PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4195322

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK TRAUTMAN	11/04/2016
VERLIN HIBNER	11/09/2016
MURRAY HANN	11/16/2016
BRIAN WRIGHT	12/12/2016

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:	15383057

CORRESPONDENCE DATA

Fax Number: (407)841-2343

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.

Phone: 407-841-2330

Email:creganoa@addmg.comCorrespondent Name:CHRISTOPHER F. REGANAddress Line 1:255 S. ORANGE AVENUE

Address Line 2: SUITE 1401

Address Line 4: ORLANDO, FLORIDA 32801

ATTORNEY DOCKET NUMBER:	GCSD-2798A (62050CIP1)	
NAME OF SUBMITTER:	BMITTER: CHRISTOPHER F. REGAN	
SIGNATURE:	/CHRISTOPHER F. REGAN/	
DATE SIGNED:	12/21/2016	

Total Attachments: 5

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PATENT REEL: 041109 FRAME: 0324

ASSIGNMENT

WHEREAS, Mark TRAUTMAN of MELBOURNE, FLORIDA;

Verlin HIBNER of MELBOURNE BEACH, FLORIDA; Murray HANN of

Malabar, FLORIDA; and Brian WRIGHT of INDIATLANTIC, FLORIDA;

hereinafter referred to as ASSIGNORS, have made certain

improvements or inventions in <a href="https://hydrocarbon.nesource-heating-by-stem-ling-by-stem-ling-hydrocarbon-nesource-heating-by-stem-ling-by-stem-ling-hydrocarbon-nesource-heating-by-stem-li

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 ASSIGNORS do 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 and described and any improvements on said inventions heretofore or hereafter made, 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 ASSIGNORS do 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 **ASSIGNORS** for said consideration hereby covenants and agrees that said **ASSIGNORS** are the owners of the full title herein conveyed and have the right to convey the

PATENT REEL: 041109 FRAME: 0325 same, and agree that said ASSIGNORS will communicate to said ASSIGNEE any facts known to said ASSIGNORS 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 4 day of November, 2016.
Mark TRAUTMAN
State of Horid: ss. County of Brevad:
On this 4 day of November, 2016,
before me personally appeared the above-named ASSIGNOR, Mark
TRAUTMAN, to me personally known/provided identification
(<u>driver's Dicense</u>) 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.
RACHELLE HEGEDUS MY COMMISSION # FF982703 EXPIRES April 25, 2020 FlootaNotatyService.com. My commission expires:

IN WITNESS WHEREOF, I have hereunto set my hand
and seal this Ath day of November, 2016.
925
Verlin HIBNER /
State of <u>Glanda</u> : : ss. County of <u>Breyard</u> :
on this ath day of November, 2016, end
before me personally appeared the above-named ASSIGNOR, Verlin
HIBNER, to me personally known/provided identification
() 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.
RACHELLE HEGEDUS Notary Public
S E A MY COMMISSION # FF982703 My commission expires: EXPIRES April 25, 2020 Florida Notary Service.com

and seal this
State of flored: State of flo
State of Jloude: State of Jloude: On this July day of November, 2014, before me personally appeared the above-named ASSIGNOR, Murray HANN, to me personally known/provided identification () as the individual who executed the foregoing assignment, and who acknowledged to me
State of Jloude: State of Jloude: On this July day of November, 2014, before me personally appeared the above-named ASSIGNOR, Murray HANN, to me personally known/provided identification () as the individual who executed the foregoing assignment, and who acknowledged to me
State of Jland: State
State of Jloude: State of Jloude: On this July day of November, 2014, before me personally appeared the above-named ASSIGNOR, Murray HANN, to me personally known/provided identification () as the individual who executed the foregoing assignment, and who acknowledged to me
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executed the foregoing assignment, and who acknowledged to me
that he executed the same of his own free will for the purposes
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therein set forth.
(Kindrolla Herodus
RACHELLE HEGEDUS Notary Public
S E A MY COMMISSION # FF982703 EXPIRES April 25, 2020 My commission expires:

IN WITNESS WHEREOF, I have hereunto set my hand
and seal this 12th day of December, 2016.
Brian WRIGHT
State of House:
State of Alonda: : ss. County of Brevard:
on this 12th day of December, 2016,
before me personally appeared the above-named ASSIGNOR, Brian
WRIGHT, to me personally known/provided identification
() 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.
RACHELLE MEGENUS MY COMMISSION # FF982703 EXPIRES April 25, 2020 Septiment of the commission of the commission expires: