

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4114585

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SUNCOR ENERGY, INC.	10/20/2016
RECEIVING PARTY DATA		
Name:	HARRIS CORPORATION	
Street Address:	1025 West NASA Blvd.	
City:	Melbourne	
State/Country:	FLORIDA	
Postal Code:	32919	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14491545
CORRESPONDENCE DATA		
Fax Number:	(407)841-2343	
<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:	407-841-2330	
Email:	creganoa@addmg.com	
Correspondent Name:	CHRISTOPHER F. REGAN	
Address Line 1:	255 S. ORANGE AVENUE	
Address Line 2:	SUITE 1401	
Address Line 4:	ORLANDO, FLORIDA 32801	
ATTORNEY DOCKET NUMBER:	GCSD-2797 (62047)	
NAME OF SUBMITTER:	CHRISTOPHER F. REGAN	
SIGNATURE:	/CHRISTOPHER F. REGAN/	
DATE SIGNED:	10/26/2016	
Total Attachments: 3		
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A S S I G N M E N T

WHEREAS, **SUNCOR ENERGY, INC.**, a Canadian corporation, organized and existing under the laws of Canada and having an office and place of business at 150 6th Avenue, SW, Calgary, Alberta, Canada T2P 3E3; hereinafter referred to as **ASSIGNOR**, is the owner of improvements or inventions described in **HYDROCARBON RESOURCE HEATING APPARATUS INCLUDING RF CONTACTS AND GUIDE MEMBER AND RELATED METHODS**, for which an application for United States Letters Patent has been filed in the United States Patent and Trademark Office on September 19, 2014, assigned U.S. Serial No. 14/491,545; and

WHEREAS, **HARRIS CORPORATION**, a Delaware corporation, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the same;

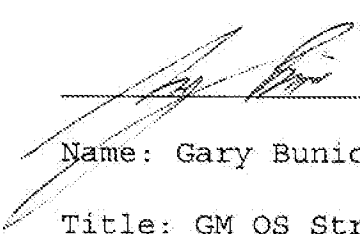
NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNOR** does hereby sell, assign and transfer to said **ASSIGNEE**, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said **ASSIGNOR** does hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent

applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNOR** for said consideration hereby covenants and agrees that said **ASSIGNOR** is the owner of the full title herein conveyed and have the right to convey the same, and agree that said **ASSIGNOR** will communicate to said **ASSIGNEE** any facts known to said **ASSIGNOR** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEE**, sign all lawful papers deemed by said **ASSIGNEE** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEE**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

In Witness Whereof, I have hereunto set my hand
and seal this 20 day of October, 2016.

SUNCOR ENERGY, INC.


Name: Gary Bunio

Title: GM OS Strategic Technology


Province of Alberta :

: ss.

County of Canada :

On this 20 day of October, 2016,

before me personally appeared Gary Bunio, to me personally known
as the individual who executed the foregoing assignment, and who
acknowledged to me that he executed the same of his own free
will for the purposes therein set forth.


Notary Public

My commission expires: n/a

S E A L

BRENDA LEEDS UNDER