506915335 10/11/2021 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6962170

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
	DATA			
		Name	Execution Date	
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PROPERTY NUMBER	S Total: 2			
Property Type		Number		
Application Number:		16919910		
Application Number:		62871999		
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-	-	l; if that is unsuccessful, it will be	sent via US Mail.	
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NAME OF SUBMITTER:		KURT ROHLFS	KURT ROHLFS	
SIGNATURE:		/Kurt Rohlfs/	/Kurt Rohlfs/	
DATE SIGNED:		10/11/2021	10/11/2021	
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Fotal Attachments: 3				
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UNITED STATES PATENT AND TRADEMARK OFFICE

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August 11, 2021

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CHERNOFF, VILHAUER, MCCLUNG & STENZEL, LLP 111 SW COLUMBIA STREET SUITE 725 SUITE 725 PORTLAND, OR 97201



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STEFANIE BRYCE ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION Atty Docket: ARR01064

ASSIGNMENT

WHEREAS I, Yuvaraj Nagarathinam, thereinafter collectively referred to as ASSICNOR), have invented certain inventions and improvements entitled "MESSAGE COLLISION REDUCTION IN UNICABLE SYSTEMS" disclosed in Patent Application No. 16/919,910 filed in the United States Patent and Trademark Office on July 2, 2020; and as described, illustrated and claimed in the following applications: U.S. Provisional Application No. 62/871,999, filed on July 9, 2019, 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, ASSIGNOR 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 covenant 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 covenant 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 ASSIGNOR 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

Page 1 of 2

PATENT REEL: 057753 FRAME: 0426

Atty Docket: ARR01664

and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

2021 Date Yuvaraj Nagarathinam 15/04/2021 Date: WITNESS#1: Signature K. SENTHLL KUMAR . Printed 55 _____Date: __15/04/2021 K. V.101 Kunnes WITNESS#2: Signatur K. VIJAY KUMAR. Printed

Page 2 of 2

PATENT REEL: 057753 FRAME: 0427

RECORDED: 10/11/2021