504542107 09/11/2017

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT4588814

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: NUNC PRO TUNC ASSIGNMENT

07/26/2016

CONVEYING PARTY DATA

Name	Execution Date
BRIJESH I SHAH	07/21/2017
KAILASH KASHYAP	07/21/2017
PRAVEEN K PENTA	07/21/2017
VIJAY M VERMA	07/21/2017

RECEIVING PARTY DATA

Name:	RELIANCE JIO INFOCOMM LIMITED	
Street Address:	3RD FLOOR, MAKER CHAMBER-IV, 222, NARIMAN POINT	
City:	MUMBAI, MAHARASHTRA	
State/Country:	ate/Country: INDIA	
Postal Code:	400021	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15659416

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	MAVIS S. GALLENSON	
SIGNATURE: /Mavis S. Gallenson 32464/		
DATE SIGNED:	09/11/2017	

Total Attachments: 3

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PATENT REEL: 043549 FRAME: 0513

a) Assignors agree to transfer, andb) Assignors do hereby transfer,

ASSIGNMENT

WHEREAS, we, Brijesh Ishvarlal SHAH of Maharashtra, India, Kailash KASHYAP of Maharashtra, India, Praveen Kumar PENTA of Maharashtra, and Vijay Mohan VERMA of Maharashtra, India, ("Assignors"), are inventors of an invention entitled "AN ANTENNA SYSTEM FOR MATCHING AN IMPEDANCE" that is the subject matter of: (check all that apply)

[X]	a U.S. application for Letters Patent which claims the priority to Indian Patent Application No. 201621025573 filed on July 26, 2016,
[]	an application made under the Patent Cooperation Treaty which is identifiable at WIPO by Application Nofiled on
[X]	an application for Letters Patent which is identifiable in the Patent Office of the U.S. by Application No. <u>15/659,416</u> filed on <u>July 25, 2017</u> ;
India ("/ 400021	EAS, RELIANCE JIO INFOCOMM LIMITED, a corporation organized and existing under the laws of Assignee"), and having offices at 3rd Floor, Maker Chamber-IV, 222, Nariman Point, Mumbai, Maharashtra, India, is desirous of acquiring the entire right, title and interest in and to the inventior lications, and any and all Letters Patent or similar foreign or domestic legal protection
[x] []	in the United States in all other countries or jurisdictions;
	THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby rledged,

to Assignee, its successors and assigns, effective as of July 26, 2016, nunc pro tunc, Assignors' entire right, title and interest in the above-named countries and jurisdictions in and to the following including the right to sue for past infringement: the invention, the above-identified applications, all applications from which any of the above-identified applications claim priority, corresponding U.S. and non-U.S. applications, any continuation, continuation-in-part, division, renewal, or substitute for the applications, all Letters Patent for the applications, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention, and Assignors authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

Assignors authorize the U.S. Attorneys handling the U.S. case for this matter and the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. Assignors further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in the above named countries and jurisdictions and appoint Assignee the common representative in the above-identified international application and any international application for the invention.

Assignors represent to the Assignee, its successors and assigns, that Assignors shall not execute any writing or do any act whatsoever conflicting with this Assignment. Assignors, its executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining,

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maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, including without limitation providing testimony in any related interference, litigation or proceeding. To the extent that Assignors, its executors or administrators are unable or unavailable to execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as Assignee, its successors and assigns may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, Assignors, our executors or administrators hereby authorize Assignee, its successors and assigns to act on Assignors' behalf.

If any provision of this Assignment is held unenforceable or in conflict with the law of any jurisdiction, the validity of the remaining provisions will not be affected by such holding and the part held unenforceable in or in conflict with the law of one jurisdiction will remain in effect for other jurisdictions until held unenforceable or in conflict with the law of that jurisdiction.

•	Blokel
	Brijesh Ishvarlal SHAH
	(Inventor / Assignor)
	21-07-2017 Date
<i>พิพพากสาขามเล่าและจะ</i> บุบายกามการกามสาขามอก และกามการกามการการกา	a. rail har 132 th
	Kailash KASHYAP
	(Inventor / Assignor)
	21-07-2017
	Date
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	Praveen Kumar PENTA
	(Inventor / Assignor)
	<b>21-07-2017</b> Date

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Assignment of SHAH, KASHYAP, PENTA and VERMA to RELIANCE JIO INFOCOMM LIMITED.

Vijay Mohan VERMA

(Inventor / Assignor)

21-07-2017

Date

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**RECORDED: 09/11/2017**