507098430 01/27/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7145268

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KIRUBAKARAN SUBRAMANIAN	03/09/2021
MAHESH SHANKAR HANDIGUND	03/08/2021

RECEIVING PARTY DATA

Name:	ARRIS ENTERPRISES LLC	
Street Address:	3871 LAKEFIELD DRIVE	
City:	SUWANEE	
State/Country:	GEORGIA	
Postal Code:	30024	

PROPERTY NUMBERS Total: 1

Property Type	Number				
Application Number:	17586339				

CORRESPONDENCE DATA

Fax Number: (703)836-2021

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.

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Correspondent Name: BUCHANAN INGERSOLL & ROONEY P.C.

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ATTORNEY DOCKET NUMBER:	0036278-001078
NAME OF SUBMITTER:	NINA LETA
SIGNATURE:	/Nina Leta/
DATE SIGNED:	01/27/2022

Total Attachments: 4

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PATENT 507098430 REEL: 058797 FRAME: 0527

WORLDWIDE ASSESSMENT

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NOW THEREPORE for good and valuable consideration, the receips and adequate altered is been acknowledged. Assente been contains an open assentent to Assente and to the extensions. As a poor too but already done we appear to as ago, and herety does but assentiand transfer and. Assignee and its successors in interest the full and exclusive right, little and interest in the United States of America and throughout the world, including the natural claim priority under the lasts of the United States, the Paris Convention, and any logger countries, to the inventions as described in the aforesaid application, to the aforesaid application uself, and all divisions, communitions, continuations-in-part, or other applications, clarities priority directly or indirectly from the aforesaid application, and any limited States or foresen Letters Patent, utility model, or other smiller rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and empyed by Assigner to the full end of the term for which the Letter Patent writer model, or other smaller rights, are granted and any extensions thereof as both and entirely and same would have been held by Assignor had this assignment and sale not been made, and the tight to suc for any recover for past infrincements of or fightlines for any of the rights resulting to any of the applications, patents with a model, or other smallar rights, resulting therefrom and the copyright party

Assigned he case coverants and agreed to execute oil matriments or declarations responsed or requested for the making and procedures of any applications of any open for patent, within model, or other similar rights, and toe converght, in the Connect States and in all foreign countries including that not limited to, any provisional communities communities to part deviational removal or substitute thereon, any derivation procedures colored thereto, and as in Letters Potent any supplements is an indicator, derivation procedure, opposition positive in cases, and as in Letters Potent any supplements is an indicator, derivation procedure, opposition positive in cases, as the states of the cases.

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Assigned hereby requests the Linical States Patent and Trademark Office to usual the Lences Patent on the United States of America to Assigned and requests that any official of any countries or commission on the United States, whose duty it is to usually a rain patents and applications as alonescal, to essue the Lences Patent Links Model Registration or other similar ties to Assigned.

The undersigned hereby authorize the attorneys of $\frac{BLCHANN INGERSOLL \& POONEY PC}{BLCHANN INGERSOLL & DONEY PC}$ the power to insert in the spaces provided above the ritle of the invention. Filing date application number, and attorney's docket number of said application when known

Lithe seld **ASSIGNOR** have executed this Assignment this 200 gas of 1992 of 2021

Kirubakaran Subramanian

Witness Signature

Witness Name

No. 1

Mahesh Shankar Handigund

America Stemanic

Witness Name

PATENT REEL: 058797 FRAME: 0529

WORLDWIDE ASSIGNMENT

WHEREAS, WE,

Kirubakaran Subramanian, a citizen ofIndia, having a residence address at <u>245D5</u>, 76/1, Thirunavukarasu Nagar, Vinavagapuram, Attur, Salem, Tamilnadu 636102INDIA.

Mahesh Shankar Handigund, a citizen ofIndia, having a residence address at<u>Flat No. E-503. Vaishnavi Rathnam, Subroto Mukherji Road, T-Dasarahalli, Bangalore, Karnataka 560057 INDIA.</u>

(hereinafter "Assignor							
AUTOMATIC SWIT	CHING T	O IP CONN	ECTION	FROM	SATELLIT	E CONNECT	NON
BASED ON RAIN	FADE E	EVENT PAT	TERNS"	as set	forth and	described in	U.S.
Application No.		. filed		; In	ternational	Application	No.
	273 3					Application	
, file	d					~~	

WHEREAS, ARRIS ENTERPRISES LLC, having its principal place of business at 3871 Lakefield Drive, Suwanee, Georgia 30024, hereinafter referred to as Assignee, is desirous of acquiring the whole right, title and interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor hereby confirms any prior assignment to Assignee. and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights.

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, any derivation proceedings relating thereto, and as to Letters Patent any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-

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examination, inter partes review, or extension thereof, and for litigation regarding, or for the purpose of defending the validity of or protecting title to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee and its successors in interest without further or other compensation than that above set forth.

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment. Assignor further covenants not to challenge, or assist or participate in any third party challenge to, the assigned inventions, or any patent application or patent thereon, whether by litigation, post grant review, inter partes review, covered business method review, reexamination, or otherwise.

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby authorize the attorneys of <u>BUCHANAN INGERSOLL & ROONEY PC</u> the power to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

 executed this Assignment this <u>GTM</u> day of
Kirubakaran Subramanian Mini voto Soy
Witness Signature SRIWIVABA RAJUK.
Witness Name
Mahesh Shankar Handigund
Witness Signature
Witness Name

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PATENT REEL: 058797 FRAME: 0531

RECORDED: 01/27/2022