

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	CHRISTIAN CARLBERG	09/28/2020
<b>RECEIVING PARTY DATA</b>		
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<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	94159	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	17633841
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<b>SIGNATURE:</b>	/John R. Mills, Reg # 56,414/	
<b>DATE SIGNED:</b>	02/08/2022	
<b>Total Attachments: 5</b>		
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## ASSIGNMENT

**Christian CARLBERG**, residing at 703 Rancho Drive, San Luis Obispo, CA 93405 (referred herein to as “Assignor”) has made an invention(s) (the “Invention(s)”) set forth in the application(s) for patent filed in the United States, entitled **SYSTEMS AND METHODS FOR IMAGE CAPTURE AND SHELF CONTENT DETECTION**, and which is a:

- (1) ☐ provisional application  
(a) ☐ to be filed herewith; or  
(b) ☐ bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_.
- (2) ☐ non-provisional application  
(a) ☐ to be filed herewith; or  
(b) ☐ bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_;  
and/or
- (3) ☒ PCT application  
(a) ☒ bearing Application No. PCT/US2020/046408 and filed on August 14, 2020.

**WHEREAS, BOSSA NOVA ROBOTICS IP, INC.**, a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 2740 Smallman Street, Suite 400, Pittsburgh, PA 15222 (the “Assignee”), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1), (2) and/or (3); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor’s entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application(s) for patent identified in paragraph (1), (2) and/or (3);
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the

Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;

(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified in paragraph (1), (2) and/or (3) or any application(s) for patent claiming the Invention(s), including any substitute application(s), division(s), continuation(s), and continuation(s)-in-part; and

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) – (e), including any reissue(s), reexamination(s), revival(s), renewal(s), and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *inter partes* reviews, supplemental examinations, etc.) without charge to the Assignor, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: Sept 28, 2020

By:   
Christian CARLBERG

WITNESSED BY:

Date: Sept 28, 2020

By:   
Name: Jessica Carlberg

Date: 9/28/2020

By: 

Name:

Title:

Company: **BOSSA NOVA  
ROBOTICS IP, INC.**

WITNESSED BY:

Date: 09/28/2020

By: 

Name: Berangere Lantigue