

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5193734

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LUIS CARLOS LOPEZ MORENO	09/11/2018
CARLOS GONZALEZ INDA	09/11/2018
OSWALDO ENRIQUE LINARES RIVAS	09/11/2018
SERGIO ANTONIO DELON CANSECO	09/11/2018
JULIO CESAR AYALA VERA	09/11/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ARRIS ENTERPRISES LLC
<b>Street Address:</b>	3871 LAKEFIELD DRIVE
<b>City:</b>	SUWANEE
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30024
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16163492
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(678)473-8095
<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>	
<b>Phone:</b>	(215) 323-1086
<b>Email:</b>	ARRIS.docketing@arris.com
<b>Correspondent Name:</b>	ARRIS ENTERPRISES, LLC LEGAL DEPT - DOCK
<b>Address Line 1:</b>	101 TOURNAMENT DRIVE
<b>Address Line 4:</b>	HORSHAM, PENNSYLVANIA 19044
<b>ATTORNEY DOCKET NUMBER:</b>	ARR01362
<b>NAME OF SUBMITTER:</b>	LORI ANNE D. SWANSON
<b>SIGNATURE:</b>	/Lori Anne D. Swanson/
<b>DATE SIGNED:</b>	10/17/2018
<b>Total Attachments: 4</b>	
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**PATENT**

**REEL: 047204 FRAME: 0437**

## ASSIGNMENT

WHEREAS we, Luis Lopez Moreno, Carlos Gonzalez Inda, Oswaldo Enrique Linares Rivas, Sergio Antonio Delon Canseco, Julio Cesar Ayala Vera, (hereinafter collectively referred to as ASSIGNOR), have invented certain inventions and improvements entitled "Fan with Pivotal Blades, and Corresponding Electronics Cooling System and Methods" disclosed in Patent Docket Number ARR01362, and we hereby authorize and request a designated attorney associated with Customer No. 21924, to insert here in parentheses (Application Number \_\_\_\_\_, filed \_\_\_\_\_) the application number and filing date of said application when known; as filed in the United States Patent and Trademark Office; and,

WHEREAS, ARRIS Enterprises LLC, a limited liability company formed under the laws of Delaware, having a principal place of business at 3871 Lakefield Drive, Suwanee, Georgia 30024 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to, and under said invention and the United States Letters Patent to be obtained therefore:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign, and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefore on said patent application, design patent application, or any continuation, continuation-in-part, divisional, reexamination, renewal, substitute, or reissue thereof and in and to all Letters Patent and all Convention and Treaty rights of all kinds, in all countries throughout the world for said invention for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNOR will promptly provide ASSIGNEE, upon its request, with all pertinent facts and documents relating to said application, said invention, and said Letters Patent as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Sept / 11 / 2018  
Date

  
Luis Carlos Lopez Moreno

WITNESS#1:

  
Signature

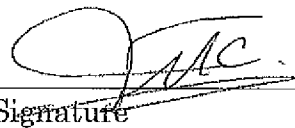
DATE:

Sept / 11 / 2018

Humberto Cruz Corral

Printed

WITNESS#2:

  
Signature

DATE:

Sept / 11 / 2018

Misael Valle

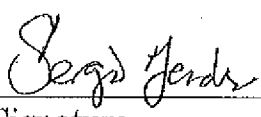
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09/11/2018

Date

  
Carlos Gonzalez Inda

WITNESS#1:

  
Signature


DATE:

Sept 11 2018

Sergio A. Mendoza A

Printed

WITNESS#2:

  
Signature

DATE:

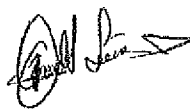
Sept 11 2018

Juan Antonio Vazquez

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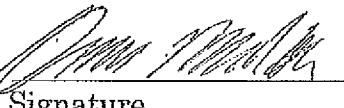
11/Sep/2018

Date



Oswaldo Enrique Linares Rivas

WITNESS#1:



Signature

DATE:

11/09/18

Omar Miranda Ruiz

Printed

WITNESS#2:



Signature

DATE:

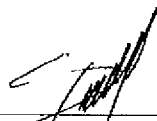
9/11/2018

MARCO MALDONADO COLORADO

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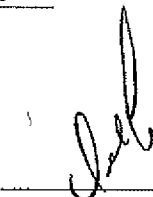
Sept 11, 2018

Date



Sergio Antonio Delon Canseco

WITNESS#1:



Signature

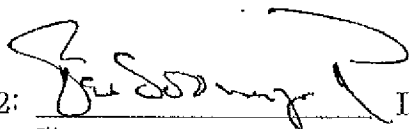
DATE:

Sept 11, 2018

Oscar MacGavin Solera

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WITNESS#2:



Signature

DATE:

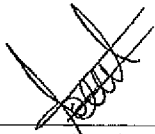
Sept 11, 2018

Francisco Sotomayor

Printed

9-11-2018

Date

  
Julio Cesar Ayala Vera

WITNESS#1:



Signature

DATE: 9-11-2018

Josci A. Gastelum Moreno

Printed

WITNESS#2:



Signature

DATE: 09/11/2018

GUSTAVO A. MOLINA GONZALEZ

Printed