

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHINENG CUI	04/19/2021
INIGO AROCKIA NIRMAL NEVIS	04/19/2021
SHAILESH GUPTA	04/19/2021
RECEIVING PARTY DATA	
Name:	ARRIS ENTERPRISES LLC
Street Address:	3871 LAKEFIELD DR.
City:	SUWANEE
State/Country:	GEORGIA
Postal Code:	30024
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17302079
CORRESPONDENCE DATA	
Fax Number:	
<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:	919 854 1400
Email:	steve.stupp@gmail.com
Correspondent Name:	MYERS BIGEL/RUCKUS
Address Line 1:	P.O. BOX 37428
Address Line 4:	RALEIGH, NORTH CAROLINA 27627
ATTORNEY DOCKET NUMBER:	RUC2066-US
NAME OF SUBMITTER:	STEVEN STUPP
SIGNATURE:	/Steven Stupp/
DATE SIGNED:	07/03/2021
Total Attachments: 4	
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ASSIGNMENT

THIS ASSIGNMENT, made by us; **Zhineng Cui**, residing in **Sunnyvale, California**; **Inigo Arockia Nirmal Nevis**, residing in **Sunnyvale, California**; and **Shailesh Gupta**, residing in **Bangalore, India**;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **Specifying a User Group in a Multicast Domain Name System**, for which an application has been filed, or is being concurrently filed, in the United States Patent and Trademark Office. I hereby authorize and request Myers Bigel, P.A., to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known or to file this Assignment concurrently with the application; and

WHEREAS, **ARRIS Enterprises LLC**, a Delaware corporation having a principal place of business at 3871 Lakefield Dr., Suwanee, Georgia, 30024, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said provisional application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and provisional application, and in and to any and all subsequent patent applications which claim the benefit of priority from said provisional application including regular utility, continuations, and continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted for the invention in or on applications claiming the benefit of priority from said provisional application, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereof or therefor, together with the right to claim the benefit of priority from said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and provisional application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to ne relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

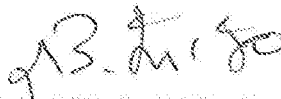
IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 19th day of April, 2021.



Zhineng Cui

(SEAL)

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 19th day of
April, 2021.



(SEAL)

Inigo Arockia Nirmal Nevis

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 19th day of
April, 2021.



Shallesh Gupta (SEAL)