504522079 08/28/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4568785

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GARY R. HAMMERSLAG	05/02/2016
MIKE MAYBERRY	05/06/2016
MARK SODERBERG	05/12/2016

RECEIVING PARTY DATA

Name:	BOA TECHNOLOGY INC.
Street Address:	3459 RINGSBY COURT
Internal Address:	SUITE 300
City:	DENVER
State/Country:	COLORADO
Postal Code:	80216

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15687299

CORRESPONDENCE DATA

Fax Number: (303)571-4321

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: 4048156500

Email: sserrano@kilpatricktownsend.com

KILPATRICK TOWNSEND & STOCKTON LLP **Correspondent Name:**

1100 PEACHTREE STREET Address Line 1:

Address Line 2: **SUITE 2800**

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	093277-1059984
NAME OF SUBMITTER:	SHANNON SERRANO
SIGNATURE:	/Shannon Serrano/
DATE SIGNED:	08/28/2017

Total Attachments: 3

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> **PATENT** REEL: 043422 FRAME: 0466

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PATENT REEL: 043422 FRAME: 0467

ASSIGNMENT

I, the undersigned, have invented certain inventions and improvements disclosed in a non-provisional patent application entitled

"REEL BASED CLOSURE SYSTEM,"

filed with the U.S. Patent & Trademark Office on March 27, 2014

and assigned serial no. 14/228,075.

I acknowledge, I:

- 1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to BOA Technology Inc., a corporation of the State of Delaware having a principal place of business at 3459 Ringsby Court, Suite 300, Denver, CO 80216 ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and
 - (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph

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U.S. Serial No. 14/228,075
Attorney Docket No. 093277-1009407 (BOATEC.001P4C8)
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(including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.

- Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
- 5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
- 6. Authorize Kilpatrick Townsend & Stockton to insert above the application number and filing date of the above-described patent application when known.

Signed on the dates indicated beside my signature.

Signature:	Gary R. Hammerslag	Date: May 2, 2016
Signature:		Date:
Signature:	Mike Mayberry	Date: 5-12-16
	Mark Sodemerg	Daw

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ASSIGNMENT U.S. Serial No. 14/228,075 Attorney Docket No. 093277-1009407 (BOATEC.001P4C8) Page 2 of 2

(including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.

- 2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
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- 6. Authorize Kilpatrick Townsend & Stockton to insert above the application number and filing date of the above-described patent application when known.

Signed on the dates indicated beside my signature.

Signature:		Date:
	Gary R. Hammerslag	
Signature:	212,1	Date: 5.6.16
	Mike Mayberry	
Signature:		Date:
	Mark Soderberg	

PATENT REEL: 043422 FRAME: 0470

RECORDED: 08/28/2017