PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD LAWRENCE SWAIN	10/19/2012
JEFFREY ALLAN THOMSON	08/16/2016

RECEIVING PARTY DATA

Name:	THALES CANADA INC.
Street Address:	105 MOATFIELD DRIVE
City:	TORONTO, ONTARIO
State/Country:	CANADA
Postal Code:	M3B 0A4

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13657545

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: rangroup@ipfirm.com

Correspondent Name: HAUPTMAN HAM, LLP

Address Line 1: 2318 MILL ROAD, SUITE 1400
Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	5011-008
NAME OF SUBMITTER:	RANDY A. NORANBROCK
SIGNATURE:	/Randy A. Noranbrock/
DATE SIGNED:	10/13/2016

Total Attachments: 1

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PATENT 504048183 REEL: 040002 FRAME: 0849

Docket No.: 5011-008

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- 1) Richard Lawrence SWAIN
- 2) Jeffrey Allan Thomson

3)

who has made a certain new and useful invention, hereby sells, assigns and transfers unto <u>Thales Canada Inc having a place</u> of business at 105 Moatfield <u>Drive</u>, <u>Toronto</u>, <u>Ontario</u>, <u>Canada</u>, <u>M3B</u> 0A4

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

REMOVABLE HEATER FOR COMMUNICATION ANTENNA

(a)	for which an application for United States Letters Patent was filed on, and identified by United States Patent Application No; or
(b)	for which an application for United States Letters Patent was executed on,
ill Unite continua Property	undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and ed States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or ations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1)

Name: Richard Lawrence SWAIN

Date:

1)

Name: Jeffrey Altern Thomson

Date:

Date:

PATENT REEL: 040002 FRAME: 0850

RECORDED: 10/13/2016