



Continuation of Item 4.

PATENTS

<u>Current Owner Name</u>	<u>Title</u>	<u>Status Description</u>	<u>Application Number</u>	<u>Application Date</u>	<u>Patent Number</u>	<u>Grant Date</u>	<u>Expiration Date</u>	<u>Country</u>
CAL Corporation	Antenna Pointing Mechanism	Granted	07/944,278	14-Sep-92	5389940	14-Feb-95	14-Sep-12	United States
CAL Corporation	Capacitive Pressure Transducer with Reference Capacitor	Granted	08/754,171	25-Nov-96	5760311	02-Jun-98	25-Nov-16	United States
CAL Corporation	Deployable Double-Membrane Surface Antenna	Granted	08/646,092	07-May-96	5777582	07-Jul-98	07-May-16	United States
CAL Corporation	End Loaded Helix Antenna	Granted	07/893,525	04-Jun-92	5329287	12-Jul-94	04-Jun-12	United States
CAL Corporation	Helical Microstrip Antenna with Impedance Taper	Granted	06/458,252	02-Jun-95	5677699	14-Oct-97	02-Jun-15	United States
CAL Corporation	Target Light Detection	Granted	08/769,625	18-Dec-96	5815590	29-Sep-98	18-Dec-16	United States

EMS Technologies Canada, Ltd.	Compact Dielectric Resonator Element for Low Profile Scanning Applications	Filed	60/555,631	23-Mar-04	23-Mar-24	United States
EMS Technologies Canada, Ltd.	Complementary Dual Antenna System	Filed	10/301,692	22-Nov-02	22-Nov-22	United States
EMS Technologies Canada, Ltd.	Hybrid Frequency Offset Estimator	Filed	10/938,299	10-Sep-04	10-Sep-24	United States
EMS Technologies Canada, Ltd.	Joint Synchronizer and Decoder	Filed	10/938,305	10-Sep-04	10-Sep-24	United States

United States

21-Dec-21

13-Jan-04

6677908

21-Dec-01

24229

Granted

Technologies Multimedia aircraft antenna

EMS

Canada, Ltd.

United States

19-May-19

10-Dec-02

6493356

19-May-99

09/314,221

Granted

Apparatus and Method for Demultiplexing a Frequency Division Multiplexed Input Signal and Polyphase Digital Filter Network Therefor

Technologies

Canada, Ltd.

United States

10-May-19

27-Mar-01

6208304

10-May-99

307703

Granted

Aircraft mounted dual blade antenna array

Technologies

Canada, Ltd.

United States

19-Aug-19

30-Jan-01

6181298

19-Aug-99

377052

Granted

Top-fed quadraflar helical antenna

Technologies

Canada, Ltd.

EMS Technologies Canada, Ltd.	Broadband Dichroic Surface	Granted	09/837,214	19-Apr-01	6407716	18-Jun-02	19-Apr-21	United States
EMS Technologies Canada, Ltd.	Broadcast Rate Control Allocation (BRCA) for Congestion Avoidance in Satellite ATM Networks	Granted	09/295,377	21-Apr-99	6445707	03-Sep-02	21-Apr-19	United States
EMS Technologies Canada, Ltd.	Crossed Drooping Bent Dipole Antenna	Granted	09/174,001	16-Oct-98	6211840	03-Apr-01	16-Oct-18	United States
EMS Technologies Canada, Ltd.	High Performance Multimode Horn	Granted	09/833,713	13-Apr-01	6396453	28-May-02	13-Apr-21	United States
EMS Technologies Canada, Ltd.	High Power Broadband Feed	Granted	10/079,911	22-Feb-02	6603438	05-Aug-03	22-Feb-22	United States
EMS Technologies Canada, Ltd.	Layered Dual Frequency Antenna Array	Granted	349344	02-Dec-94	5651493	26-Aug-97	02-Dec-14	United States
EMS Technologies Canada, Ltd.	Low Sidelobe Contiguous-Parabolic Reflector Array	Granted	10/079,913	22-Feb-02	6563473	13-May-03	22-Feb-22	United States
EMS Technologies Canada, Ltd.	Mechanism for Differential Dual-Directional Antenna Array	Granted	09/886,116	22-Jun-01	6407714	18-Jun-02	22-Jun-21	United States

EMS Canada, Ltd	Technologies	Mechanism for Differential Directional Antenna Array	Granted	10/166,702	12-Jun-02	6738024	18-May-04	22-Jun-21	United States
EMS Canada, Ltd	Technologies	Method for Fabricating Luneburg Lenses	Granted	10/259,889	20-Sep-02	6721103	13-Apr-04	30-Sep-22	United States
EMS Canada, Ltd	Technologies	Mini-Cap Radiating Element	Granted	08/567,986	11-Dec-95	5633646	27-May-97	11-Dec-15	United States
EMS Canada, Ltd	Technologies	Optical Acquisition and Tracking System	Granted	08/987,447	10-Dec-97	5973310	26-Oct-99	10-Dec-17	United States
EMS Canada, Ltd	Technologies	Pentagonal Helical Antenna Array	Granted	10085049	01-Mar-02	6664938	16-Dec-03	01-Mar-22	United States

EMS  
Canada, Ltd  
Technologies  
Polarimetric Dual Band Radiating  
Element for Synthetic Aperture Radar  
08/807,628  
27-Feb-97  
5952971  
14-Sep-99  
27-Feb-17  
United  
States

EMS  
Canada, Ltd  
Technologies  
Polarization Control in Contiguous  
Parabolic Antennas  
10/024,226  
21-Dec-01  
6707432  
16-Mar-04  
21-Dec-21  
United  
States

EMS  
Canada, Ltd  
Technologies  
RF Microwave Bellows Tuning Post  
08/810,293  
03-Mar-97  
5986526  
16-Nov-99  
03-Mar-17  
United  
States

EMS Canada, Ltd.	Technologies	Crossed bent dipole antenna	Filed	PCT/CA99/00 954	14-Oct-99	WO 00/24085	WIPO
EMS Canada, Ltd.	Technologies	Optical acquisition and tracking system	Filed	PCT/CA98/01 092	25-Nov-98	WO 99/30444	WIPO
EMS Canada, Ltd.	Technologies	Spin-Scan Array	Granted	10/079,914	22-Feb-02	6552695	United States
EMS Canada, Ltd.	Technologies	Steerable Antenna System with Fixed Feed Source	Granted	09/967,949	02-Oct-01	6492955	United States
EMS Canada, Ltd.	Technologies	Steerable Offset Antenna with Fixed Feed Source	Granted	10/265,600	08-Oct-02	6747604	United States
EMS Canada, Ltd.	Technologies	Synthetic Aperture Radar	Granted	09/020,240	06-Feb-98	5926125	United States
SPAR Aerospace Limited		Data Communication Satellite System and Method of Carrying Multi-Media Traffic	Granted	08/669,609	24-Jun-96	6377561	United States



SPAR Aerospace Limited	Divided LLBF/HMFA Architecture	Transmitted	Granted	248,190	23-Sep-88	4901085	13-Feb-90	23-Sep-08	United States
SPAR Aerospace Limited	Half-Band Filter for a Cellular Group Demultiplexer	Transmitted	Granted	08/605,940	29-Feb-96	5387939	24-Dec-96	02-May-14	United States

**EXECUTION COPY****INTELLECTUAL PROPERTY SECURITY AGREEMENT**

THIS AGREEMENT is made as of December 10, 2004 by EMS Technologies Canada, Ltd. ("EMS Canada") in favour of Bank of America, National Association (Canada branch), as Canadian collateral agent for the Lenders in connection with the Credit Agreement as defined below (the "the Secured Party").

WHEREAS EMS Canada has entered into a credit agreement made as of December 10, 2004 with Bank of America, National Association (Canada branch) (in its capacity as Canadian administrative agent and funding agent for the Lenders), the lenders party thereto from time to time (the "Lenders") and EMS Technologies, Inc. (as amended, supplemented, restated or replaced from time to time, the "Credit Agreement");

AND WHEREAS EMS Canada has agreed to grant to the Secured Party a security interest in EMS Canada's intellectual property and other related assets by entering into this agreement (as amended, supplemented, restated or replaced from time to time, this "Security Agreement");

NOW THEREFORE, for good and valuable consideration (the receipt and sufficiency of which are hereby acknowledged), EMS Canada covenants, acknowledges, represents and warrants as follows:

**1. INTERPRETATION**

Capitalized terms used but not defined in this Security Agreement shall have the meanings set out in the Credit Agreement. In this Security Agreement:

"Collateral" means all Intellectual Property and all Records with respect thereto and the Proceeds thereof, wherever located, and any item or part thereof;

"Confidential Information" means trade secrets, confidential information and confidential know-how which EMS Canada now or hereafter owns or in which EMS Canada now or hereafter has an interest. Confidential Information includes, without limitation, the following:

- (i) all unpatented inventions;
- (ii) all customer and supplier lists;
- (iii) all unpublished studies and data, prototypes, drawings, design and construction specifications and production, operating and quality control manuals;
- (iv) all marketing strategies and business plans;
- (v) all current or proposed business opportunities; and
- (vi) all documents, materials and media embodying other items of Confidential Information;

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**"Copyrights"** means all copyrights that EMS Canada now or hereafter owns or in which EMS Canada now or hereafter has an interest including, without limitation, all copyrights in the works listed on Schedule "A". Copyrights include, without limitation, all registrations and applications that have been or shall be made or filed in the Canadian Copyright Office or any similar office in any country in the world and all records thereof and all reissues, extensions or renewals thereof.

**"Designs"** means all industrial designs, design patents and other designs that EMS Canada now or hereafter owns or in which EMS Canada now or hereafter has an interest including, without limitation, all industrial designs, design patents and other designs listed on Schedule "B". Designs include, without limitation, all registrations and applications that have been or shall be made or filed in the Canadian Industrial Design Office or any similar office in any country in the world and all records thereof and all reissues, extensions or renewals thereof.

**"Intellectual Property"** means Confidential Information, Copyrights, Designs, Licence Agreements, Patents, Software and Trade-marks;

**"Licence Agreements"** means the Licensor Licence Agreements and the Licensee Licence Agreements;

**"Licensee Licence Agreements"** means all agreements under which EMS Canada has obtained or hereafter obtains rights or an option to acquire rights to use any intellectual property owned by a third party including, without limitation, those agreements listed on Schedule "C";

**"Licensor Licence Agreements"** means all agreements under which EMS Canada has granted or hereafter grants to a Person rights or an option to acquire rights to use any Intellectual Property including, without limitation, those agreements listed on Schedule "D";

**"Material Intellectual Property"** means the Intellectual Property the absence or loss of use which could reasonably be expected to have a Material Adverse Effect.

**"Obligations"** has the meaning assigned in the Credit Agreement;

**"Patents"** means all letters patent of invention and all applications for letters patent, renewals, reissues, extensions, divisions, continuations and continuations-in-part thereof which EMS Canada now or hereafter owns or in which EMS Canada now or hereafter has an interest including, without limitation, all letters patent, applications, renewals, reissues, extensions, divisions, continuations and continuations-in-part thereof listed on Schedule "E". Patents include, without limitation, all registrations and applications that have been or shall be made or filed in the Canadian Patent Office or any similar office in any country in the world and all records thereof and all reissues, extensions or renewals thereof.

**"Person"** is to be broadly interpreted and shall include an individual, a corporation, a limited liability company, an unlimited liability company, a partnership, a trust, an incorporated organization, a joint venture, the government of a country or any political

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subdivision of a country, or an agency or department of any such government, and the executors, administrators or other legal representatives of an individual in such capacity;

**"PPSA"** means the *Personal Property Security Act* of the Province of Ontario;

**"Proceeds"** means all fixtures, accounts, chattel paper, documents of title, instruments, money, securities, proceeds, earnings, income, royalties, rents, issues, profits and personal property in any form derived directly or indirectly from any dealing with or use of any item or part of the Collateral, or that indemnifies or compensates for such property destroyed, damaged, infringed upon or used without authorization and proceeds of Proceeds whether or not of the same type, class or kind as the original Proceeds, and any item or part thereof;

**"Records"** means:

- (i) all copies and representations of Intellectual Property in any form now known or in the future developed or discovered including, without limitation, those on paper, magnetic and optical media, and all working papers, notes, charts, drawings, materials and diagrams created in the process of developing the Intellectual Property;
- (ii) all books, accounts, invoices, letters, papers, security certificates, documents and other records in any form evidencing or relating in any way to the Collateral;
- (iii) all contracts, securities, instruments and other rights and benefits in respect of the Collateral; and
- (iv) any item or part of any of the preceding;

**"Schedule"** means any schedule attached to this Security Agreement and all such schedules shall form part of this Security Agreement.

**"Security Interest"** has the meaning set forth in Section 2(a) hereof;

**"Software"** means all computer programs and databases in whatever form and on whatever medium those programs or databases are expressed, fixed, embodied or stored from time to time, and the copyright therein which EMS Canada now or hereafter owns or in which EMS Canada now or hereafter has an interest in, including, without limitation, those listed on Schedule "F". Software includes both the object code and source code versions of each such program and all corrections, updates, enhancements, translations, modifications, adaptations and new versions thereof together with both the media upon or in which such software and databases are expressed, fixed, embodied or stored (such as disks, diskettes, tapes and semiconductor chips) and all flow charts, manuals, instructions, documentation and other material relating thereto; and

**"Trade-marks"** means all trade-marks that EMS Canada now or hereafter owns or in which EMS Canada now or hereafter has an interest, including, without limitation, those listed on Schedule "G". Trade-marks include, without limitation, the following:

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- (v) trade-marks, both registered and unregistered;
- (vi) designs, logos, indicia, trade-names, corporate names, company names, business names, trade styles and other source or business identifiers;
- (vii) fictitious characters; and
- (viii) all registrations and applications that have been or shall be made or filed in the Canadian Trade-marks Office or any similar office in any country in the world and all records thereof and all reissues, extensions, or renewals thereof.

Words and phrases defined in the PPSA and used without initial capitals in this Security Agreement and the terms "instrument" and "chattel paper" have the meanings assigned to them in the PPSA, unless the context otherwise requires.

## 2. GRANT OF SECURITY INTEREST

- (a) As general and continuing security for the due payment and performance of all Obligations, EMS Canada grants to the Secured Party, by way of charge, a security interest (the "Security Interest") in the Collateral;
- (b) the last day of the term of each licence granted to EMS Canada pursuant to the Licensee Licence Agreements shall be excepted from the Security Interest and shall not form part of the Collateral. EMS Canada shall stand possessed of that day in trust to assign and dispose of it as the Secured Party directs; and
- (c) if the granting of the Security Interest would result in a default under any contract forming part of the Collateral, then the attachment of the Security Interest to such contract shall be postponed until the earlier of (a) such time as EMS Canada is able to obtain, using reasonable efforts, the consent of the other parties to such contract to the granting of the Security Interest and (b) the occurrence of a default, under such contract and until the earlier of (a) and (b) EMS Canada shall stand possessed of such contract and shall hold it in trust to assign the same or dispose of the same to any person as requested by the Secured Party. In order that the full value of all such contracts may be realized for the benefit of the Secured Party, EMS Canada shall at its expense and at the request of the Secured Party from time to time, take all such action and do or cause to be done all such things as shall, in the reasonable opinion of the Secured Party, be necessary or proper in order that all such contracts shall enure to the benefit of the Secured Party.

## 3. REPRESENTATIONS AND WARRANTIES

EMS Canada represents and warrants to and in favour of the Secured Party as follows:

- (a) to the extent that any of the Schedules have been completed, they contain complete and accurate lists of the Material Intellectual Property of the type described in the applicable Schedule;

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- (b) all applications, registrations and grants for any of the Material Intellectual Property, including as identified in the Schedules, are subsisting and are in good standing, and all required filings with any governmental intellectual property office have been made and all required filing, registration, maintenance and other fees have been paid and, to the knowledge of EMS Canada, all applications and registrations and grants of any of the Material Intellectual Property are valid;
- (c) to the knowledge of EMS Canada, the use of any of the Material Intellectual Property by EMS Canada does not contravene any law or violate or infringe upon the rights of any Person, and no such claim has been made, except for those Trade-marks identified by an asterisk in Schedule "G", which are subject to opposition proceedings pursuant to the *Trade-marks Act*;
- (d) except for rights granted under Licensor Licence Agreements, rights retained by any licensor under Licensee Licence Agreements, Liens granted to the Secured Party and Permitted Encumbrances, EMS Canada is the sole legal and beneficial owner of the Material Intellectual Property free and clear of all Encumbrances.

The Secured Party has relied upon each such representation and warranty notwithstanding any investigation the Secured Party may have made.

#### 4. COVENANTS

- (a) EMS Canada shall use the Collateral and conduct its business in a proper and efficient manner so as to preserve and protect the Collateral, provided that it is acknowledged and agreed that EMS Canada is under no obligation to use or continue to use any Material Intellectual Property if it determines that such Material Intellectual Property is no longer commercially beneficial in the normal conduct of its business;
- (b) to the extent it is commercially reasonable, EMS Canada shall duly comply with all requirements of any governmental authority applicable to any Collateral or its use and with all covenants, terms or conditions upon which any Collateral is held or used;
- (c) EMS Canada shall at all times do, execute, acknowledge and deliver or cause to be done, executed, acknowledged and delivered all such further acts, deeds, transfers, assignments, agreements and assurances as the Secured Party may reasonably require in order to give effect to the provisions of this Security Agreement;
- (d) EMS Canada shall notify the Secured Party in writing:
  - (i) forthwith of any loss of or damage to any Material Intellectual Property or to any Collateral that could reasonably be expected to have a Material Adverse Effect;
  - (ii) forthwith of the failure of any account debtor or licensee to pay any amount or perform any obligations due to EMS Canada in respect of the

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Collateral, provided such failure could reasonably be expected to have a Material Adverse Effect;

- (iii) forthwith of any action or proceeding, including, without limitation, any proceeding before any court, administrative board or other tribunal, which, if determined adversely to it, could reasonably be expected to have a Material Adverse Effect on the financial condition of EMS Canada, any Collateral or EMS Canada's rights in any Collateral; and
  - (iv) on December 10<sup>th</sup> each year and provide updated versions of the Schedules, including all changes to the Material Intellectual Property and License Agreements, including additional Material Intellectual Property in which EMS Canada thereafter has rights;
- (e) EMS Canada shall:
- (i) protect, defend and maintain the ownership, validity and enforceability of the Material Intellectual Property, provided that it is acknowledged and agreed that it is under no obligation to use or continue to use any Material Intellectual Property if it determines that such Material Intellectual Property is no longer commercially beneficial in the normal conduct of its business, or to pursue infringers or violators of the Intellectual Property if in its reasonable judgment it would not be commercially prudent to do so and the ownership, validity and enforceability of the Material Intellectual Property is not otherwise at risk;
  - (ii) in accordance with its prudent business judgment, apply to register (to the extent registrable) with the Canadian Intellectual Property Office any unregistered Material Intellectual Property and any additional Material Intellectual Property developed or acquired by it from time to time;
  - (iii) cause Persons who have access to the Confidential Information to enter into non-disclosure agreements in a form acceptable to the Secured Party, acting reasonably;
  - (iv) ensure that Licence Agreements executed by EMS Canada adequately protect, in its reasonable business judgment, EMS Canada's rights in the subject Intellectual Property;
  - (v) perform its obligations under Licence Agreements;
  - (vi) commence and prosecute, at its own expense, such suits, proceedings or other actions for infringement, passing off, unfair competition, dilution or other damage as are in its reasonable business judgment necessary to protect the Collateral;
  - (vii) diligently, at its own expense, enforce its rights under any agreements which, in its reasonable business judgment, enhance the value of and/or protect the Collateral;

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- (f) EMS Canada shall, on request from the Secured Party, put all source code for the Software owned by it in escrow with an escrow agent acceptable to the Secured Party under a software escrow agreement acceptable to the Secured Party acting reasonably;
- (g) EMS Canada shall not, without the prior written consent of the Secured Party, enter into any further material Licence Agreements except in the ordinary course of business or if the entering into of such Licence Agreement by EMS Canada would not reasonably be expected to have a Material Adverse Effect; and
- (h) EMS Canada appoints any officer or director or branch manager of the Secured Party to be its attorney in accordance with the *Powers of Attorneys Act (Ontario)* with full power of substitution and to do on EMS Canada's behalf anything that EMS Canada can lawfully do by an attorney to register and otherwise perfect the Security Interest in the Collateral and, after default (as that term is defined in Section 6 below), to preserve and protect the Collateral and to carry out EMS Canada's obligations under this Security Agreement. This power of attorney is coupled with an interest and is irrevocable until the release or discharge of the Security Interest.

## 5. INDEMNITY

- (a) EMS Canada agrees to indemnify, reimburse and hold the Secured Party and the Lenders, and their respective successors, assigns, employees, officers, directors, affiliates, agents and servants (hereinafter in this Section referred to individually as an "Indemnitee," and, collectively, as "Indemnitees") harmless from any and all liabilities, obligations, losses, damages, injuries, penalties, claims, demands, actions, suits, judgments and any and all costs, expenses or disbursements (including reasonable attorneys' fees and expenses) (for the purposes of this Section the foregoing are collectively called "expenses") of whatsoever kind and nature imposed on, asserted against or incurred by any of the Indemnitees in any way relating to or arising out of this Agreement, any other Loan Documents or any other document executed in connection herewith or therewith or in any other way connected with the administration of the transactions contemplated hereby or thereby or the enforcement of any of the terms of, or the preservation of any rights under any thereof, or in any way relating to or arising out of the manufacture, ownership, ordering, purchase, delivery, control, acceptance, lease, financing, possession, operation, condition, sale, return or other disposition, or use of the Collateral (including, without limitation, latent or other defects, whether or not discoverable), including the violation by EMS Canada of the laws of any country, state or other governmental body or unit, any tort (including, without limitation, claims arising or imposed under the doctrine of strict liability, or for or on account of injury to or the death of any Person (including any Indemnitee), or property damage), claim that the Intellectual Property infringes or violates any third party rights, or contract claim; provided that such indemnity shall not, as to any Indemnitee, be available to the extent that such losses, claims, damages, liabilities or related expenses (i) are determined by a court of competent jurisdiction by final and nonappealable judgment to have resulted from the gross negligence or wilful misconduct of such Indemnitee or (ii) result from a claim brought by EMS



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Canada against an Indemnitee for a material breach of such Indemnitee's obligations hereunder, if EMS Canada has obtained a final and nonappealable judgment in its favour on such claim as determined by a court of competent jurisdiction. EMS Canada agrees that upon written notice by any Indemnitee of the assertion of such a liability, obligation, loss, damage, injury, penalty, claim, demand, action, suit or judgment, EMS Canada shall assume full responsibility for the defense thereof. Each Indemnitee agrees to use its commercially reasonable efforts to promptly notify EMS Canada of any such assertion of which such Indemnitee has knowledge.

- (b) Without limiting the application of subsection (a) above, EMS Canada agrees to pay, or reimburse the Secured Party for any and all reasonable fees, costs and expenses of whatever kind or nature incurred in connection with the creation, preservation or protection of the Secured Party's security interest in the Collateral, including, without limitation, all fees and taxes in connection with the recording or filing of instruments and documents in public offices, payment or discharge of any taxes or Liens upon or in respect of the Collateral, premiums for insurance with respect to the Collateral and all other reasonable fees, costs and expenses in connection with protecting, maintaining or preserving the Collateral and the Secured Party's interest therein, whether through judicial proceedings or otherwise, or in defending or prosecuting any actions, suits or proceedings arising out of or relating to the Collateral.
- (c) Without limiting the application of subsections (a) or (b) above, the EMS Canada agrees to pay, indemnify and hold each Indemnitee harmless from and against any loss, costs, damages and expenses which such Indemnitee may suffer, expend or incur in consequence of or growing out of any material misrepresentation by EMS Canada in this Agreement, any other Loan Document or in any writing contemplated by or made or delivered pursuant to or in connection with this Agreement or any other Loan Document.
- (d) If and to the extent that the obligations of EMS Canada under this Section are unenforceable for any reason, EMS Canada hereby agrees to make the maximum contribution to the payment and satisfaction of such obligations which is permissible under applicable law. This Section 5 shall survive the termination of this Agreement.

## 6. DEFAULT

The happening of an Event of Default, as defined in the Credit Agreement, shall constitute a default hereunder and shall be referred to hereafter as a "default".

## 7. REMEDIES

- (a) On or after the occurrence and during the continuance of any Event of Default,
  - (i) any or all of the Obligations will at the option of the Secured Party become immediately due and payable or be subject to immediate performance, as the case may be, without presentment, protest or notice of dishonour, all of which are expressly waived;
  - (ii) the obligation, if any, of the Secured Party to extend further

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credit to EMS Canada will cease; (iii) any or all security granted hereby will, at the option of the Secured Party, become immediately enforceable; and (iv) in addition to any right or remedy provided by law, the Secured Party will have the rights and remedies set out below, all of which rights and remedies will be enforceable successively, concurrently or both:

- (i) the Secured Party may by appointment in writing appoint a receiver or receiver and manager (each herein referred to as the "Receiver") of the Collateral (which term when used in this Section 7(a)(i) will include the whole or any part of the Collateral) and may remove or replace such Receiver from time to time or may institute proceedings in any court of competent jurisdiction for the appointment of a Receiver of the Collateral; and the term "Secured Party" when used in this Section 7(a)(i) will include any Receiver so appointed and the agents, officers and employees of such Receiver; and the Secured Party will not be in any way responsible for any misconduct or negligence of any such Receiver;
- (ii) the Secured Party may take possession of the Collateral and require EMS Canada to assemble the Collateral and deliver or make the Collateral available to the Secured Party at such place or places as may be specified by the Secured Party acting reasonably;
- (iii) the Secured Party may take such steps as it considers desirable to maintain, preserve or protect the Collateral;
- (iv) the Secured Party may carry on or concur in the carrying on of all or any part of the business of EMS Canada;
- (v) the Secured Party may enforce any rights of EMS Canada in respect of the Collateral by any manner permitted by law;
- (vi) the Secured Party may sell, lease or otherwise dispose of the Collateral at public auction, by private tender, by private sale or otherwise either for cash or upon credit upon such terms and conditions as the Secured Party may determine and without notice to EMS Canada unless required by law;
- (vii) the Secured Party may accept the Collateral in satisfaction of the Obligations upon notice to EMS Canada of its intention to do so in the manner required by law;
- (viii) subject to Applicable Law, the Secured Party may, for any purpose specified herein, borrow money on the security of the Collateral in priority to the security interest, assignment and mortgage and charge granted by this Security Agreement;
- (ix) the Secured Party may enter upon, occupy and use all or any of the premises, buildings and plants occupied by EMS Canada and use all or any of the equipment and other personal property of EMS Canada for such time as the Secured Party requires to facilitate the realization of the

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Collateral, free of charge, and the Secured Party will not be liable to EMS Canada for any neglect in so doing or in respect of any rent, charges, depreciation or damages in connection with such actions;

- (x) the Secured Party may charge on its own behalf and pay to others all reasonable amounts for expenses incurred and for services rendered in connection with the exercise of the rights and remedies of the Secured Party hereunder, including, without limiting the generality of the foregoing, reasonable legal, Receiver and accounting fees and expenses, and in every such case the amounts so paid together with all costs, charges and expenses incurred in connection therewith, including interest thereon at such rate as the Secured Party deems reasonable, will be added to and form part of the Obligations hereby secured; and
  - (xi) the Secured Party may discharge any claim, lien, mortgage, charge, security interest, encumbrance or any rights of others that may exist or be threatened against the Collateral, and in every such case the amounts so paid together with costs, charges and expenses incurred in connection therewith will be added to the Obligations hereby secured.
- (b) The Secured Party may (i) grant extensions of time, (ii) take and perfect or abstain from taking and perfecting security, (iii) give up securities, (iv) accept compositions or compromises, (v) grant releases and discharges, and (vi) release any part of the Collateral or otherwise deal with EMS Canada, debtors of EMS Canada, sureties and others and with the Collateral and other security as the Secured Party sees fit without prejudice to the liability of EMS Canada to the Secured Party or the Secured Party's rights hereunder.
  - (c) The Secured Party will not be liable or responsible for any failure to seize, collect, realize, or obtain payment with respect to the Collateral and is not bound to institute proceedings or to take other steps for the purpose of seizing, collecting, realizing or obtaining possession or payment with respect to the Collateral or for the purpose of preserving any rights of the Secured Party, EMS Canada or any other person, in respect of the Collateral.
  - (d) The Secured Party may apply any proceeds of realization of the Collateral to payment of expenses in connection with the preservation and realization of the Collateral as above described and the Secured Party may apply any balance of such proceeds to payment of the Obligations in such order as the Secured Party sees fit. If there is any surplus remaining, the Secured Party may pay it to any person having a claim thereto in priority to EMS Canada of whom the Secured Party has knowledge and any balance remaining must be paid to EMS Canada. If the disposition of the Collateral fails to satisfy the Obligations secured by this Security Agreement and the aforesaid expenses, EMS Canada will be liable to pay any deficiency to the Secured Party forthwith on demand.

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**8. EMS CANADA REMAINS LIABLE**

- (a) EMS Canada shall perform all of its duties and obligations under all License Agreements unless EMS Canada not doing so would not reasonably be expected to have a Material Adverse Effect.
- (b) In no event shall the Secured Party have any obligation or liability under the Licence Agreements by reason of this Security Agreement, nor shall the Secured Party be obliged to perform any of the obligations or duties of EMS Canada thereunder or to take any action to collect or enforce any claim for payment assigned hereunder. The rights and powers conferred on the Secured Party hereunder are solely to protect its interest in the Collateral and shall not impose any duty upon it to exercise any such powers.

**9. MISCELLANEOUS**

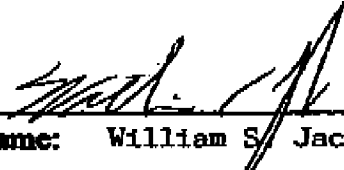
- (a) No delay or omission by the Secured Party in exercising any right or remedy hereunder or with respect to any Obligations shall operate as a waiver thereof or of any other right or remedy, and no single or partial exercise thereof shall preclude any other or further exercise thereof or the exercise of any other right or remedy. Furthermore, the Secured Party may remedy any default by EMS Canada hereunder or with respect to any Obligations in any reasonable manner without waiving the default remedied and without waiving any other prior or subsequent default by EMS Canada. All rights and remedies of the Secured Party granted or recognized herein are cumulative and may be exercised at any time and from time to time independently or in combination;
- (b) the headings used in this Security Agreement are for convenience only and are not to be considered a part of this Security Agreement and do not in any way limit or amplify the terms and provisions of this Security Agreement;
- (c) when the context so requires, the singular number shall be read as if the plural were expressed and the provisions hereof shall be read with all grammatical changes necessary dependent upon the person referred to being a male, female, firm or corporation;
- (d) the Security Interest created hereby is intended to attach when this Security Agreement is signed by EMS Canada and delivered to the Secured Party;
- (e) the Secured Party may grant extensions of time and other indulgences, take and give up security, accept compositions, compound, compromise, settle, grant releases and discharges and otherwise deal with EMS Canada, debtors of EMS Canada, sureties and others and with Collateral and other security as the Secured Party may see fit without prejudice to the liability of EMS Canada or the Secured Party's right to hold and realize the Security Interest. Furthermore, the Secured Party may demand, collect and sue on Collateral in either EMS Canada's or the Secured Party's name, at the Secured Party's option, and may endorse EMS Canada's name on any and all cheques, commercial paper and any other Instruments pertaining to or constituting Collateral;

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- (f) notice to be given under this Security Agreement shall be given and received in accordance with the Credit Agreement;
- (g) this Security Agreement shall be governed by and interpreted in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein and each of the parties irrevocably attorns to the non-exclusive jurisdiction of the courts of Ontario;
- (h) EMS Canada hereby acknowledges receipt of a copy of this Security Agreement;
- (i) any provision of this Security Agreement which is or becomes prohibited or unenforceable in any relevant jurisdiction shall not invalidate or impair the remaining provisions hereof which shall be deemed severable from such prohibited or unenforceable provision and any such prohibition or unenforceability in any such jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction;
- (j) EMS Canada hereby acknowledges that the Secured Party may record a confirmation of this Security Agreement, in the form attached hereto as Schedule "H" (the "Confirmation of Security Agreement"), including, without limitation, in any government offices in any jurisdiction worldwide, and in such event it will be available to the public for inspection. EMS Canada shall cooperate with and assist the Secured Party, as requested by the Secured Party, with respect to any recordal of or relating to the Confirmation of Security Agreement, which the Secured Party deems appropriate; and
- (k) This Agreement has been entered into pursuant to the provisions of the Credit Agreement and is subject to all the terms and conditions thereof and, if there is any conflict or inconsistency between the provisions of this Agreement and the provisions of the Credit Agreement, the rights and obligations of the parties will be governed by the provisions of the Credit Agreement.

**IN WITNESS WHEREOF EMS Canada has executed this Security Agreement as of the date first above referenced.**

**EMS TECHNOLOGIES CANADA, LTD.**

By:   
\_\_\_\_\_  
**Name:** William S. Jacobs  
**Title:** Vice President - Legal Affairs

By: \_\_\_\_\_  
**Name:**  
**Title:**

**SCHEDULE "A"**  
**COPYRIGHT**

There is no registered copyright as of December 10, 2004.

**SCHEDULE "B"**  
**DESIGNS**

There are no registered designs as of December 10, 2004.



**SCHEDULE "C"****LICENSEE LICENCE AGREEMENTS**

1. License Agreement between Her Majesty The Queen in Right of Canada as represented by the Minister of Industry, Science and Technology Canada, as licensor, and Cal Corporation, as licensee, dated November 24, 1994
  - (a) Supplement Agreement dated August 3, 1995
2. License Agreement between Her Majesty The Queen in Right of Canada as represented by the Minister of Industry, as licensor, and Cal Corporation, as licensee, dated June 11, 1996
3. License Agreement between International Mobile Satellite Organization an international organization established by the Convention of the International Mobile Satellite Organization, as licensor, and Ottercom Ltd., as licensee, dated December 24, 1997
4. License Agreement between Accelerated Technology Inc., as licensor, and Ottercom Ltd., a division of TRL Technology Ltd., as licensee, dated June 24, 1999
5. License Agreement between Digital Space Systems Inc., as licensor, and Air Force Coordination Center, as licensee, dated September 14, 1999
6. License Agreement between Her Majesty The Queen in Right of Canada, as represented by the Minister of Industry, through the Communications Research Centre Canada, as licensor, and EMS, as licensee, dated April 13, 2000
7. License Agreement between Inmarsat Limited, as licensor, and TRL Technology Ltd., as licensee, dated July 24, 2000
8. License Agreement between Her Majesty The Queen in Right of Canada as represented by the Minister of National Defence, as licensor, and Digital Space Systems Inc., as licensee, dated September 11, 2000
9. License Agreement between Telesoft International, Inc., as licensor, and EMS, as licensee, dated October 18, 2001
10. License Agreement between Digital Voice Systems, Inc., as licensor, and EMS Satcom UK, Ltd., as licensee, dated June 18, 2002
  - (a) First Amendment dated March 16, 2004 among Digital Voice Systems, Inc., as licensor, and EMS and EMS Satcom UK, Ltd., as licensees, to License Agreement between Digital Voice Systems, Inc., as licensor, and EMS Satcom UK, Ltd., as licensee, dated June 18, 2002
11. Software support agreement between JTAG Technologies BV, as vendor, and EMS Ltd., as purchaser, dated September 23, 2002
12. License Agreement among Mentor Graphics (Ireland) Ltd., as licensor, and EMS and EMS Satcom UK Ltd., as licensees, dated April 15, 2003

13. License Agreement between Mitsubishi Electric Corporation, as licensor, and EMS, as licensee, dated August 30, 2004

**SCHEDULE "D"**  
**LICENSOR LICENCE AGREEMENTS**

one.

## SCHEDULE "E"

## PATENTS

<u>Current Owner Name</u>	<u>Title</u>	<u>Status Description</u>	<u>Application Number</u>	<u>Application Date</u>	<u>Patent Number</u>	<u>Grant Date</u>	<u>Expiration Date</u>	<u>Country</u>
CAL Corporation	Antenna Pointing Mechanism	Granted	07944,278	14-Sep-92	5389940	14-Feb-95	14-Sep-12	United States
CAL Corporation	Capacitive Pressure Transducer with Reference Capacitor	Granted	08754,171	25-Nov-96	5760311	02-Jun-98	25-Nov-16	United States
CAL Corporation	Deployable Double-Membrane Surface Antenna	Granted	08646,092	07-May-96	5777582	07-Jul-98	07-May-16	United States
CAL Corporation	End Loaded Helix Antenna	Granted	07893,525	04-Jun-92	5329287	12-Jul-94	04-Jun-12	United States
CAL Corporation	Helical Microstrip Antenna with Impedance Taper	Granted	08458,252	02-Jun-95	5677699	14-Oct-97	02-Jun-15	United States
CAL Corporation	Target Light Detection	Granted	08769,625	18-Dec-96	5815590	29-Sep-98	18-Dec-16	United States
EMIS Technologies Canada, Ltd.	Half-Band Filter for a Cellular Group Demultiplexer	Granted	2122652	02-May-94	2122652	20-Feb-01	02-May-14	Canada

EMS Technologies Canada, Ltd.	Compact Dielectric Resonator Element for Low Profile Scanning Applications	Filed	60/555,631	23-Mar-04	23-Mar-24	United States
EMS Technologies Canada, Ltd.	Complementary Dual Antenna System	Filed	10/301,692	22-Nov-02	22-Nov-22	United States
EMS Technologies Canada, Ltd.	Crossed Bent Dipole Antenna	Filed	2/265,132	10-Mar-99	10-Mar-19	Canada
EMS Technologies Canada, Ltd.	Helical Antenna (Helix Support)	Filed	TBD	18-Jun-04	18-Jun-24	United States
EMS Technologies Canada, Ltd.	High Performance Multimode Horn	Filed	14/009,906	18-Apr-01		EPC
EMS Technologies Canada, Ltd.	Hybrid Frequency Offset Estimator	Filed	10/938,299	10-Sep-04	10-Sep-24	United States
EMS Technologies Canada, Ltd.	Hybrid Frequency Offset Estimator	Filed	TBD	10-Sep-04		PCT
EMS Technologies Canada, Ltd.	Joint Synchronizer and Decoder	Filed	10/938,305	10-Sep-04	10-Sep-24	United States
EMS Technologies Canada, Ltd.	Joint Synchronizer and Decoder	Filed	TBD	10-Sep-04		PCT
EMS Technologies Canada, Ltd.	On-Board Processor for Satellite Communications	Filed	EP 2000310420	23-Nov-00		EPC

EMS Canada, Ltd.	Technologies	Multimedia aircraft antenna	Granted	24229	21-Dec-01	6677908	13-Jan-04	21-Dec-21	United States
EMS Canada, Ltd.	Technologies	Pentagonal Helical Antenna Array	Filed	2408480	17-Oct-02			17-Oct-22	Canada
EMS Canada, Ltd.	Technologies	Synthetic Aperture Radar	Filed	2201262	27-Mar-97			27-Mar-17	Canada
EMS Canada, Ltd.	Technologies	14/12 GHz Duplexer	Granted	524491	04-Dec-86	1259676	19-Sep-89	04-Dec-06	Canada
EMS Canada, Ltd.	Technologies	Antenna Pointing Mechanism	Granted	2099654	24-Jun-93	2099654	26-May-96	24-Jun-13	Canada
EMS Canada, Ltd.	Technologies	Apparatus and Method for Demultiplexing a Frequency Division Multiplexed Input Signal and Polyphase Digital Filter Network Therefor	Granted	09314,221	19-May-99	6493358	10-Dec-02	19-May-19	United States
EMS Canada, Ltd.	Technologies	Aircraft mounted dual blade antenna array	Granted	307703	10-May-99	6208304	27-Mar-01	10-May-19	United States
EMS Canada, Ltd.	Technologies	Top-fed quadraflar helical antenna	Granted	377052	19-Aug-99	6181298	30-Jan-01	19-Aug-19	United States
EMS Canada, Ltd.	Technologies	Apparatus and Method for Detecting a Target Light Source	Granted	851237	25-Nov-97	97309480 .8	14-Aug-02	25-Nov-17	France
EMS Canada, Ltd.	Technologies	Apparatus and Method for Detecting a Target Light Source	Granted	97309480.8	25-Nov-97	851237	14-Aug-02	25-Nov-17	EPC

EMS Canada, Ltd.	Technologies	Broadband Dielectric Surface	Granted	09/837,214	19-Apr-01	6407716	18-Jun-02	19-Apr-21	United States
EMS Canada, Ltd.	Technologies	Broadband Rate Control Allocation (BRCA) for Congestion Avoidance in Satellite ATM Networks	Granted	09/295,377	21-Apr-99	6445707	03-Sep-02	21-Apr-19	United States
EMS Canada, Ltd.	Technologies	Crossed Drooping Bent Dipole Antenna	Granted	09/174,001	16-Oct-98	6211840	03-Apr-01	16-Oct-18	United States
EMS Canada, Ltd.	Technologies	End Loaded Helix Antenna	Granted	2061743	24-Feb-92	2061743	14-May-96	24-Feb-12	Canada
EMS Canada, Ltd.	Technologies	Helical Microstrip Antenna with Impedance Taper	Granted	2136920	29-Nov-94	2136920	19-Feb-02	29-Nov-14	Canada
EMS Canada, Ltd.	Technologies	High Performance Multimode Horn	Granted	09/833,713	13-Apr-01	6396453	28-May-02	13-Apr-21	United States
EMS Canada, Ltd.	Technologies	High Power Broadband Feed	Granted	10/079,911	22-Feb-02	6603438	05-Aug-03	22-Feb-22	United States
EMS Canada, Ltd.	Technologies	Layered Dual Frequency Antenna Array	Granted	349344	02-Dec-94	5661493	26-Aug-97	02-Dec-14	United States
EMS Canada, Ltd.	Technologies	Low Sidelobe Contiguous-Parabolic Reflector Array	Granted	10/079,913	22-Feb-02	6563473	13-May-03	22-Feb-22	United States
EMS Canada, Ltd.	Technologies	Mechanism for Differential Dual-Directional Antenna Array	Granted	09/886,116	22-Jun-01	6407714	18-Jun-02	22-Jun-21	United States

EMS Technologies Canada, Ltd.	Mechanism for Differential Dual-Directional Antenna Array	Granted	10/166,702	12-Jun-02	6738024	18-May-04	22-Jun-21	United States
EMS Technologies Canada, Ltd.	Method for Fabricating Luneburg Lenses	Granted	10/259,889	20-Sep-02	6721103	13-Apr-04	30-Sep-22	United States
EMS Technologies Canada, Ltd.	Mini-Cap Radiating Element	Granted	08/567,986	11-Dec-95	5633646	27-May-97	11-Dec-15	United States
EMS Technologies Canada, Ltd.	Mini-Cap Radiating Element	Granted	2182334	30-Jul-96	2182334	19-Feb-02	30-Jul-16	Canada
EMS Technologies Canada, Ltd.	Optical Acquisition and Tracking System	Granted	08/987,447	10-Dec-97	5973310	26-Oct-99	10-Dec-17	United States
EMS Technologies Canada, Ltd.	Pentagonal Helical Antenna Array	Granted	10085049	01-Mar-02	6664938	16-Dec-03	01-Mar-22	United States
EMS Technologies Canada, Ltd.	Phase Slope Equalizer	Granted	483180	05-Jun-85	1234912	05-Apr-88	05-Jun-05	Canada
EMS Technologies Canada, Ltd.	Method for improving isolation of an antenna mounted on a structure	Filed	20030293345	29-Dec-03				IPC
EMS Technologies Canada, Ltd.	Steerable antenna system with fixed feed source	Filed	20020292622	23-Oct-02				IPC
EMS Technologies Canada, Ltd.	Steerable offset antenna system with fixed feed source	Filed	20030292416	23-Oct-02				IPC



EMS Technologies Canada, Ltd.	Radiating Element Incorporating Impedance Transformation Capabilities	Granted	2047896	25-Jul-91	2047896	14-Apr-98	25-Jul-11	Canada
EMS Technologies Canada, Ltd.	Polarimetric Dual Band Radiating Element for Synthetic Aperture Radar	Granted	08/807,628	27-Feb-97	5952971	14-Sep-99	27-Feb-17	United States
EMS Technologies Canada, Ltd.	Polarimetric Dual Band Radiating Element for Synthetic Aperture Radar	Granted	2203077	18-Apr-97	2203077	12-May-00	18-Apr-17	Canada
EMS Technologies Canada, Ltd.	Polarization Control in Contiguous Parabolic Antennas	Granted	10/024,228	21-Dec-01	6707432	16-Mar-04	21-Dec-21	United States
EMS Technologies Canada, Ltd.	Apparatus and method for detecting a target light source	Filed	19970309480	25-Nov-97	DE 69714695			Germany
EMS Technologies Canada, Ltd.	RF Microwave Bellows Tuning Post	Granted	08/810,293	03-Mar-97	5986526	16-Nov-99	03-Mar-17	United States
EMS Technologies Canada, Ltd.	RF Microwave Bellows Tuning Post	Granted	9803861.5	24-Feb-98	GB 2323972A	07-Oct-98	24-Feb-18	Great Britain
EMS Technologies Canada, Ltd.	Phase Slope Equalizer for Satellite Antennas	Granted	1260083	4-Dec-86	1260083	26-Sep-89	26-Sep-06	Canada
EMS Technologies Canada, Ltd.	RF Microwave Bellows Tuning Post	Granted	9802526	03-Mar-98	2760294	14-May-99	03-Mar-18	France
EMS Technologies Canada, Ltd.	Vorrichtung und verfahren zur erkennung eines leuchtendsten zieltes	Filed	19970309480	25-Nov-97	AT 0222370			Austria

Applicant	Inventor	Title	IPC Class.	Pub. No.	Pub. Date	App. No.	App. Date	Grant Date	Country
EMS Technologies Canada, Ltd.	AU 6321499A	Crossed bent dipole antenna							Australia
EMS Technologies Canada, Ltd.	WO 00/24085	Crossed bent dipole antenna	PCT/CA99/00 954		14-Oct-99				WIPO
EMS Technologies Canada, Ltd.	WO 99/30444	Optical acquisition and tracking system	PCT/CA98/01 092		25-Nov-98				WIPO
EMS Technologies Canada, Ltd.	6552695	Spin-Scan Array	110/079,914		22-Feb-02		22-Apr-03	22-Feb-22	United States
EMS Technologies Canada, Ltd.	6492955	Steerable Antenna System with Fixed Feed Source	09/967,949		02-Oct-01		10-Dec-02	02-Oct-21	United States
EMS Technologies Canada, Ltd.	6747604	Steerable Offset Antenna with Fixed Feed Source	10/265,600		08-Oct-02		08-Jun-04	08-Oct-22	United States
EMS Technologies Canada, Ltd.	5926125	Synthetic Aperture Radar	09/020,240		06-Feb-98		20-Jul-99	06-Feb-18	United States
EMS Technologies Canada, Ltd.	2220713	Target Light Detection	2220713		10-Nov-97		07-Aug-01	10-Nov-17	Canada
SPAR Aerospace Limited	6377561	Data Communication Satellite System and Method of Carrying Multi-Media Traffic	08/669,609		24-Jun-96		23-Apr-02	24-Jun-16	United States

SPAR Aerospace Limited	Divided LLBN/MPA Architecture	Transmitted	Granted	248190	23-Sep-88	4901085	13-Feb-90	23-Sep-08	United States
SPAR Aerospace Limited	Half-Band Filter for a Cellular Group Demultiplexer		Granted	08608,940	29-Feb-96	5587939	24-Dec-96	02-May-14	United States
Canadian Astronautics Limited	Side-Looking Airborne Radar (SLAR) Antenna		Granted	472358	15-Jan-85	1233246	23-Feb-88	23-Feb-05	Canada
EMS Technologies Canada, Ltd.; CAL Corporation	Deployable Double-Membrane Surface Antenna		Filed	2149492	16-May-95			16-May-15	Canada
Nortel Networks Limited	Helical Antenna (Helix Support)		Filed	TBD	18-Jun-04				PCT
EMS Technologies Canada, Ltd., Nortel Networks Limited, Astrin, SAS	On-Board Processor for Satellite Communications		Filed	2327411	27-Nov-00			27-Nov-20	Canada

Canada

12-Sep-06

12-Sep-89

1259401

18-Jan-85

472357

Granted

Composite Waveguide Coupling  
Aperture Having a Thickness Dimension

EMS Technologies  
Canada, Ltd., Canadian  
Astronautics Limited

**SCHEDULE "F"**

**SOFTWARE**

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All software that is embedded in or forms a part of the products distributed or services provided by EMS Technologies Canada, Ltd. that is not third party software licensed to EMS Technologies Canada, Ltd.

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**SCHEDULE "G"  
TRADE-MARKS**

Mark Name	Application Number	Registration Number	Country	Application Date	Registration Date	Status	Current Owner Name
DUALPOL	75/300,187	2252089	United States	29-May-97	8-Jun-99	Registered	EMS Technologies, Inc.
ENROUTE. . . but still in touch	1,178,273		Canada	16-May-03		Allowed	EMS Technologies Canada, Ltd.
JEMPRS-M2C2	1,178,272		Canada	16-May-03		Allowed	EMS Technologies Canada, Ltd.
CALQUEST	794709	TMA464,489	Canada	12-Oct-95	18-Oct-96	Registered	EMS Technologies Canada, Ltd.
DESIGN	783091	TMA459,534	Canada	18-May-95	14-Jun-96	Registered	EMS Technologies Canada, Ltd.
CALQUEST	836349	TMA505,558	Canada	13-Feb-97	15-Dec-98	Registered	EMS Technologies Canada, Ltd.
CALTRAC							
Cabin Network Xcelerator	78/397,303		United States	6-Apr-04		Filed	EMS Technologies Canada, Ltd.
CNX	78/397,321		United States	6-Apr-04		Filed	EMS Technologies Canada, Ltd.
Xstream 4800	78/397,313		United States	6-Apr-04		Filed	EMS Technologies Canada, Ltd.
UTILITRAC	78/467,330		United States	13-Aug-04		Filed	EMS Technologies Canada, Ltd.
CALQUEST	75/086,552	2098883	United States	10-Apr-96	23-Sep-97	Registered	EMS Technologies Canada, Ltd.
CALQUEST	74/735,117	2106236	United States	28-Sep-95	21-Oct-97	Registered	EMS Technologies Canada, Ltd.
CALTRAC	75/347,534	2352321	United States	26-Aug-97	23-May-00	Registered	EMS Technologies Canada, Ltd.
IAN	75/731,369	2486682	United States	17-Jun-99	11-Sep-01	Registered	EMS Technologies Canada, Ltd.
ENROUTE. . . but still in touch	78/250,779			16-May-03			EMS Technologies Canada, Ltd.

Schedule "H"Confirmation of Security Agreement**BACKGROUND:**

(A) EMS Technologies Canada, Ltd., of ●, a corporation existing under the laws of the Province of ● (the "Borrower"), is the owner of (i) the trade-marks, registrations and applications for trade-marks set forth in Schedule "A", the underlying goodwill associated with the business in association with which such trade-marks are used (collectively, the "Trade-marks") and (ii) the inventions, patent applications and patents in relation thereto set forth in Schedule "B" (collectively, the "Patents");

(B) Pursuant to a Credit Agreement, dated as of ●, 2004, (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Credit Agreement"), amongst the Borrower and the Bank of America, National Association (Canada branch), in its capacity as Canadian administrative agent and funding agent for the Lenders) (the "Secured Party"), the lenders party thereto from time to time (the "Lenders") and EMS Technologies, Inc., the Secured Party has agreed to make available to or for the account of the Borrower certain financial accommodations as specified therein.

(C) In accordance with its obligations under the Credit Agreement, the Borrower entered into an Intellectual Property Security Agreement, dated ●, 2004 (the "IP Security Agreement") pursuant to which the Borrower granted a security interest in and to, *inter alia*, the Trademarks and Patents to the Secured Party in order to secure the payment and performance of its Obligations described therein.

**NOW THEREFORE**, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Borrower hereby confirms the grant under the IP Security Agreement to the Secured Party of the security interest in and to the Trademarks and Patents.

DATED at \_\_\_\_\_ this \_\_\_\_\_ day of December, 2004.

[SIGNATURE PAGE FOLLOWS]