

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM574076

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
MacDonald, Dettwiler and Associates Inc.		04/08/2020	Corporation: CANADA
MDA Geospatial Services Inc.		04/08/2020	Corporation: CANADA
RECEIVING PARTY DATA			
Name:	COMPUTERSHARE TRUST COMPANY OF CANADA		
Street Address:	100 UNIVERSITY AVENUE, 11TH FLOOR		
City:	TORONTO, ONTARIO		
State/Country:	CANADA		
Postal Code:	M5J 2Y1		
Entity Type:	Corporation: CANADA		
PROPERTY NUMBERS Total: 2			
Property Type	Number	Word Mark	
Registration Number:	5947237	TRIDAR	
Registration Number:	2177128	EARTHVIEW	
CORRESPONDENCE DATA			
Fax Number:	6173453299		
<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:	6173453000		
Email:	trademarks@burnslev.com		
Correspondent Name:	Deborah J Peckham		
Address Line 1:	125 High Street		
Address Line 4:	Boston, MASSACHUSETTS 02110		
ATTORNEY DOCKET NUMBER:	43151.55		
NAME OF SUBMITTER:	Authorized Attorney, MA Bar Member		
SIGNATURE:	/Deborah J Peckham/		
DATE SIGNED:	04/29/2020		
Total Attachments: 37			
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source=Intellectual Property Security Agreement (final compiled) CF1318779052#page2.tif			

OP \$65.00 5947237

**INTELLECTUAL PROPERTY
SECURITY AGREEMENT**

This **INTELLECTUAL PROPERTY SECURITY AGREEMENT**, dated as of April 8, 2020 (as amended, amended and restated, supplemented or otherwise modified from time to time, this "**Agreement**"), is made by each of the undersigned entities, each a Full Recourse Obligor (each such entity, a "**Grantor**", and collectively, the "**Grantors**"), in favor of **COMPUTERSHARE TRUST COMPANY OF CANADA**, in its capacity as trustee of the Creditors (in such capacity, the "**Trustee**"), in accordance with the second lien secured note indenture dated as of April 8, 2020 between Neptune Acquisition Inc., as Issuer and the Trustee (as may be amended, modified, supplemented, restated or amended and restated from time to time, the "**Second Lien Note Indenture**").

WITNESSETH:

WHEREAS, as required by the Second Lien Note Indenture, pursuant to an Omnibus General Security Agreement, dated as of the date hereof between, *inter alios*, the Grantors party thereto and the Trustee (the "**GSA**"), each Grantor has granted to the Trustee a security interest in substantially all of such Grantor's property, including, without limitation, the Collateral (as defined below) referred to in Section 1 below;

WHEREAS, pursuant to the Second Lien Note Indenture, each Grantor has agreed to execute this Agreement in respect of its Collateral for recording with the Canadian Intellectual Property Office and any other office in which a security interest in the Collateral may be recorded under the laws of any other applicable jurisdiction.

NOW, THEREFORE, in consideration of the premises and the mutual covenants and agreements hereinafter set forth, the Grantors and the Trustee agree as follows:

1. Grant of Security. Each Grantor hereby grants to the Trustee for the benefit of the Creditors, a security interest in and to all of such Grantor's right, title and interest in and to its proprietary and intellectual property rights of any kind or nature, including the following (the "**Collateral**"):

- (a) all present and future Canadian, United States and foreign patents, design patents and certificates of invention that may be developed or acquired by or on behalf of such Grantor, or similar industrial property rights, and applications for any of the foregoing, including, but not limited to, the patents set forth in Schedule "A" hereto opposite the name of such Grantor, as Schedule "A" may be supplemented from time to time by supplements to the Security and this Agreement which shall be executed and delivered by such Grantor to the Trustee from time to time, and all reissues, divisions, continuations, continuations-in-part, renewals, extensions and re-examinations thereof and amendments thereto (the "**Patents**");
- (b) all present and future Canadian, United States and foreign trademarks, trade names, corporate names, company names, business names, fictitious business names, internet domain names, service marks, certification marks, collective

marks, logos, other source or business identifiers, designs and general intangibles of a like nature, all registrations and applications for any of the foregoing including, but not limited to, the trademark and service mark registrations, applications, and licences set forth in Schedule "B" hereto opposite the name of such Grantor, as Schedule "B" may be supplemented from time to time by supplements to the Security and this Agreement which shall be executed and delivered by such Grantor to the Trustee from time to time, together with the goodwill connected with the use thereof and symbolized thereby and all extensions and renewals thereof (the "**Trademarks**");

- (c) all present and future Canadian, United States and foreign copyrights (including industrial designs and community designs), including but not limited to copyrights in software and databases, and all "topography" (as defined in the *Integrated Circuit Topography Act* (Canada)), whether registered or unregistered, including, without limitation, the registrations and applications and copyright licences set forth in Schedule "C" hereto opposite the name of such Grantor, as Schedule "C" may be supplemented from time to time by supplements to the Security and this Agreement which shall be executed and delivered by such Grantor to the Trustee from time to time, and all extensions and renewals thereof (the "**Copyrights**");
- (d) all present and future Canadian, United States and foreign trade secrets, know-how, inventions, invention disclosures, methods, processes, technical data, specifications, techniques, research and development information, technology, product roadmaps, drawings, designs, plans, proposals, financial, marking and business data, pricing and cost information, customer and supplier lists and any other confidential information, including, without limitation, each of the foregoing as set forth in Schedule "D" hereto opposite the name of such Grantor, as Schedule "D" may be supplemented from time to time by supplements to the Security and this Agreement which shall be executed and delivered by such Grantor to the Trustee from time to time, and all extensions and renewals thereof (the "**Trade Secrets**");
- (e) all present and future Canadian, United States and foreign moral rights, publicity rights, database rights, mask works, utility and industrial models and registrations and applications for registration thereof, and any other proprietary or intellectual property rights of any kind or nature that do not comprise or are not protected by Trademarks, Patents, Copyrights or Trade Secrets, including, without limitation, such rights as set forth in Schedule "E" hereto opposite the name of such Grantor, as Schedule "E" may be supplemented from time to time by supplements to the Security and this Agreement which shall be executed and delivered by such Grantor to the Trustee from time to time, and all extensions and renewals thereof (the "**Rights**");
- (f) all rights of any kind whatsoever of such Grantor accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions and otherwise throughout the world;

- (g) any and all royalties, fees, income, payments and other proceeds now or hereafter due or payable with respect to any and all of the foregoing; and
- (h) any and all claims and causes of action with respect to any of the foregoing, whether occurring before, on or after the date hereof, including all rights to and claims for damages, restitution and injunctive and other legal and equitable relief for past, present and future infringement, dilution, misappropriation, violation, misuse, breach or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.

2. Security for Obligations. This Agreement secures, and the Collateral is collateral security for, with respect to each Grantor, the prompt and complete payment and performance in full when due, whether at stated maturity, by required prepayment, declaration, acceleration, demand or otherwise of the Notes Obligations. This Agreement is not to be construed as an assignment of any Trademark, Copyright, Patent, Trade Secret or Right.

3. Scope of Security Interest. To the extent that the creation of the security interest would result in the termination of any agreement, licence or permit of a Grantor or to the extent any such Patent, Trademark, Copyright, Trade Secret or Right would otherwise constitute Excluded Property (each, a "**Restricted Asset**"), the security interest will not attach to the Restricted Asset but such Grantor shall hold its interest in the Restricted Asset and its proceeds in trust for the Trustee, and shall assign such Restricted Asset or the proceeds thereof to the Trustee or as it may direct immediately upon obtaining the consent of the other party.

Notwithstanding Section 1, no security interest is or will be granted pursuant hereto in any right, title or interest of any Grantor in, to or under any Excluded Property.

4. Recordation. Each Grantor authorizes and agrees that it will, at its own expense, cause this Agreement, and any supplements or amendments thereto, to be recorded at the Canadian Intellectual Property Office, the United States Trademark and Patent Office, the United States Copyright Office, any other office in any foreign jurisdiction as may be required (and any successor office and any similar office in any United States state or other country), and the appropriate Canadian, United States or foreign personal property security registry. Each Grantor authorizes the United States Commissioner for Patents, the United States Commissioner for Trademarks and the United States Register of Copyrights and any other government officials to record and register this Agreement.

5. Supplemental Security. This Agreement is in addition to and without prejudice to all other security now held or which may hereafter be held by the Trustee.

6. Execution in Counterparts. This Agreement may be executed in any number of counterparts, all of which shall be deemed to be an original and such counterparts taken together shall constitute one agreement, and any of the parties hereto may execute this Agreement by signing any such counterpart.

7. **Grants, Rights and Remedies.** This Agreement has been entered into in conjunction with the provisions of the Second Lien Note Indenture and the GSA. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Trustee with respect to the Collateral are more fully set forth in the Second Lien Note Indenture and the GSA, the terms and provisions of which are incorporated herein by reference as if fully set forth herein.

8. **Termination.** Upon the Maturity Date, the security interest granted herein shall terminate and the Trustee shall execute, acknowledge, and deliver to the Grantors all instruments in writing in recordable form to evidence and release the collateral pledge, grant, lien and security interest in the Collateral under this Agreement.

9. **Governing Law.** This Agreement shall be governed by, and construed in accordance with, the laws of the Province of Ontario and the laws of Canada applicable therein, without regard to conflict of laws principles.

10. **Intercreditor Agreement.** Notwithstanding anything herein, the Liens and Security granted to the Trustee pursuant to this Agreement and the exercise of any right or remedy by the Trustee hereunder are subject to the terms of the Intercreditor Agreement.

11. **Conflict of Terms.**

- (a) In the event of any conflict, inconsistency, ambiguity or difference between any provision of this Agreement and any provision of the Second Lien Note Indenture, the provisions of the Second Lien Note Indenture shall govern and prevail, and such provision of this Agreement shall be deemed to be amended to the extent only to eliminate any such conflict, inconsistency, ambiguity or difference. If, strictly in connection with the interpretation of this Agreement, there is any conflict or inconsistency between the provisions of this Agreement and the Second Lien Note Indenture and the provisions of the Intercreditor Agreement, the provisions of the Intercreditor Agreement shall govern and prevail, and such provision of this Agreement shall be deemed to be amended to the extent only to eliminate any such conflict, inconsistency, ambiguity or difference. Any right or remedy in this Agreement which may be in addition to the rights and remedies contained in the Second Lien Note Indenture or in the Intercreditor Agreement shall not constitute a conflict, inconsistency, ambiguity or difference.
- (b) Notwithstanding anything herein to the contrary, the Lien and security interest granted to the Trustee pursuant to this Agreement and the exercise of any right or remedy by the Trustee hereunder are subject to the provisions of the Intercreditor Agreement. If there is a conflict between the terms of the Intercreditor Agreement and this Agreement, the terms of the Intercreditor Agreement will control.

12. **Defined Terms.** Capitalized terms used and not otherwise defined in this Agreement have the meanings given to them in the Second Lien Note Indenture.

13. Successors, etc. In this Agreement:

- (a) reference to any body corporate or partnership shall include successors thereto, whether by way of amalgamation or otherwise;
- (b) references to any statute, enactment or legislation or to any section or provision thereof include a reference to any order, ordinance, regulation, rule or by-law or proclamation made under or pursuant to that statute, enactment or legislation and all amendments, modifications, consolidations, re-enactments or replacements thereof or substitutions therefor from time to time; and
- (c) reference to any agreement (including without limitation any definitions in or portions of an agreement incorporated herein by reference), instrument, permit or other document shall include reference to such agreement, instrument, permit or other document as the same may from time to time be amended, supplemented, replaced or restated.

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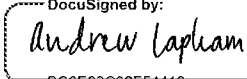
IN WITNESS WHEREOF, the parties hereto have executed this Agreement by their duly authorized officers as of the day and year first above written.

**COMPUTERSHARE TRUST COMPANY
OF CANADA**, as Trustee

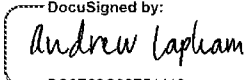
By: Fiona Koch
Name: Fiona Koch
Title: Corporate Trust Officer

By: Marcela Cruz
Name: Marcela Cruz
Title: Corporate Trust Officer

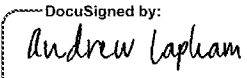
NEPTUNE ACQUISITION INC.

By: 
Name: Andrew Lapham
Title: President

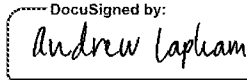
CASCADE DATA SERVICES INC.

By: 
Name: Andrew Lapham
Title: President

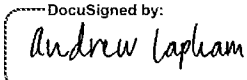
MAXAR TECHNOLOGIES ULC

By: 
Name: Andrew Lapham
Title: President

MDA BRAZIL HOLDINGS, INC.

By: 
Name: Andrew Lapham
Title: President

MDA GEOSPATIAL SERVICES INC.

By: 
Name: Andrew Lapham
Title: President

MDA GP HOLDINGS LTD.

By: DocuSigned by:
Andrew Lapham
BC6E93C02F54410...
Name: Andrew Lapham
Title: President

MDA INTERNATIONAL HOLDINGS, INC.

By: DocuSigned by:
Andrew Lapham
BC6E93C02F54410...
Name: Andrew Lapham
Title: President

MDA SYSTEMS LTD.

By: DocuSigned by:
Andrew Lapham
BC6E93C02F54410...
Name: Andrew Lapham
Title: President

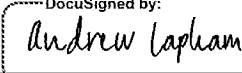
MACDONALD, DETTWILER AND ASSOCIATES CORPORATION

By: DocuSigned by:
Andrew Lapham
BC6E93C02F54410...
Name: Andrew Lapham
Title: President

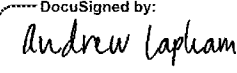
MACDONALD, DETTWILER AND ASSOCIATES INC.

By: DocuSigned by:
Andrew Lapham
BC6E93C02F54410...
Name: Andrew Lapham
Title: President

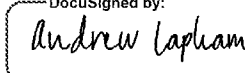
MACDONALD DETTWILER HOLDINGS LTD.

By: 
Name: Andrew Lapham
Title: President

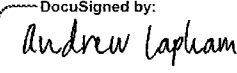
SPACE INFRASTRUCTURE SERVICES (CANADA) LTD.

By: 
Name: Andrew Lapham
Title: President

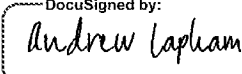
TRIATHLON LTD.

By: 
Name: Andrew Lapham
Title: President

11963830 CANADA INC.

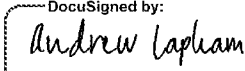
By: 
Name: Andrew Lapham
Title: President and Secretary

2748639 ONTARIO INC.

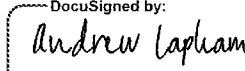
By: 
Name: Andrew Lapham
Title: President and Secretary

- 10 -

11963791 CANADA INC.

By: 
Name: Andrew Lapham
Title: President and Secretary

11963805 CANADA INC.

By: 
Name: Andrew Lapham
Title: President and Secretary

[Signature page to IP Security Agreement]

SCHEDULE "A"
PATENT REGISTRATIONS AND PATENT APPLICATIONS

MacDonald, Dettwiler and Associates Corporation

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
Canada						
1.	MacDonald, Dettwiler and Associates Corporation	Compact and lightweight TEM-line network for RF components of antenna systems	CA2956370A	2017-01-27	-	-
Europe						
2.	MacDonald, Dettwiler and Associates Corporation	High performance multimode horn	EP2001400990A	2001-04-18	EP1152484B1	2010-12-08
3.	MacDonald, Dettwiler and Associates Corporation	Method for improving isolation of an antenna mounted on a structure	EP2003293345A	2003-12-29	EP1435676B1	2006-12-13
4.	MacDonald, Dettwiler and Associates Corporation	Helix support and helical antenna using such a support	EP2004291524A	2004-06-17	EP1489685B1	2008-08-20
5.	MacDonald, Dettwiler and Associates Corporation	Membrane for controlling the aperture illumination of a reflector antenna	EP2005290248A	2005-02-04	EP1562260B1	2008-08-20
6.	MacDonald, Dettwiler and Associates Corporation	Architecture and method for optimal tracking of multiple broadband satellite terminals	EP2012166121A	2012-04-30	EP2518821B1	2016-12-21
7.	MacDonald, Dettwiler and Associates Corporation	Wide scan steerable antenna with no key-hole	EP2012188658A	2012-10-16	EP2584650B1	2017-05-24

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
8.	MacDonald, Dettwiler and Associates Corporation	Antenna pointing system	EP20128604A	2012-12-23	EP2608313B1	2019-02-13
9.	MacDonald, Dettwiler and Associates Corporation	Three axis reflector deployment and pointing mechanism	EP2017165226A	2017-04-06	EP3229313B1	2019-03-20
10.	MacDonald, Dettwiler and Associates Corporation	Antenna reflector interchange mechanism	EP2017176275A	2017-06-15	EP3258538B1	2019-06-19
11.	MacDonald, Dettwiler and Associates Corporation	Wide scan steerable antenna	EP2015184673A	2015-09-10	-	-
12.	MacDonald, Dettwiler and Associates Corporation	COMPACT AND LIGHTWEIGHT TEM-LINE NETWORK FOR RF COMPONENTS OF ANTENNA SYSTEMS	EP17153515.6A	2017-01-27	-	-
France						
13.	MacDonald, Dettwiler and Associates Corporation	Parasitic element for helical antenna	FR20070056037	2007-06-26	FR2903234B1	2011-03-18.
14.	MacDonald, Dettwiler and Associates Corporation	Strut and joint for spaceframe structure assemblies	FR201761994A	2017-12-12	-	-
15.	MacDonald, Dettwiler and Associates Corporation	RF rotary joint using a matched horn coupler assembly	FR201857707A	2018-08-28	-	-

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
16.	MacDonald, Dettwiler and Associates Corporation	LIGHTWEIGHT DEPLOYABLE APERTURE REFLECTARRAY ANTENNA REFLECTOR	FR19004798	2019-05-08	-	-
Japan						
17.	McDonald, Dettwiler and Associates Corporation	Wide scan steerable antenna with no key-hole	JP2012229056A	2012-10-16	JP05961087B2	2016-08-02
18.	McDonald, Dettwiler and Associates Corporation	Antenna pointing system	JP2012281094A	2012-12-25	JP06068129B2	2017-01-25
19.	MacDonald, Dettwiler and Associates Corporation	Antenna reflector interchange mechanism	JP20170117809	2016-06-15	-	-
20.	McDonald, Dettwiler and Associates Corporation	Compact and lightweight TEM-line network for RF components of antenna systems	JP2017013602A	2017-01-27	-	-
21.	MacDonald, Dettwiler and Associates Corporation	Three axis reflector deployment and pointing mechanism	JP20170075896	2017-04-06	-	-
United Kingdom						
22.	MacDonald, Dettwiler and Associates Corporation	Parasitic element for helical antenna	GB0712659.2	2007-06-28	GB2439651B	2009-11-11
23.	MacDonald, Dettwiler and Associates Corporation	LIGHTWEIGHT DEPLOYABLE APERTURE REFLECTARRAY ANTENNA REFLECTOR	GB1906496.3	2019-05-08	-	-
United States						

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
24.	MacDonald, Dettwiler and Associates Corporation	High performance multimode horn	US09833713A	2001-04-13	US6396453B2	2002-05-28
25.	MacDonald, Dettwiler and Associates Corporation	Steerable antenna system with fixed feed source	US09967949A	2001-10-02	US6492955B1	2002-12-10
26.	MacDonald, Dettwiler and Associates Corporation	Steerable offset antenna with fixed feed source	US10265600A	2002-10-08	US6747604B2	2004-06-08
27.	MacDonald, Dettwiler and Associates Corporation	Method for improving isolation of an antenna mounted on a structure	US10747278A	2003-12-30	US7138959B2	2006-11-21
28.	MacDonald, Dettwiler and Associates Corporation	Helical antenna	US10868210A	2004-06-16	US7038636B2	2006-05-02
29.	MacDonald, Dettwiler and Associates Corporation	Aperture illumination control membrane	US11048824A	2005-02-03	US7183990B2	2007-02-27
30.	MacDonald, Dettwiler and Associates Corporation	Electromagnetic bandgap device for antenna structures	US11240497A	2005-10-03	US7236142B2	2007-06-26
31.	MacDonald, Dettwiler and Associates Corporation	Parasitic element for helical antenna	US11819337A	2007-06-27	US7474272B2	2009-01-06
32.	MacDonald, Dettwiler and Associates Corporation	Wide scan steerable antenna with no key-hole	US13652680A	2012-10-16	US9093742B2	2015-07-28
33.	MacDonald, Dettwiler and Associates Corporation	Antenna pointing system	US13723844A	2012-12-21	US9172128B2	2015-10-27

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
34.	MacDonald, Dettwiler and Associates Corporation Integrity Testing Laboratory Inc.	Method of making charge dissipative surfaces of polymeric materials with low temperature dependence of surface resistivity and low RF loss	US13934573A	2013-07-03	US9174396B2	2015-11-03
35.	MacDonald, Dettwiler and Associates Corporation	Orthomode junction assembly with associated filters for use in an antenna feed system	US13974640A	2013-08-23	US9059682B2	2015-06-16
36.	MacDonald, Dettwiler and Associates Corporation	Wide scan steerable antenna	US14849919A	2015-09-10	US9647334B2	2017-05-09
37.	MacDonald, Dettwiler and Associates Corporation	Compact and lightweight TEM- line network for RF components of antenna systems	US15418154A	2017-01-27	US10069184B2	2018-09-04
38.	MacDonald, Dettwiler and Associates Corporation	Antenna reflector interchange mechanism	US15623764A	2017-06-15	US10483638	2019-11-19
39.	MacDonald, Dettwiler and Associates ¹	Adaptive Satellite Channelizer	US15725194A	2017-10-04	US10341012B1	2019-06-02
40.	MacDonald, Dettwiler and Associates Corporation	Calibration system and method for optimizing leakage performance of a multi-port amplifier	US15853588A	2017-12-22	US10447219	2019-10-15

¹ Although registered ownership at the United States Patent and Trademark Office is in the name of MacDonald, Dettwiler and Associates, the company has confirmed that these patents are owned by MacDonald, Dettwiler and Associates Corporation.

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
41.	MacDonald, Dettwiler and Associates Corporation	Three axis reflector deployment and pointing mechanism	US15480941A	2017-04-06	-	-
42.	MacDonald, Dettwiler and Associates ¹	Modular Channelizer	US15729257A	2017-10-10	-	-
43.	MacDonald, Dettwiler and Associates Corporation	Strut and joint for spaceframe structure assemblies	US15838585A	2017-12-12	-	-
44.	MacDonald, Dettwiler and Associates Corporation	RF rotary joint using a matched horn coupler assembly	US16116554A	2018-08-29	-	-
45.	MacDonald, Dettwiler and Associates Corporation	Lightweight Deployable Aperture Reflectarray Antenna Reflector	US16406349A	2019-05-08	-	-
46.	MacDonald, Dettwiler and Associates Corporation	Direct Radiating Array of Antenna	US62908242PRA	2019-09-30	-	-

MacDonald, Dettwiler and Associates Inc.

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
Australia						
1.	MacDonald, Dettwiler and Associates Inc.	Guidance, navigation, and control system for a vehicle	AU2006274420A	2006-07-26	AU2006274420B2	2011-06-30
2.	MacDonald, Dettwiler and Associates Inc.	Traffic management system for a passageway environment	AU2006274421A	2006-07-26	AU2006274421B2	2011-08-11

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
3.	MacDonald, Dettwiler and Associates Inc.	Traffic management system for a passageway environment	AU2011202456A	2011-05-26	AU2011202456B2	2012-08-02
Brazil						
4.	MacDonald, Dettwiler and Associates Inc.	System and method for automated artificial vision guided dispensing viscous fluids for caulking and sealing operations	BR112019273A	2017-07-10	-	-
Canada						
5.	MacDonald, Dettwiler and Associates Inc.	Spacecraft Docking Mechanism	CA2473981A	2004-07-14	CA2473981C	2012-11-27
6.	MacDonald, Dettwiler and Associates Inc.	Traffic Management System for a Passageway Environment	CA2612921A	2006-07-26	CA2612921C	2016-08-30
7.	MacDonald, Dettwiler and Associates Inc.	Guidance, navigation, and control system for a vehicle	CA2616613A	2006-07-26	CA2616613C	2013-10-22
8.	MacDonald, Dettwiler and Associates Inc.	Surgical Manipulator	CA2655431A	2007-06-14	CA2655431C	2014-10-21
9.	MacDonald, Dettwiler and Associates Inc.	Serially Jointed Manipulator Arm	CA2860487A	2007-06-14	CA2860487C	2019-03-26
10.	MacDonald, Dettwiler and Associates Inc.	Satellite refuelling system and method	CA2680364A	2008-03-10	CA2680364C	2014-06-10

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
11.	MacDonald, Dettwiler and Associates Inc.	Satellite refuelling system and method	CA2831692A	2008-03-10	CA2831692C	2015-01-27
12.	MacDonald, Dettwiler and Associates Inc.	Return pulse shape analysis for falling edge object discrimination of aerosol LIDAR	CA2742687	2008-11-05	CA2742687C	2013-07-30
13.	MacDonald, Dettwiler and Associates Inc.	Surgical manipulator	CA2709634A	2008-12-22	CA2709634C	2017-04-25
14.	MacDonald, Dettwiler and Associates Inc.	Scalable common interface plate system (SCIPS)	CA2789117A	2011-02-15	CA2789117C	2016-11-01
15.	MacDonald, Dettwiler and Associates Inc.	Scalable common interface plate system (SCIPS)	CA2936099A	2011-02-15	CA2936099C	2017-06-13
16.	MacDonald, Dettwiler and Associates Inc.	Wide angle bistatic scanning optical ranging sensor	CA2815393	2011-10-18	CA2815393C	2019-02-19
17.	MacDonald, Dettwiler and Associates Inc.	Dual reflector system for linear lamp illuminators	CA2824198A	2011-10-19	CA2824198C	2017-02-21
18.	MacDonald, Dettwiler and Associates Inc.	High speed 360 degree scanning LIDAR head	CA2871502A	2012-04-26	-	-
19.	MacDonald, Dettwiler and Associates Inc.	Robotic servicing multifunctional tool	CA2850850A	2012-10-15	CA2850850C	2019-11-26

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
20.	MacDonald, Dettwiler and Associates Inc.	Propellant transfer system and method for resupply of propellant to on-orbit spacecraft	CA2854375A	2012-11-15	CA2854375C	2019-05-07
21.	MacDonald, Dettwiler and Associates Inc.	Method of real-time tracking of moving/flexible surfaces	CA2854829A	2012-11-15	CA2854829C	2019-07-02
22.	MacDonald, Dettwiler and Associates Inc.	System and tool for accessing satellite fill/drain valves during propellant resupply	CA2856077A	2012-12-05	CA2856077C	2018-05-01
23.	MacDonald, Dettwiler and Associates Inc.	Spacecraft capture mechanism	CA2917649A	2013-03-19	CA2917649C	2018-05-29
24.	MacDonald, Dettwiler and Associates Inc.	Spacecraft capture mechanism	CA2867476A	2013-03-19	CA2867476C	2016-01-26
25.	MacDonald, Dettwiler and Associates Inc.	A Wearable Object Locator And Imaging System	CA2824104A	2013-08-20	CA2824104C	2019-11-12
26.	MacDonald, Dettwiler and Associates Inc.	Method of real-time tracking of moving/flexible surfaces	CA3041707A	2012-11-15	-	-
27.	MacDonald, Dettwiler and Associates Inc.	Spacecraft capture mechanism	CA2945386A	2015-05-04	-	-
28.	MacDonald, Dettwiler and Associates Inc.	Payload ejection system	CA2946333A	2015-05-19	-	-

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
29.	MacDonald, Dettwiler and Associates Inc.	System and method for automated artificial vision guided dispensing viscous fluids for caulking and sealing operations	CA3029111A	2017-07-10	-	-
30.	MacDonald, Dettwiler and Associates Inc.	Actuated resettable shockless hold down and release mechanism (ARES HDRM)	CA3046252A	2017-12-20	-	-
31.	MacDonald, Dettwiler and Associates Inc.	Unobtrusive driving assistance method and system for a vehicle to avoid hazards	CA3043940A1	2017-12-20	-	-
32.	MacDonald, Dettwiler and Associates Inc.	Robotic Livery Printing System	CA3062036A1	2018-08-24	-	-
Chile						
33.	MacDonald, Dettwiler & Associates Inc.	Traffic Management System for a Passageway Environment	CL200601951	2006-07-26	CL45972	2009-10-06
China						
34.	MacDonald, Dettwiler and Associates Inc.	System and method for automated artificial vision guided dispensing viscous fluids for caulking and sealing operations	CN201780042491A	2017-07-10	-	-

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
Europe						
35.	MacDonald, Dettwiler & Associates Inc.	Guidance, navigation, and control system for a vehicle	EP2006761202A	2006-07-26	EP1913235B1	2011-04-06
36.	MacDonald, Dettwiler & Associates Inc.	Traffic management system for a passageway environment	EP2006761203A	2006-07-26	EP1924981B1	2012-09-12
37.	MacDonald, Dettwiler and Associates Inc.	Global position and orientation estimation system for a vehicle in a passageway environment	EP2011188101A	2006-07-26	EP2450763B1	2017-03-01
38.	MacDonald, Dettwiler and Associates Inc.	Satellite refuelling system and method	EP2008733557A	2008-03-10	EP2134606B1	2018-05-09
39.	MacDonald, Dettwiler and Associates Inc.	Dual reflector system for linear lamp illuminators	EP2011833680A	2011-10-19	EP2633231B1	2018-03-28
40.	MacDonald, Dettwiler and Associates Inc.	Satellite refuelling system and method	EP2018159861A	2008-03-10	-	-
41.	Neptec Design Group Ltd.	High speed 360 degree scanning LIDAR head	EP12878134.1	2012-04-26	-	-
42.	MacDonald, Dettwiler and Associates Inc.	Robotic servicing multifunctional tool	EP2012840474A	2012-10-15	-	-

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
43.	MacDonald, Dettwiler and Associates Inc.	Propellant transfer system and method for resupply of propellant to on-orbit spacecraft	EP2012850714A	2012-11-15	-	-
44.	MacDonald, Dettwiler and Associates Inc.	System and tool for accessing satellite fill/drain valves during propellant resupply	EP2012854747A	2012-12-05	-	-
45.	MacDonald, Dettwiler and Associates Inc.	Spacecraft capture mechanism	EP2013764620A	2013-03-19	-	-
46.	MacDonald, Dettwiler and Associates Inc.	Spacecraft capture mechanism	EP2015785813A	2015-05-04	-	-
47.	MacDonald, Dettwiler and Associates Inc.	Payload ejection system	EP2015796897A	2015-05-19	-	-
48.	MacDonald, Dettwiler and Associates Inc.	System and method for automated artificial vision guided dispensing viscous fluids for caulking and sealing operations	EP20170823385A	2017-07-10	-	-
49.	MacDonald, Dettwiler and Associates Inc.	Actuated resettable shockless hold down and release mechanism (ARES HDRM)	EP17883621.9	2017-12-20	-	-
Japan						

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
50.	MacDonald, Dettwiler and Associates Inc.	A satellite fuel-supply system and a method	JP2009552036A	2008-03-10	JP05324478B2	2013-10-23
51.	MacDonald, Dettwiler and Associates Inc.	Robotic servicing multifunctional tool	JP2014534896A	2012-10-15	JP05951026B2	2016-07-13
52.	MacDonald, Dettwiler and Associates Inc.	Propellant transfer system and method for resupply of propellant to on-orbit spacecraft	JP2014540280A	2012-11-15	JP06038168B2	2016-12-07
53.	MacDonald, Dettwiler and Associates Inc.	System and tool for accessing satellite fill/drain valves during propellant resupply	JP2014543739A	2012-12-05	JP06104930B2	2017-03-29
54.	MacDonald, Dettwiler and Associates Inc.	Spacecraft capture mechanism	JP2015500727A	2013-03-19	JP06322184B2	2018-05-09
55.	MacDonald, Dettwiler and Associates Inc.	A satellite fuel-supply system and a method	JP2013149878A	2013-07-18	JP05378625B2	2013-12-25
56.	MacDonald, Dettwiler and Associates Inc.	Spacecraft capture mechanism	JP2017508719A	2015-05-04	JP06490798B2	2019-03-27
57.	MacDonald, Dettwiler and Associates Inc.	Payload Ejection Mechanism	JP2016568404	2015-05-19	JP6581601B2	2019-09-06
58.	MacDonald, Dettwiler and Associates Inc.	Propellant transfer system and method for resupply of propellant to on-orbit spacecraft	JP2016213970A	2016-11-01	JP06339157B2	2018-06-06

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
59.	MacDonald, Dettwiler and Associates Inc.	The calking and sealing a viscous fluid for operation of the dispensing system and method for an automated artificial vision with guide	JP2019500350	2017-07-10	-	-
Russia						
60.	MacDonald, Dettwiler and Associates Inc.	Satellite refuelling system and method	RU20090135297	2008-03-10	RU2478534C2	2011-04-20
61.	MacDonald, Dettwiler and Associates Inc.	Satellite refuelling system and method	RU2012154271A	2012-12-17	RU2607912C2	2017-01-11
South Africa						
62.	MacDonald, Dettwiler and Associates Inc.	Traffic management system for a passageway environment	ZA2008635A	2008-01-22	ZA200800635B	2008-11-26
63.	MacDonald, Dettwiler and Associates Inc.	Guidance, navigation, and control system for a vehicle	ZA20081764A	2008-02-25	-	-
United Kingdom						
64.	Neptec Design Group Ltd.	Return pulse shape analysis for falling edge object discrimination of aerosol LIDAR	GB1107960.5	2008-11-05	GB2477065B	2012-09-26
65.	Neptec Design Group Ltd.	Wide angle bistatic scanning optical ranging sensor	GB130923.3	2011-10-18	GB2499159B	2015-04-15

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
United States						
66.	MacDonald, Dettwiler and Associates Inc.	Gearbox	US10153600A	2002-05-24	US6749533B2	2004-06-15
67.	MacDonald, Dettwiler and Associates Inc.	Spacecraft docking mechanism	US10890513A	2004-07-14	US6969030B1	2005-11-29
68.	MacDonald, Dettwiler and Associates Inc.	3D imaging system	US11352399A	2006-02-13	US7860301B2	2010-12-28
69.	MacDonald, Dettwiler & Associates Inc.	Traffic management system for a passageway environment	US11493027A	2006-07-26	US7756615B2	2010-07-13
70.	MacDonald, Dettwiler and Associates Inc.	Surgical robot and robotic controller	US11603352A	2006-11-20	US7996110B2	2011-08-09
71.	MacDonald, Dettwiler and Associates Inc.	Surgical manipulator	US11812094A	2007-06-14	US8491603B2	2013-07-23
72.	MacDonald, Dettwiler & Associates Inc.	Satellite refuelling system and method	US12073795A	2008-03-10	US8074935B2	2011-12-13
73.	MacDonald, Dettwiler & Associates Inc.	Guidance, navigation, and control system for a vehicle	US11922706A	2008-03-19	US8090491B2	2012-01-03
74.	MacDonald, Dettwiler and Associates Inc.	Surgical manipulator	US12318151A	2008-12-22	US8444631B2	2013-05-21
75.	MacDonald, Dettwiler and Associates Inc.	Method and apparatus for producing 3D model of an underground environment	US12654451A	2009-12-18	US8031909B2	2011-10-04

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
76.	MacDonald, Dettwiler and Associates Inc.	Method and apparatus for producing an enhanced 3D model of an environment or an object	US12654452A	2009-12-18	US8031933B2	2011-10-04
77.	MacDonald, Dettwiler and Associates Inc.	Dual reflector system for linear lamp illuminators	US12907685A	2010-10-19	US9115867B2	2015-08-25
78.	MacDonald, Dettwiler and Associates Inc.	Scalable common interface plate system (SCIPS)	US13028051A	2011-02-15	US8702341B2	2014-04-22
79.	MacDonald, Dettwiler & Associates Inc.	Satellite refuelling system and method	US13196750A	2011-08-02	US8181911B1	2012-05-22
80.	MacDonald, Dettwiler and Associates Inc.	Surgical robot and robotic controller	US13205524A	2011-08-08	US8515576B2	2013-08-20
81.	MacDonald, Dettwiler & Associates Inc.	Guidance, navigation, and control system for a vehicle	US13209247A	2011-08-12	US8260483B2	2012-09-04
82.	MacDonald, Dettwiler and Associates Inc.	Method and apparatus for producing 3D model of an environment	US13210275A	2011-08-15	US8532368B2	2013-09-10
83.	MacDonald, Dettwiler and Associates Inc.	Return pulse shape analysis for falling edge object discrimination of aerosol LIDAR	US13127945	2011-08-16	US8781790B2	2014-07-15
84.	MacDonald, Dettwiler & Associates Inc.	Robotic satellite refueling tool	US13323472A	2011-12-12	US8196870B2	2012-06-12

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
85.	MacDonald, Dettwiler & Associates Inc.	Robotic satellite refuelling tool	US13470661A	2012-05-14	US8448904B2	2013-05-28
86.	MacDonald, Dettwiler and Associates Inc.	Wearable object locator and imaging system	US13589957A	2012-08-20	US9285481B2	2016-03-15
87.	MacDonald, Dettwiler and Associates Inc.	Robotic servicing multifunctional tool	US13652339A	2012-10-15	US9676096B2	2017-06-13
88.	MacDonald, Dettwiler and Associates Inc.	Method of real-time tracking of moving/flexible surfaces	US13678162A	2012-11-15	US8693730B2	2014-04-08
89.	MacDonald, Dettwiler and Associates Inc.	Propellant transfer system and method for resupply of propellant to on-orbit spacecraft	US13678281A	2012-11-15	US8899527B2	2014-12-02
90.	MacDonald, Dettwiler and Associates Inc.	Tool for accessing satellite fill/drain valves during propellant resupply	US13706126A	2012-12-05	US9108747B2	2015-08-18
91.	MacDonald, Dettwiler and Associates Inc.	Spacecraft capture mechanism	US13839529A	2013-03-15	US9399295B2	2016-07-26
92.	MacDonald, Dettwiler and Associates Inc.	Surgical manipulator	US13899300A	2013-05-21	US9333041B2	2016-05-10
93.	MacDonald, Dettwiler and Associates Inc.	Wide angle bistatic scanning optical ranging sensor	US13880938	2013-11-26	US9255790B2	2016-02-09

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
94.	MacDonald, Dettwiler and Associates Inc.	Method of real-time tracking of moving/flexible surfaces	US14221085A	2014-03-20	US9101267B2	2015-08-11
95.	MacDonald, Dettwiler and Associates Inc.	Scalable common interface plate system (SCIPS)	US14221946A	2014-03-21	US9339935B2	2016-05-17
96.	MacDonald, Dettwiler and Associates Inc.	Propellant transfer system and method for resupply of propellant to on-orbit spacecraft	US14554695A	2014-11-26	US9260206B2	2016-02-16
97.	MacDonald, Dettwiler and Associates Inc.	High speed 360 degree scanning LIDAR head	US14397155	2015-03-16	US9791555B2	2017-10-17
98.	MacDonald, Dettwiler and Associates Inc.	Spacecraft capture mechanism	US14703709A	2015-05-04	US9669950B2	2017-06-06
99.	MacDonald, Dettwiler and Associates Inc.	Payload ejection system	US14716795A	2015-05-19	US10427808	2019-10-01
100.	MacDonald, Dettwiler and Associates Inc.	System and tool for accessing satellite fill/drain valves during propellant resupply	US14826429A	2015-08-14	US9567111B2	2017-02-14
101.	MacDonald, Dettwiler and Associates Inc.	System and tool for accessing satellite fill/drain valves during propellant resupply	US14826444A	2015-08-14	US9688422B2	2017-06-27
102.	MacDonald, Dettwiler and Associates Inc.	Spacecraft capture mechanism	US15219017A	2016-07-25	US9764478B2	2017-09-19

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
103.	MacDonald, Dettwiler and Associates Inc.	Robotic servicing multifunctional tool	US15620300A	2017-06-12	US10005180B2	2018-06-26
104.	MacDonald, Dettwiler and Associates Inc.	Robotic servicing multifunctional tool	US15621362A	2017-06-13	US9950424B2	2018-04-24
105.	MacDonald, Dettwiler and Associates Inc.	Payload Ejection System	US16510359A	2019-07-12	US10513354B2	2019-12-24
106.	MacDonald, Dettwiler and Associates Inc.	System and method for automated artificial vision guided dispensing viscous fluids for caulking and sealing operations	US15645929A	2017-07-10	-	-
107.	MacDonald, Dettwiler and Associates Inc.	Low-Profile Manipulator Interface System (MIPS)	US15829619A	2017-12-01	-	-
108.	MacDonald, Dettwiler and Associates Inc.	Actuated resettable shockless hold down and release mechanism (ARES HDRM)	US15849225A	2017-12-20	-	-
109.	MacDonald, Dettwiler and Associates Inc.	Unobtrusive driving assistance method and system for a vehicle to avoid hazards	US15849427A	2017-12-20	-	-
110.	MacDonald, Dettwiler and Associates Inc.	Radial Latch Manipulator Interface System	US62869943PRA	2019-07-02	-	-

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
111.	MacDonald, Dettwiler and Associates Inc.	Data collection unit	US29204181	2004-04-26	USD508565S1	2005-08-16
PCT						
112.	MacDonald, Dettwiler and Associates Inc.	Robotic livery printing system	PCTCA2018051024A	2018-08-24	-	-
113.	MacDonald, Dettwiler and Associates Inc.	Low-Profile Manipulator Interface System (MIPS)	PCT2018CA051548A	2018-12-01	-	-

Maxar Technologies ULC

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
Canada						
1.	Maxar Technologies ULC	Lightweight space-fed active phased array antenna system	CA2610937A	2006-06-09	CA2610937C	2012-01-31
2.	Maxar Technologies ULC	Propellant transfer system and method for resupply of propellant to on-orbit spacecraft	CA3037930A	2012-11-15	-	-
Europe						
3.	MacDonald, Dettwiler and Associates Ltd. ²	Lightweight space-fed active phased array antenna system	EP2006752794A	2006-06-09	EP1889327B1	2014-06-11
Israel						

² MacDonald, Dettwiler and Associates Ltd. is a predecessor to Maxar Technologies ULC.

No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
4.	MacDonald, Dettwiler and Associates Ltd. ²	Lightweight space-fed active phased array antenna system	IL186982A	2007-10-29	IL186982A	2012-01-31
Japan						
5.	MacDonald, Dettwiler and Associates Ltd. ²	A lightweight space electric power feeding type active phased array antenna system	JP2008515016A	2006-06-09	JP04951622B2	2012-06-13
Russia						
6.	MacDonald, Dettwiler and Associates Ltd. ²	SIMPLIFIED SYSTEM WITH ACTIVE PHASED ANTENNA ARRAY WITH SPATIAL EXCITATION	RU2007149233	2006-06-09	RU2367068C1	2009-10-09
South Korea						
7.	MacDonald, Dettwiler and Associates Ltd. ²	Lightweight space-fed active phased array antenna system	KR20077028662A	2007-12-07	KR100971096B1	2010-07-20
United States						
8.	MacDonald, Dettwiler and Associates Ltd. ²	Satellite communications system for providing global, high quality movement of very large data files	US10530018A	2005-04-01	US7783734B2	2010-08-24
9.	MacDonald, Dettwiler and Associates Ltd. ²	Lightweight space-fed active phased array antenna system	US11912585A	2008-05-07	US7889129B2	2011-02-15



No.	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
10.	MacDonald, Dettwiler and Associates Ltd. ²	Satellite communications system for providing global, high quality movement of very large data files	US12850426A	2010-08-04	US8412851B2	2013-04-02
11.	MacDonald, Dettwiler and Associates Ltd. ²	Satellite communications system for providing global, high quality movement of very large data files	US13853027A	2013-03-28	US9369883B2	2016-06-14

SCHEDULE "B"
TRADEMARK REGISTRATIONS AND TRADEMARK APPLICATIONS

MacDonald, Dettwiler and Associates Inc.

No.	Owner	Country	Trademark	Serial No.	Filing Date	Reg No.	Reg. Date
1.	MacDonald, Dettwiler and Associates Inc.	Canada	CARECOMP ANION SYSTEM	1079472	27-OCT-2000	TMA594233	06-NOV-2003
2.	MacDonald, Dettwiler and Associates Inc.	Canada	NEPTEC	1800485	15-SEP-2016	-	-
3.	MacDonald, Dettwiler and Associates Inc.	Canada	TRIDAR	1890364	27-MAR-2018	-	-
4.	MacDonald, Dettwiler and Associates Inc.	United States	TRIDAR	87/863,499	4/4/2018	5947237	31-DEC-2019

Maxar Technologies ULC

No.	Owner	Country	Trademark	Serial No.	Filing Date	Reg No.	Reg. Date
1.	Maxar Technologies ULC	Canada	MDA & ECCENTRIC CIRCLE DESIGN 	524087	22-JUN-1984	TMA340632	20-MAY- 1988
2.	Maxar Technologies ULC	Canada	MDA & DESIGN 	552848	20-NOV-1985	TMA340642	20-MAY- 1988

No.	Owner	Country	Trademark	Serial No.	Filing Date	Reg No.	Reg. Date
3.	Maxar Technologies ULC	Canada	MACDONALD DETTWILER	675193	07-FEB-1991	TMA401998	28-AUG-1992

MDA Geospatial Services Inc.

No.	Owner	Country	Trademark	Serial No.	Filing Date	Reg No.	Reg. Date
1.	MDA Geospatial Services Inc.	Canada	EARTHVIEW	872060	12-MAR-1998	TMA511532	05-MAY-1999
2.	MDA Geospatial Services Inc.	United States	EARTHVIEW	75/012,791	10/31/1995	2177128	7/28/1998

MDA Systems Ltd.

No.	Owner	Country	Trademark	Serial No.	Filing Date	Reg No.	Reg. Date
1.	MDA Systems Ltd.	Canada	Persist-INT	1526508	05-MAY-2011	TMA826520	19-JUN-2012

Triathlon Ltd.

No.	Owner	Country	Trademark	Serial No.	Filing Date	Reg No.	Reg. Date
1.	Triathlon Ltd.	Canada	TRIATHLON & DESIGN 	1035098	05-NOV-1999	TMA569541	24-OCT-2002

SCHEDULE "C"
COPYRIGHT REGISTRATIONS AND COPYRIGHT APPLICATIONS

MacDonald, Dettwiler and Associates Corporation

No.	Owner	Country	Title	No.	Date	Notes
1.	MacDonald, Dettwiler & Associates Corporation	United States	Home repair and remodel cost guide-2011.	TX 7-431-063 V3611D976	2011	None

Maxar Technologies ULC

No.	Owner	Country	Copyright	Reg No.	Reg. Date
1.	Maxar Technologies ULC	Canada	DETAILED FUNCTIONAL SPECIFICATION (DFS) FOR THE CADIN NOTAM/OPMET SYSTEM FOR THE CZECH AIR TRAFFIC CONTROL ASSOCIATION	433113	1994-05-16
2.	Maxar Technologies ULC	Canada	NASC-COMPLIANT AIS SYSTEM HUMAN-MACHINE INTERFACE DESCRIPTION DOCUMENT	433114	1994-05-16
3.	Maxar Technologies ULC	Canada	AMENDMENTS TO CADIN NOTAM/OPMET DETAILED FUNCTIONAL SPECIFICATION	433115	1994-05-16
4.	Maxar Technologies ULC	Canada	NASC-COMPLIANT AIS SYSTEM STATIC/BASIC DATA REQUIREMENTS DOCUMENT	433116	1994-05-16

MDA Systems Ltd.

No.	Owner	Country	Copyright	Reg No.	Reg. Date
1.	MDA Systems Ltd.	Canada	Multi-Temporal Filtering with Averaged Structure Lee Filter	1087922	2011-06-22
2.	MDA Systems Ltd.	Canada	Extension of Multi-Temporal Filtering to Quad-Polarisation Data	1087923	2011-06-22

SCHEDULE "D"
TRADE SECRETS

Nil.

**SCHEDULE "E"
RIGHTS**

Nil.