

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7352910

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MACDONALD, DETTWILER AND ASSOCIATES INC.	05/04/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE BANK OF NOVA SCOTIA
<b>Street Address:</b>	40 KING STREET WEST
<b>Internal Address:</b>	62ND FLOOR
<b>City:</b>	TORONTO, ONTARIO
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	M5W 2X6
<b>PROPERTY NUMBERS Total: 21</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17513237
Application Number:	17550296
Application Number:	63290121
Application Number:	63290931
Application Number:	63291603
Application Number:	63293216
Application Number:	17487989
Application Number:	17488842
Application Number:	17532139
Application Number:	17618646
Application Number:	29820378
Application Number:	29820379
Application Number:	16643289
Application Number:	17012161
Application Number:	16115025
Application Number:	17234190
Application Number:	17269777
Application Number:	29787252
Application Number:	29787253

Property Type	Number
Application Number:	29787255
Application Number:	29833534

#### CORRESPONDENCE DATA

**Fax Number:**

*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:** 612-474-3340

**Email:** jurzedowski@forsgrenfisher.com

**Correspondent Name:** JAMES M. URZEDOWSKI

**Address Line 1:** 225 SOUTH 6TH STREET

**Address Line 2:** SUITE 1750

**Address Line 4:** MINNEAPOLIS, MINNESOTA 55402

<b>ATTORNEY DOCKET NUMBER:</b>	10408
--------------------------------	-------

<b>NAME OF SUBMITTER:</b>	JAMES M. URZEDOWSKI
---------------------------	---------------------

<b>SIGNATURE:</b>	/James M. Urzedowski/
-------------------	-----------------------

<b>DATE SIGNED:</b>	05/26/2022
---------------------	------------

**Total Attachments: 4**

source=MacDonald-PAT-21-Executed#page1.tif

source=MacDonald-PAT-21-Executed#page2.tif

source=MacDonald-PAT-21-Executed#page3.tif

source=MacDonald-PAT-21-Executed#page4.tif

MACDONALD, DETTWILER AND ASSOCIATES INC.

CONFIRMATION OF SECURITY INTEREST  
IN INTELLECTUAL PROPERTY

- A. MacDonald, Dettwiler and Associates Inc. (the “**Grantor**”) is the owner of (i) the trademarks set forth in Exhibit A, the registrations and applications for the trade marks identified therein and the underlying goodwill of said trade marks (collectively, the “**Trademarks**”), (ii) the patent applications and patents set forth in Exhibit A (collectively, the “**Patents**”); (iii) the copyright applications and registrations set forth in Exhibit A (collectively, the “**Copyrights**” and, together with the Trademarks and the Patents, the “**Intellectual Property**”).
- B. The Grantor has entered into a certain general security agreement dated as of April 8, 2020 (as may be changed from time to time, the “**GSA**”) in favour of The Bank of Nova Scotia, as administrative agent (the “**Administrative Agent**”).
- C. Under the GSA the Grantor, among other things, granted to the Administrative Agent a security interest in certain property, including the Intellectual Property, as security for the obligations described therein.

**NOW THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are acknowledged and in accordance with the terms and obligations set forth in the GSA, the Grantor confirms the grant to the Administrative Agent under the GSA of a security interest in and to the Intellectual Property.

*[REMAINDER OF PAGE INTENTIONALLY BLANK]*

**DATED** at Toronto this 4th day of May, 2022.

**MACDONALD, DETTWILER AND  
ASSOCIATES INC.**

By: 

Name: Vito Culmone

Title: Chief Financial Officer

Confirmation of Security Interest in IP (US) – MacDonald, Dettwiler and Associates Inc.

**PATENT**  
**REEL: 060031 FRAME: 0862**

**EXHIBIT A****U.S. PATENT APPLICATIONS AND PATENTS OWNED BY  
MACDONALD, DETTWILER AND ASSOCIATES INC.**

<b><u>Title</u></b>	<b><u>Patent No.</u></b>	<b><u>Issue Date</u></b>	<b><u>Serial No.</u></b>	<b><u>Filing Date</u></b>
1. Unobtrusive driving assistance method and system for a vehicle to avoid hazards	-	-	17/513,237	2021-10-28
2. Robotic livery printing system	-	-	17/550,296	2021-12-14
3. Robotic Systems, Methods, and Devices for Grappling and Actuating a Payload	-	-	63/290,121	2021-12-16
4. Machine Vision Marker, System and Method for Identifying and Determining a Pose of a Target Object Using a Machine Vision Marker, and Method of Manufacturing a Machine Vision Marker	-	-	63/290,931	2021-12-17
5. Dust Tolerant Robotic Interface	-	-	63/291,603	2021-12-20
6. Robotic Capture of a Free Flyer or Other Unsupported Object	-	-	63/293,216	2021-12-23
7. System and method for automated artificial vision guided dispensing viscous fluids for caulking and sealing operations	-	-	17/487,989	2021-09-28
8. System and method for automated artificial vision guided dispensing viscous fluids for caulking and sealing operations	-	-	17/488,842	2021-09-29

<u>Title</u>	<u>Patent No.</u>	<u>Issue Date</u>	<u>Serial No.</u>	<u>Filing Date</u>
9. Unobtrusive driving assistance method and system for a vehicle to avoid hazards	-	-	17/532,139	2021-11-22
10. Radial Latch Manipulator Interface System	-	-	17/618,646	2021-12-13
11. Machine Vision Target	-	-	29/820,378	2021-12-21
12. Machine Vision Target	-	-	29/820,379	2021-12-21
13. Robotic livery printing system	-	-	16/643,289	2020-02-28
14. Actuated Resettable Shockless Hold Down and Release Mechanism	-	-	17/012,161	2020-09-04
15. End Effective Force Sensor and Manual Actuation Assistance	-	-	16/115,025	2018-08-28
16. Low-Profile Manipulation Interface System	-	-	17/234,190	2021-04-19
17. Method and Apparatus for Deriving Biometric Information Using Multiple-Axis Seismocardiography	-	-	17/269,777	2018-08-20
18. Grapple Fixture	-	-	29/787,252	2021-06-04
19. Robotic End Effector and End of Arm Tool	-	-	29/787,253	2021-06-04
20. Robotic End Effector and End of Arm Tool	-	-	29/787,255	2021-06-04
21. Machine Vision Target	-	-	29/833,534	2022-04-05