506586365 03/31/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6633147

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYAN	ICE:	ASSIGNMENT				
CONVEYING PARTY DA	ТА					
		Name	Execution Date			
HUMBERTO CRUZ COF	RAL		12/12/2018			
CARLOS GONZALEZ IN	DA		12/12/2018			
OSWALDO ENRIQUE LI	NARES	RIVAS	12/12/2018			
LUIS LOPEZ MORENO			12/12/2018			
JULIO CESAR AYALA V	ERA		12/12/2018			
SERGIO ANTONIO DEL		ISECO	12/12/2018			
RECEIVING PARTY DA						
Name:		ENTERPRISES LLC				
Street Address:		3871 LAKEFIELD DRIVE				
City:	SUWANEE					
State/Country:	GEOR	GEORGIA				
Postal Code:	30024					
PROPERTY NUMBERS	Total: 1					
		Number				
Property Type		Number				
Property Type Application Number:		17020401				
Application Number:	ATA	17020401				
Application Number: CORRESPONDENCE DA Fax Number:	ATA	(703)836-2021				
Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be	ATA	17020401 (703)836-2021 • the e-mail address first; if that is uns				
Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be	ATA e sent to provideo	(703)836-2021				
Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p	ATA e sent to provideo	17020401 (703)836-2021 The e-mail address first; if that is uns I; if that is unsuccessful, it will be sen				
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name:	ATA e sent to provideo	17020401 (703)836-2021 5 the e-mail address first; if that is uns 1; if that is unsuccessful, it will be sen 7038366620 mich.sok@bipc.com BUCHANAN INGERSOLL & ROONEY, I	t via US Mail.			
Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA e sent to provideo	17020401 (703)836-2021 The e-mail address first; if that is uns I; if that is unsuccessful, it will be sen 7038366620 mich.sok@bipc.com BUCHANAN INGERSOLL & ROONEY, I 1737 KING STREET	t via US Mail.			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA e sent to provideo	17020401 (703)836-2021 5 the e-mail address first; if that is uns 1; if that is unsuccessful, it will be sent 7038366620 mich.sok@bipc.com BUCHANAN INGERSOLL & ROONEY, I 1737 KING STREET SUITE 500	t via US Mail.			
Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA e sent to provideo	17020401 (703)836-2021 The e-mail address first; if that is uns I; if that is unsuccessful, it will be sen 7038366620 mich.sok@bipc.com BUCHANAN INGERSOLL & ROONEY, I 1737 KING STREET	t via US Mail.			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA e sent to provideo	17020401 (703)836-2021 5 the e-mail address first; if that is uns 1; if that is unsuccessful, it will be sent 7038366620 mich.sok@bipc.com BUCHANAN INGERSOLL & ROONEY, I 1737 KING STREET SUITE 500	t via US Mail.			
Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA e sent to provideo	17020401 (703)836-2021 b the e-mail address first; if that is uns i; if that is unsuccessful, it will be sent 7038366620 mich.sok@bipc.com BUCHANAN INGERSOLL & ROONEY, I 1737 KING STREET SUITE 500 ALEXANDRIA, VIRGINIA 22314-1404	t via US Mail.			

03/31/2021

DATE SIGNED:

Total Attachments: 4
source=ASSIGNMENT#page1.tif
source=ASSIGNMENT#page2.tif
source=ASSIGNMENT#page3.tif
source=ASSIGNMENT#page4.tif

ASSIGNMENT

WHEREAS we, Humberto Cruz Corral, Carlos Gonzalez Inda, Oswaldo Enrique Linares Rivas, Luis Lopez Moreno, Julio Cesar Ayala Vera, Sergio Antonio Delon Canseco, (hereinafter collectively referred to as ASSIGNOR), have invented certain inventions and improvements entitled "VIRTUAL SILK SCREEN FOR PRINTED CIRCUIT BOARDS" disclosed in Patent Docket Number ARR01488, and we hereby authorize and request a designated attorney associated with Customer No. 21924, to insert here in parentheses (Application Number <u>17/020.401</u>, filed <u>September 14, 2020</u>) 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.

> PATENT REEL: 055785 FRAME: 0606

Docket ARR01488

.

Patent Application

DOCKER HIMIO1400		ł
0.00000000	4.47 Million	Houng
Date	Humber	to Cruz Cortal
VITNESS#1:	ψV	12/12/18
<u>Efron</u> Printed	Lugo Lugo	
ATTNESS#2:	DATE:	12/12/2018
Signatur Movie	and Omy Cino	
1 Iniseu	U .	
12/12/2018		CK MIL-
Date	Carlos G	onzalez Inda
TTNESS#1: <u>Ual</u> Signature	o Como DATE:	12/12/2018
Cloud	~	
Printed	o Conseco	
	<u>ZFle.</u> DATE:	12/12/2018

Printed rao Inter naoza

PATENT REEL: 055785 FRAME: 0607 Docket ARR01488

Patent Application

18	Get fins
	Oswaldo Enrique Linares Rivas
Signature Jose Alberto Printed	DATE: 12/12/2018 Gastelon Moreno
Signature Misoel Valde Printed	DATE: 12/12/18
8	Luis Lopez Moreno
Å	Luis Lopez Moreno $12/12/18$
	Signature Jose Alberto Printed Signature Misoel Valde

PATENT REEL: 055785 FRAME: 0608

3

Docket ARR0	1488		Patent Application
12-12- Date	8	Julio Cesar Ayala Vera	
		DATE: 12/12/18	
~	<u>Jaaarin Marcoo</u> Printed	Flores	
WITNESS#2	Signature	DATE: 12/12/18	
	Alejordo Alvarado (Printed	Custanedia	
12/12/1. Date	8	Sergio Antonio Delon Canseco	
WITNESS#1:	Carlos A. Algione ? Signature	DATE: 12 12 18	
WITNESS#2:		DATE: 12-12-18	
	Printed	4	

RECORDED: 03/31/2021