

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	
<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:	7038366620	
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Correspondent Name:	BUCHANAN INGERSOLL & ROONEY P.C.	
Address Line 1:	1737 KING STREET, SUITE 500	
Address Line 4:	ALEXANDRIA, VIRGINIA 22314-2727	
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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source=Assignment#page4.tif		

WORLDWIDE ASSIGNMENT

WHEREAS, WE,

Kirubakaran Subramanian, a citizen of India, having a residence address at 245 D5,
76-1, Thirunavukarasu Nagar, Vinayagapuram, Attur, Salem, Tamilnadu 636102 INDIA.

Mahesh Shankar Handigund, a citizen of India, having a residence address at Flat No.
E-503, Vaishnavi Rathnam, Subroto Mukherji Road, T-Dasarahalli, Bangalore, Karnataka
560057 INDIA.

(hereinafter "Assignor"), have made an invention entitled "**METHOD AND SYSTEM FOR
AUTOMATIC SWITCHING TO IP CONNECTION FROM SATELLITE CONNECTION
BASED ON RAIN FADE EVENT PATTERNS**" as set forth and described in U.S.
Application No. _____, filed _____; International Application No.
_____, filed _____; United States Provisional Application No.
_____, filed _____; and

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-

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 BUCHANAN INGERSOLL & ROONEY PC 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.

I, the said **ASSIGNOR** have executed this Assignment this 26th day of MARCH, 2021.

Kirubakaran Subramanian

Witness Signature

Witness Name

Handigund

Mahesh Shankar Handigund

Arum Kumar

Witness Signature

ARUN KUMAR V. SHARANTALAH

Witness Name

WORLDWIDE ASSIGNMENT

WHEREAS, WE,

Kirubakaran Subramanian, a citizen of India, having a residence address at 245D5, 76/1, Thirunavukarasu Nagar, Vinayagapuram, Attur, Salem, Tamilnadu 636102 INDIA,

Mahesh Shankar Handigund, a citizen of India, having a residence address at Flat No. E-503, Vaishnavi Rathnam, Subroto Mukherji Road, T-Dasarahalli, Bangalore, Karnataka 560057 INDIA,

(hereinafter "Assignor"), have made an invention entitled "**METHOD AND SYSTEM FOR AUTOMATIC SWITCHING TO IP CONNECTION FROM SATELLITE CONNECTION BASED ON RAIN FADE EVENT PATTERNS**" as set forth and described in U.S. Application No. _____, filed _____; International Application No. _____, filed _____; United States Provisional Application No. _____, filed _____; and

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-

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.

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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 **BUCHANAN INGERSOLL & ROONEY PC** 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.

I, the said **ASSIGNOR** have executed this Assignment this 9TH day of MARCH, 2021.

Kirubakaran Subramanian

Witness Signature

SRINIVASA RAJU. K.
Witness Name

Mahesh Shankar Handigund

Witness Signature

Witness Name