

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI792111

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
L3Harris Aviation Products, Inc.	01/30/2025
RECEIVING PARTY DATA	
Company Name:	Aviation Communication & Surveillance Systems, LLC
Street Address:	19810 N. 7th Avenue
Internal Address:	Suite C100
City:	Phoenix
State/Country:	ARIZONA
Postal Code:	85027
PROPERTY NUMBERS Total: 15	
Property Type	Number
Patent Number:	7218277
Patent Number:	7482976
Patent Number:	7345626
Patent Number:	7554482
Patent Number:	8098195
Patent Number:	7213268
Patent Number:	7786922
Patent Number:	7912593
Patent Number:	8242950
Patent Number:	7963618
Patent Number:	8049662
Patent Number:	8063816
Patent Number:	8108087
Patent Number:	8120525
Patent Number:	8798911
CORRESPONDENCE DATA	
Fax Number:	2125584229
<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:	2125584229
Email:	demarcor@sullcrom.com, rescinitia@sullcrom.com
Correspondent Name:	Mr. Raffaele A. DeMarco
Address Line 1:	125 Broad Street
Address Line 2:	Sullivan & Cromwell LLP
Address Line 4:	New York, NEW YORK 10004

ATTORNEY DOCKET NUMBER:	012490/00029
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NAME OF SUBMITTER:	Raffaele DeMarco
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SIGNATURE:	/Raffaele DeMarco/
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DATE SIGNED:	01/30/2025
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Total Attachments: 6

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source=Horizon - Patent Assignment Agreement - ACSS Patents - Final Executed (4936-7071-4900.2)#page2.tiff
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PATENT ASSIGNMENT AGREEMENT

This PATENT ASSIGNMENT AGREEMENT, effective as of 30 January 2025 (this “Agreement”), is entered into by and between L3Harris Aviation Products, Inc., a Delaware corporation (“Assignor”) and Aviation Communication & Surveillance Systems, LLC, a Delaware limited liability company (“Assignee”). Assignor and Assignee are each referred to herein individually as a “Party,” and collectively as the “Parties.”

W I T N E S S E T H:

WHEREAS, the Parties desire to execute and deliver this Agreement evidencing and effecting the assignment, transfer, conveyance and delivery to Assignee of all of Assignor’s right, title and interest in, to and under those certain patents set forth in Schedule A hereto (the “Assigned Patents”).

NOW, THEREFORE, in consideration of the premises and the mutual representations, warranties, covenants and agreements contained herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties, as defined in this Agreement and intending to be legally bound, agree as follows:

Section 1. Assignment. Assignor hereby irrevocably assigns, transfers and conveys to Assignee, and Assignee hereby accepts such assignment, transfer and conveyance from Assignor, of all of Assignor’s right, title and interest in and to (a) the Assigned Patents, (b) any patents issuing on patent applications included in the Assigned Patents, (c) patents issuing from divisionals, continuations, and continuations-in-part of any patent applications included in the Assigned Patents and any and all reissues and reexaminations of any of the foregoing, (d) any national, international or multinational counterparts of any of the foregoing and (e) any other patent claiming priority to any of the foregoing, together with (i) all income, royalties, damages and payments earned subsequent to the date hereof with respect thereto, (ii) any and all claims, demands or causes of action, known or unknown, for past, present or future infringement, misappropriation, or other violation thereof, and (iii) any and all corresponding rights that, now or hereafter, may be secured throughout the world with respect thereto. Notwithstanding the foregoing, this Agreement does not assign any right, title and interest in and to any contracts existing as of the date hereof related to the Assigned Patents, including all royalties, license fees and other consideration paid or payable under such contracts.

Section 2. Authorization and Recordation. Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States Patent and Trademark Office, and any official of any other jurisdiction or organization whose duty it is to issue patents or any legal equivalent thereof, to record and register Assignee as the assignee and owner of all right, title and interest in and to the Assigned Patents. Assignee shall have the right to record this Agreement with all applicable governmental entities and registrars so as to perfect ownership of the Assigned Patents.

Section 3. Further Assurances. Each Party shall promptly execute, acknowledge and deliver any other assurances or documents or instruments of transfer reasonably requested by

the other Party and necessary for the requesting Party to satisfy its obligations hereunder or to obtain the full benefit of the assignment contemplated hereunder

Section 4. Expenses. All costs and expenses incurred in connection with this Agreement shall be borne by the Party incurring such costs and expenses.

Section 5. Successors and Assigns. This Agreement shall be binding upon and shall inure to the benefit of the Parties and to their respective successors and assigns.

Section 6. Governing Law. This Agreement, and any proceedings in connection with, arising from or relating to this Agreement, shall be governed by, and construed and enforced in accordance with, the laws of the State of Delaware, including its statutes of limitations, without giving effect to any borrowing statute or applicable principles of conflicts of law to the extent that the application of the law (including statutes of limitation) of another jurisdiction (whether of the State of Delaware or any other jurisdiction) would be required hereby.

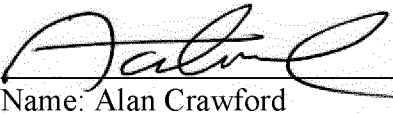
Section 7. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, and all of which shall constitute one and the same Agreement.

[Remainder of page intentionally left blank; signature pages follow]

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed
as of the date first written above.


ASSIGNORS:

**L3HARRIS AVIATION PRODUCTS,
INC.**

By: 
Name: Alan Crawford
Title: President

ASSIGNEE:

**AVIATION COMMUNICATION &
SURVEILLANCE SYSTEMS, LLC**

By: 
Name: Janice Davis
Title: President, ACSS

Schedule A

ASSIGNED PATENTS

No.	Title	Patent No.	Issue Date	Application No.	Application Date	Status	Country	Owner
1.	ANTENNA FAILURE DETECTION	7218277	15-May-2007	11/274067	14-Nov-2005	Granted	US	L3Harris Aviation Products, Inc.
2.	SYSTEMS AND METHODS EMPLOYING A COLLISION AVOIDANCE SYSTEM TO ENHANCE PILOT AWARENESS	2561683	23-Jun-2015	2561683	29-Mar-2005	Granted	CA	L3Harris Aviation Products, Inc.
3.	ANTENNA CALIBRATION METHOD AND APPARATUS	7482976	27-Jan-2009	11/697757	09-Apr-2007	Granted	US	L3Harris Aviation Products, Inc.
4.	PULSE TRANSMITTERS HAVING MULTIPLE OUTPUTS IN PHASE RELATIONSHIP AND METHODS OF OPERATION	7345626	18-Mar-2008	10/942727	15-Sep-2004	Granted	US	L3Harris Aviation Products, Inc.
5.	SYSTEMS AND METHODS FOR USING A TCAS DIRECTIONAL ANTENNA FOR OMNIDIRECTIONAL TRANSMISSION	7554482	30-Jun-2009	11/786987	10-Apr-2007	Granted	US	L3Harris Aviation Products, Inc.
6.	PULSE TRANSMITTERS HAVING MULTIPLE OUTPUTS IN PHASE RELATIONSHIP AND METHODS OF OPERATION	8098195	17-Jan-2012	12/049803	17-Mar-2008	Granted	US	L3Harris Aviation Products, Inc.

[Schedule A to Intellectual Property Assignment Agreement]

No.	Title	Patent No.	Issue Date	Application No.	Application Date	Status	Country	Owner
7.	METHOD FOR CONTROLLING CUSTOMER-IMPLEMENTED DATA UPDATES	7213268	01-May-2007	10/627489	25-Jul-2003	Granted	US	L3Harris Aviation Products, Inc.
8.	SYSTEMS AND METHODS EMPLOYING ACTIVE TCAS TO ENHANCE SITUATIONAL AWARENESS	7786922	31-Aug-2010	11/945869	27-Nov-2007	Granted	US	L3Harris Aviation Products, Inc.
9.	MERGING AND SPACING SPEED TARGET CALCULATION	7912593	22-Mar-2011	11/732223	02-Apr-2007	Granted	US	L3Harris Aviation Products, Inc.
10.	SYSTEMS AND METHODS FOR ENHANCING SITUATIONAL AWARENESS OF AN AIRCRAFT ON THE GROUND	8242950	14-Aug-2012	11/451648	12-Jun-2006	Granted	US	L3Harris Aviation Products, Inc.
11.	SYSTEMS AND METHODS FOR PROVIDING AIRCRAFT RUNWAY GUIDANCE	7963618	21-Jun-2011	11/764742	18-Jun-2007	Granted	US	L3Harris Aviation Products, Inc.
12.	SYSTEMS AND METHODS FOR ANTENNA CALIBRATION	8049662	01-Nov-2011	12/014666	15-Jan-2008	Granted	US	L3Harris Aviation Products, Inc.
13.	METHOD AND APPARATUS TO IMPROVE THE ABILITY TO DECODE ADS-B SQUITTERS THROUGH MULTIPLE PROCESSING PATHS	8063816	22-Nov-2011	12/646664	23-Dec-2009	Granted	US	L3Harris Aviation Products, Inc.

[Schedule A to Intellectual Property Assignment Agreement]

No.	Title	Patent No.	Issue Date	Application No.	Application Date	Status	Country	Owner
14.	SEQUENCING, MERGING AND APPROACH-SPACING SYSTEMS AND METHODS	8108087	31-Jan-2012	11/452446	13-Jun-2006	Granted	US	L3Harris Aviation Products, Inc.
15.	SYSTEMS AND METHODS FOR OBTAINING AIRCRAFT STATE DATA FROM MULTIPLE DATA LINKS	8120525	21-Feb-2012	12/364312	02-Feb-2009	Granted	US	L3Harris Aviation Products, Inc.
16.	SYSTEMS AND METHODS FOR DETERMINING BEARING	8798911	05-Aug-2014	10/889983	12-Jul-2004	Granted	US	L3Harris Aviation Products, Inc.

PATENT

REEL: 070063 FRAME: 0008

[Schedule A to Intellectual Property Assignment Agreement]