Computer-Implemented Systems and Methods for Providing an Out of Stock / Low Stock Alert	10/17/11	9/2/14
55.	US	9,805,334 B2	Computer-Implemented Systems and Methods for Providing an Out of Stock / Low Stock Alert	10/17/11	10/31/17
56.	US	10,373,189	Filed as <u>15/153,180</u> - Systems & methods for data transfer from POP displays with wireless beacons and engaged mobile devices	2/1/13	Issues 8/6/19
57.	US	10,373,190	Filed as <u>15/153,200</u> - Systems & methods for determining location of POP displays with wireless beacons through engagement with mobile devices	2/1/13	Issues 8/6/19
58.	US	10,410,238	Filed as <u>15/153,220</u> - System & methods for determining location of POP displays with wireless beacons using wireless network gateways	2/1/13	(ISSUED AS 10/410,238)
59.	US	10,410,240	Filed as <u>15/997,213</u> - System & methods for determining location of consumer product displays with wireless beacons using known wireless beacon locations	6/4/18	(ISSUED AS 10/410,240)
60.	US	TBD	Filed as <u>15/390,852</u> - Systems & methods for determining stock quantities using a capacitive inventory sensor	12/27/16	Will issue (<u>Awaiting PATENT#</u>)
61.	China		Publication No. 1628335A granted as Chinese Patent CN 100433114(c), entitled "Advertising compliance monitoring system"		
62.	China		Publication No. 1820276A granted as Chinese Patent CN 100447814(c), entitled "Improved advertising compliance monitoring system"		