

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7090772

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ODED REDLICH	02/28/2021
SHIMON SHILO	02/28/2021
AVI WEITZMAN	02/25/2021
GENADIY TSODIK	12/15/2021
DORON EZRI	02/28/2021
RECEIVING PARTY DATA	
Name:	HUAWEI TECHNOLOGIES CO., LTD.
Street Address:	Huawei Administration Building
Internal Address:	Bantian, Longgang District
City:	Shenzhen
State/Country:	CHINA
Postal Code:	518129
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17189876
CORRESPONDENCE DATA	
Fax Number:	(972)731-2289
<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>	
Phone:	972-731-2288
Email:	dallaspatents@dfw.conleyrose.com
Correspondent Name:	GRANT RODOLPH
Address Line 1:	4965 PRESTON PARK BOULEVARD, SUITE 195E
Address Line 4:	PLANO, TEXAS 75093
ATTORNEY DOCKET NUMBER:	4747-91400 (85844169US04)
NAME OF SUBMITTER:	ALBERT A. ABBOU
SIGNATURE:	/Albert A. Abbou/
DATE SIGNED:	12/23/2021
Total Attachments: 4	

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ASSIGNMENT

WHEREAS, WE,

Oded Redlich
Toga Networks Ltd, Floor 12,
Building C, 4 Haharash Street,
Neve Ne'eman, Hod Hasharon
4524075, Israel; and

Avi Weitzman
Toga Networks Ltd, Floor 12,
Building C, 4 Haharash Street,
Neve Ne'eman, Hod Hasharon
4524075, Israel; and

Doron Ezri
Toga Networks Ltd, Floor 12,
Building C, 4 Haharash Street,
Neve Ne'eman, Hod Hasharon
4524075, Israel.

Shimon Shilo
Toga Networks Ltd, Floor 12,
Building C, 4 Haharash Street,
Neve Ne'eman, Hod Hasharon
4524075, Israel; and

Genadiy Tsodik
Toga Networks Ltd, Floor 12,
Building C, 4 Haharash Street,
Neve Ne'eman, Hod Hasharon
4524075, Israel; and

have invented and own a certain invention entitled:
**USING ENHANCED SIGNAL SPECTRAL TX MASK FOR IMPROVED MULTI-USER
GROUPING AND INCREASED SPECTRAL EFFICIENCY**
for which invention we have executed an application (provisional or non-provisional) for a U.S.
patent, which was filed on 2021-03-02, under U.S. Application No. 17189876 and

WHEREAS, HUAWEI TECHNOLOGIES CO.,LTD., Huawei Administration
Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China.,
hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign
right, title, and interest in and under the invention described in the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency
of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's
legal representatives, successors and assigns the full and exclusive rights in and to the invention
in the U.S. and every foreign country and the entire right, title, and interest in and to the patent
application and other such applications (e.g., provisional applications, non-provisional
applications, continuations, continuations-in-part, divisionals, reissues, reexaminations,
National phase applications, including petty patent applications, and utility model applications)
that may be filed in the United States and every foreign country on the invention, and the
patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon,
and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to
the above-mentioned Assignee agreeably with the terms of this assignment document.

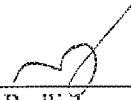
WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing
date and application number of the application if the date and number are unavailable at the
time this document is executed.

In re Appln. of Redlich et al.
Attorney Docket No. 4747-91400

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.


IN WITNESS WHEREOF, We have hereunder set our hands on the dates shown below.

Date Feb-28-2021



Oded Redlich

Date Feb 29, 2021



Shimon Shilo

Date _____

Avi Weitzman

Date _____

Genadiy Tsodik

Date Feb 28, 2021



Doron Ezri

In re Appln. of Redlich et al.
Attorney Docket No. 4747-91400

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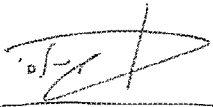
Date _____

Oded Redlich

Date _____

Shimon Shilo

Date 02/25/2021



Avi Weitzman

Date _____

Genadiy Tsodik

Date _____

Doron Ezri

In re Appln. of Redlich et al.
Attorney Docket No. 4747-91400

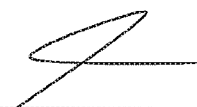
WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, We have hereunder set our hands on the dates shown below.

Date _____
Oded Redlich

Date _____
Shimon Shilo

Date _____
Avi Weitzman

Date 15.12.21

Genadiy Tsodik

Date _____
Doron Ezri