

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5652038

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
P.I. WORKS TR BILISIM HIZM. SAN. VE TIC A.S.	08/05/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	P.I. WORKS U.S., INC.
<b>Street Address:</b>	1760 RESTON PARKWAY
<b>Internal Address:</b>	SUITE #506
<b>City:</b>	RESTON
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	20190
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15865468
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	docketing@intrinsiclaw.com
<b>Correspondent Name:</b>	INTRINSIC LAW CORP.
<b>Address Line 1:</b>	221 MOODY ST
<b>Address Line 4:</b>	WALTHAM, MASSACHUSETTS 02453
<b>ATTORNEY DOCKET NUMBER:</b>	PIW.USPAT.0300
<b>NAME OF SUBMITTER:</b>	IBRAHIM M. HALLAJ
<b>SIGNATURE:</b>	/Ibrahim M. Hallaj/
<b>DATE SIGNED:</b>	08/05/2019
<b>Total Attachments: 2</b>	
source=PIW_USPAT_0300_Assignment_Executed#page1.tif	
source=PIW_USPAT_0300_Assignment_Executed#page2.tif	

Atty. Docket No.: PIW.USPAT.0300

ASSIGNMENT

I, P.I. Works TR Bilisim Hizm. San. ve Tic.A.S., the undersigned ("ASSIGNOR"), for good and valuable consideration, the receipt of which is hereby acknowledged, agree to and hereby do assign, sell, and transfer to P.I. WORKS U.S. INC., with an office located at 1760 Reston Parkway, Suite #506, Reston VA 20190, and to its successors, assigns and legal representatives, all hereinafter referred to as the "ASSIGNEE":

(1) my entire right, title, and interest for the United States and all other countries and jurisdictions, in and to any and all inventions, discoveries, intellectual property, and patent applications which are disclosed in the application for United States Letters Patent entitled:

Method for Capacity and Coverage Optimization of a Multi-RAT Network

filed with the U.S. Patent and Trademark Office on January 9, 2018 and bearing Serial No. 15/865,468, including any renewals, revivals, reissues, reexaminations, extensions, continuations, continuations-in-part and divisions thereof, and any substitute applications, whether in the United States or elsewhere;

(2) the full and complete right to file patent applications in the name of ASSIGNEE, its designees, or in our names at the election of ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world;

(3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country of the world, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and

(4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me had this Assignment, sale and transfer not been made.

I agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof. I agree to cooperate to the extent possible with any efforts by ASSIGNEE or its successors or assigns in prosecution of said applications and patent rights and, if called on, to cooperate and assist in enforcement of said rights throughout the world.

I further agree, at any time, to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent rights on said inventions, discoveries and applications throughout the world, and otherwise to do that necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment,



Atty. Docket No.: PIW.USPAT.0300

including the execution, delivery and procurement of any and all further documents evidencing this Assignment, transfer and sale as may be requested of me.

I hereby covenant that no Assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment or adversely affect its validity.

I also covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to me and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE, its successors in interest, or legal representatives thereof any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, the rights in said inventions, and said Letters Patent and said equivalents thereof which may be necessary or desired to carry out the purposes thereof.

  
ASSIGNOR Signature

August 5, 2019  
Date

Mehmet Basar Akpinar  
ASSIGNOR Name

State or Commonwealth

County

Subscribed and sworn to before me this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_:

Notary Public

My commission expires on (date)