

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ERSIN OZTURK	11/13/2019
ERTUGRUL BASAR	11/13/2019
HAKAN ALI CIRPAN	11/13/2019
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16626549
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	GBAB047
<b>NAME OF SUBMITTER:</b>	GOKALP BAYRAMOGLU
<b>SIGNATURE:</b>	/GOKALP BAYRAMOGLU/

<b>DATE SIGNED:</b>	12/25/2019
<b>Total Attachments: 2</b> source=GBAB047-assignment#page1.tif source=GBAB047-assignment#page2.tif	

ASSIGNMENT

(1-8) *Insert Name(s) of Inventor(s)* (1) ERSIN OZTURK (2) ERTUGRUL BASAR  
(3) HAKAN ALI CIRPAN

For good and valuable consideration receipt of which is hereby acknowledged, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to:

(9) *Insert name of Assignee(s) (a,b)* a) ISTANBUL TEKNİK UNIVERSİTESİ b) NETAS TELEKOMÜNİKASYON A. S.

(10) *Insert state of incorporation of Assignee(s) (a,b)* a) Turkey b) Turkey

(11) *Insert address of Assignee(s) (a,b)* a) İTÜ Rektörlük Binası İTÜ Ayazaga Kampusu Maslak 34469 İSTANBUL b) Yenisehir Mah. Osmanlı Bulvarı No: 11 Pendik İstanbul

(hereinafter designated as the Assignees) the entire worldwide right, title, interest, and patent applications and patents for every country, including divisions, reissues, continuations and all other extensions, rights and priorities in the invention known as and subject matter contained in

(12) *Insert Identification of Invention, such as Title, Case Number or Foreign Application Number* (12) GENERALIZED FREQUENCY DIVISION MULTIPLEXING METHOD WITH MULTIPLE-INPUT MULTIPLE-OUTPUT AND FLEXIBLE INDEX MODULATION

(13) *Insert Date of Filing of Application* (13) Application is attached hereto.

and each assignee owning equal share as tenancy in common.

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or division applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

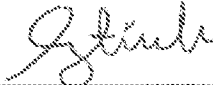
5) The undersigned hereby authorize(s) and request(s) the Commissioner for Patents and the duly constituted authorities of foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, its successors and assigns, as Assignee of the entire right, title and interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) *The undersigned hereby grant(s)*

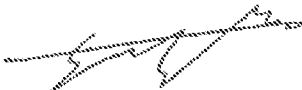
Göktaş Başramoğlu, Reg.No. 66366

*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 recording of this document*

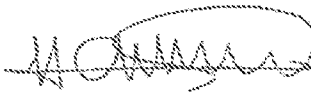
Date 13.11.2019

  
ERSIN ÖZTÜRK

Date 13.11.2019

  
ERTUGRUL BASAR

Date 13.11.2019

  
HAKAN AKCIRPAN