

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7148937

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HUIWEN YAO	09/27/2021
PRAVEEN KUMAR TANGUTOORI	09/27/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AST & SCIENCE, LLC
<b>Street Address:</b>	100 SE 2ND ST, SUITE 3500
<b>City:</b>	MIAMI
<b>State/Country:</b>	FLORIDA
<b>Postal Code:</b>	33131
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16953428
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)420-2201
<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>	
<b>Phone:</b>	2024202200
<b>Email:</b>	kclements@blankrome.com
<b>Correspondent Name:</b>	PETER S. WEISSMAN
<b>Address Line 1:</b>	1825 EYE STREET, NW
<b>Address Line 4:</b>	WASHINGTON, D.C. 20006
<b>ATTORNEY DOCKET NUMBER:</b>	150825.00169
<b>NAME OF SUBMITTER:</b>	PETER S. WEISSMAN
<b>SIGNATURE:</b>	/Peter S. Weissman/
<b>DATE SIGNED:</b>	01/30/2022
<b>Total Attachments: 4</b>	
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**ASSIGNMENT**

THIS ASSIGNMENT, made on the date set forth below by Huiwen YAO, residing at 12329 Greenbriar Branch Dr., Potomac, MD 20854; and Praveen Kumar TANGUTOORI, residing at H.No: 1-2-50/103, Brindavan Estates, Nizampet Rd, Kukatpally, Hyderabad, Telangana 500085, IN, (hereinafter referred to as the Assignors), witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in and to the patent application(s) and/or patent(s) listed in the table below, and the inventions therein and any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon (the "Assigned Intellectual Property"); and

Patent or Application No.	Filed	Country	Title
16/953,414	November 20, 2020	US	SYSTEM WITH MODULATED SIGNAL TO COMPENSATE FREQUENCY ERRORS IN LTE SIGNALS
PCT/US20/61532	November 20, 2020	PCT	SYSTEM WITH MODULATED SIGNAL TO COMPENSATE FREQUENCY ERRORS IN LTE SIGNALS

WHEREAS, AST & Science, LLC a company having its principal place of business at 1111 Brickell Avenue, Suite 1100, Miami, Florida 33131, (hereinafter referred to as the Assignee) is desirous of acquiring the entire right, title and interest in and to said Assigned Intellectual Property.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the said Assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned Assigned Intellectual Property, and in and to any and all non-



provisionals, divisions, continuations, and continuations-in-part of said Assigned Intellectual Property, or reissues or extensions of said Assigned Intellectual Property, and all rights under the International Convention for the Protection of Industrial Property, and all rights of priority resulting from the filing of the Assigned Intellectual Property and/or rights to claim priority from the Assigned Intellectual Property, including all rights to claim priority provided by the Paris Convention or the Patent Cooperation Treaty, the same to be held and enjoyed by the said Assignee, including the right to sue and collect damages for past, present, and future infringement, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.

AND for the same consideration, the said Assignors hereby covenants and agrees to and with the said Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said Assignors are the sole and lawful owner of the entire right, title and interest in and to the Assigned Intellectual Property, and that the same are unencumbered and that the said Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said Assignors hereby covenants and agrees to and with the said Assignee, its successors, legal representatives and assigns, that the said Assignors will, whenever counsel of the said Assignee or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said Assigned Intellectual Property, or any proceeding in connection with Letters Patent for said Assigned Intellectual Property, including post-grant proceedings (including interference proceedings, post-grant review, Inter Partes Review, Reexamination, derivation,

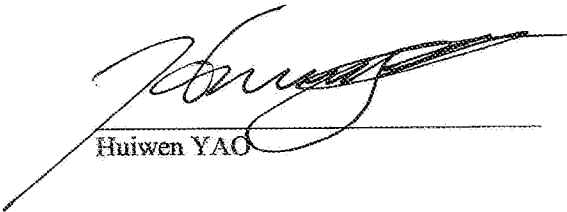


Supplemental Examination and Reissue), is lawful and desirable, that any non-provisional, division, continuation or continuation-in-part of any application for Letters Patent, post-grant proceeding, or reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, validity and defense of Letters Patent for said inventions in any country, without charge to the said Assignors, its successors, legal representatives and assigns, but at the cost and expense of the said Assignee, its successors, legal representatives and assigns.

AND said Assignors hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to the said Assignee, as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said assignee, its successors, legal representatives and assigns.

The undersigned hereby grants the firm of Blank Rome LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:

  
Huiwen YAO

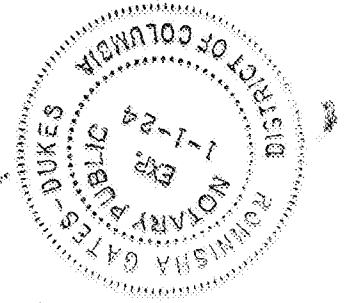
STATE OF  
COUNTY OF

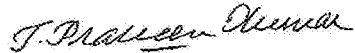
On this 27<sup>th</sup> day of September, 2021, personally before me came Huiwen YAO, known to me, and known to me to be the person described in and who signed the annexed Assignment, and being duly sworn, acknowledged that they executed the same.

NOTARY PUBLIC

My Commission Expires:

RONNISHA GATES-DUKES  
NOTARY PUBLIC DISTRICT OF COLUMBIA  
My Commission Expires January 1 2024



Date \_\_\_\_\_ Signature of Inventor  (seal)  
Praveen Kumar TANGUTOORI

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness Bhander (Nilay Bhander)

Witness Satyam (SATISH BHANDAR)