507264033 05/03/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7310954

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PANAGIOTIS THEOFANOPOULOS	03/23/2022
BILGEHAN AVSER	04/04/2022
HARISH RAJAGOPALAN	03/23/2022
SUBRAMANIAN RAMALINGAM	03/24/2022
RODNEY A GOMEZ ANGULO	04/21/2022
DAVID GARRIDO LOPEZ	03/23/2022
MIKAL ASKARIAN AMIRI	04/25/2022
FORHAD HASNAT	03/23/2022

RECEIVING PARTY DATA

Name:	APPLE INC.
Street Address:	ONE APPLE PARK WAY
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17733764

CORRESPONDENCE DATA

Fax Number:

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.

Email: esemo@treyzlawgroup.com

Correspondent Name: G. VICTOR TREYZ

Address Line 1: 6501 E. GREENWAY PKWY #103-621
Address Line 4: SCOTTSDALE, ARIZONA 85254

ATTORNEY DOCKET NUMBER:	P52729US1
NAME OF SUBMITTER:	EMMA SEMO
SIGNATURE:	/Emma Semo/
DATE SIGNED:	05/03/2022

PATENT REEL: 059797 FRAME: 0926

507264033

Total Attachments: 3

source=P52729US1_Assignment#page1.tif

source=P52729US1_Assignment#page2.tif

source=P52729US1_Assignment#page3.tif

PATENT REEL: 059797 FRAME: 0927

ASSIGNMENT BY INVENTORS

Ramalingam, Rodney A Gomez Angulo, David Garrido Lopez, Mikal Askarian Amiri, Forhad Hasn (hereinafter referred to as "Assignors") have invented certain new and useful improvements in "Electronic Devices with Dielectric Resonator Antennas Having Non-Planar Sidewalls", shown and described in U Patent Application No	WHEREAS, we, Panagiotis Th	eofanopoulos, Bilgehan A	vser, Harish Rajag	gopalan, Subram	anian
Devices with Dielectric Resonator Antennas Having Non-Planar Sidewalls", shown and described in UP attent Application No	amalingam, Rodney A Gomez A	ngulo, David Garrido Loj	pez, Mikal Askaria	n Amiri, Forhad	Hasnat
Patent Application No	nereinafter referred to as "Assignor	s") have invented certain n	ew and useful impro	ovements in "Elec	etronic
WHEREAS, Apple Inc., a California corporation, having its principal place of business at One Apple I Way, Cupertino, CA 95014, U.S.A (hereinafter referred to as Assignee), is desirous of acquiring Assignors entire right, title and interest in and to said inventions, Application and any patents which may issue thereo NOW, THEREFORE, be it known by all whom it may concern that for good and valuable consideration the receipt of which is hereby acknowledged, Assignors agree to assign and hereby assign to Assignee for territory of the United States of America and the entire world Assignors entire right, title and interest in and said inventions and Application, and in and to any and all patent applications in the United States and all countries foreign to the United States which may claim priority to said Application or which may be direct to said inventions, said patent applications including without limitation any and all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, utility models, industrial models, and designs, and in and to any and all patents in the United States and all countries foreign to the United States which may be granted therefore and thereon, and in and to any reissues, reexaminations, and extensions of said patents. Assignors hereby transfer and convey to Assignee any right to recover for past and future infringement of the patents assigned herein. Assignors HEREBY grant the attorneys at Treyz Law Group the power to insert on this Assignment afurther identification which may be necessary or desirable in order to comply with the rules of the United	evices with Dielectric Resonator	Antennas Having Non-Pl	anar Sidewalls ", sh	nown and describe	ed in U.S.
Way, Cupertino, CA 95014, U.S.A (hereinafter referred to as Assignee), is desirous of acquiring Assignors entire right, title and interest in and to said inventions, Application and any patents which may issue thereo NOW, THEREFORE, be it known by all whom it may concern that for good and valuable consideration the receipt of which is hereby acknowledged, Assignors agree to assign and hereby assign to Assignee for territory of the United States of America and the entire world Assignors entire right, title and interest in and said inventions and Application, and in and to any and all patent applications in the United States and all countries foreign to the United States which may claim priority to said Application or which may be direct to said inventions, said patent applications including without limitation any and all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, utility models, industrial models, and designs, and in and to any and all patents in the United States and all countries foreign to the United States which may be granted therefore and thereon, and in and to any reissues, reexaminations, and extensions of said patents. Assignors hereby transfer and convey to Assignee any right to recover for past and future infringement of the patents assigned herein. Assignors HEREBY grant the attorneys at Treyz Law Group the power to insert on this Assignment afurther identification which may be necessary or desirable in order to comply with the rules of the United	atent Application No	filed		(the "Application	i") and;
NOW, THEREFORE, be it known by all whom it may concern that for good and valuable consideration the receipt of which is hereby acknowledged, Assignors agree to assign and hereby assign to Assignee for a territory of the United States of America and the entire world Assignors entire right, title and interest in any said inventions and Application, and in and to any and all patent applications in the United States and all countries foreign to the United States which may claim priority to said Application or which may be direct to said inventions, said patent applications including without limitation any and all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, utility models, industrial models, and designs, and in and to any and all patents in the United States and all countries foreign to the United States which may be granted therefore and thereon, and in and to any reissues, reexaminations, and extensions of said patents. Assignors hereby transfer and convey to Assignee any right to recover for past and future infringement of the patents assigned herein. Assignors HEREBY grant the attorneys at Treyz Law Group the power to insert on this Assignment a further identification which may be necessary or desirable in order to comply with the rules of the United	WHEREAS, Apple Inc., a Calif	ornia corporation, having it	ts principal place of	business at One A	Apple Park
NOW, THEREFORE, be it known by all whom it may concern that for good and valuable consideration the receipt of which is hereby acknowledged, Assignors agree to assign and hereby assign to Assignee for the territory of the United States of America and the entire world Assignors entire right, title and interest in any said inventions and Application, and in and to any and all patent applications in the United States and all countries foreign to the United States which may claim priority to said Application or which may be direct to said inventions, said patent applications including without limitation any and all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, utility models, industrial models, and designs, and in and to any and all patents in the United States and all countries foreign to the United States which may be granted therefore and thereon, and in and to any reissues, reexaminations, and extensions of said patents. Assignors hereby transfer and convey to Assignee any right to recover for past and future infringement of the patents assigned herein. Assignors HEREBY grant the attorneys at Treyz Law Group the power to insert on this Assignment afurther identification which may be necessary or desirable in order to comply with the rules of the United	Vay, Cupertino, CA 95014, U.S.A	hereinafter referred to as A	Assignee), is desirou	s of acquiring Ass	signors
the receipt of which is hereby acknowledged, Assignors agree to assign and hereby assign to Assignee for territory of the United States of America and the entire world Assignors entire right, title and interest in and said inventions and Application, and in and to any and all patent applications in the United States and all countries foreign to the United States which may claim priority to said Application or which may be direct to said inventions, said patent applications including without limitation any and all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, utility models, industrial models, and designs, and in and to any and all patents in the United States and all countries foreign to the United States which may be granted therefore and thereon, and in and to any reissues, reexaminations, and extensions of said patents. Assignors hereby transfer and convey to Assignee any right to recover for past and future infringement of the patents assigned herein. Assignors HEREBY grant the attorneys at Treyz Law Group the power to insert on this Assignment afurther identification which may be necessary or desirable in order to comply with the rules of the United	ntire right, title and interest in and	o said inventions, Applicat	ion and any patents	which may issue	thereon;
territory of the United States of America and the entire world Assignors entire right, title and interest in and said inventions and Application, and in and to any and all patent applications in the United States and all countries foreign to the United States which may claim priority to said Application or which may be direct to said inventions, said patent applications including without limitation any and all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, utility models, industrial models, and designs, and in and to any and all patents in the United States and all countries foreign to the United States which may be granted therefore and thereon, and in and to any reissues, reexaminations, and extensions of said patents. Assignors hereby transfer and convey to Assignee any right to recover for past and future infringement of the patents assigned herein. Assignors HEREBY grant the attorneys at Treyz Law Group the power to insert on this Assignment a further identification which may be necessary or desirable in order to comply with the rules of the United	NOW, THEREFORE, be it known	vn by all whom it may cond	cern that for good ar	nd valuable consid	deration,
said inventions and Application, and in and to any and all patent applications in the United States and all countries foreign to the United States which may claim priority to said Application or which may be direct to said inventions, said patent applications including without limitation any and all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, utility models, industrial models, and designs, and in and to any and all patents in the United States and all countries foreign to the United States which may be granted therefore and thereon, and in and to any reissues, reexaminations, and extensions of said patents. Assignors hereby transfer and convey to Assignee any right to recover for past and future infringement of the patents assigned herein. Assignors HEREBY grant the attorneys at Treyz Law Group the power to insert on this Assignment afurther identification which may be necessary or desirable in order to comply with the rules of the United	e receipt of which is hereby acknowledge.	wledged, Assignors agree t	o assign and hereby	assign to Assign	ee for the
countries foreign to the United States which may claim priority to said Application or which may be direct to said inventions, said patent applications including without limitation any and all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, utility models, industrial models, and designs, and in and to any and all patents in the United States and all countries foreign to the United States which may be granted therefore and thereon, and in and to any reissues, reexaminations, and extensions of said patents. Assignors hereby transfer and convey to Assignee any right to recover for past and future infringement of the patents assigned herein. Assignors HEREBY grant the attorneys at Treyz Law Group the power to insert on this Assignment afurther identification which may be necessary or desirable in order to comply with the rules of the United	rritory of the United States of Am	erica and the entire world A	Assignors entire righ	t, title and interest	t in and to
to said inventions, said patent applications including without limitation any and all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, utility models, industrial models, and designs, and in and to any and all patents in the United States and all countries foreign to the United States which may be granted therefore and thereon, and in and to any reissues, reexaminations, and extensions of said patents. Assignors hereby transfer and convey to Assignee any right to recover for past and future infringement of the patents assigned herein. Assignors HEREBY grant the attorneys at Treyz Law Group the power to insert on this Assignment afurther identification which may be necessary or desirable in order to comply with the rules of the United	aid inventions and Application, and	in and to any and all pater	nt applications in the	United States and	d all
non-provisionals, divisionals, continuations, continuations-in-part, utility models, industrial models, and designs, and in and to any and all patents in the United States and all countries foreign to the United States which may be granted therefore and thereon, and in and to any reissues, reexaminations, and extensions of said patents. Assignors hereby transfer and convey to Assignee any right to recover for past and future infringement of the patents assigned herein. Assignors HEREBY grant the attorneys at Treyz Law Group the power to insert on this Assignment a further identification which may be necessary or desirable in order to comply with the rules of the United	ountries foreign to the United State	s which may claim priority	to said Application	or which may be	directed
designs, and in and to any and all patents in the United States and all countries foreign to the United States which may be granted therefore and thereon, and in and to any reissues, reexaminations, and extensions of said patents. Assignors hereby transfer and convey to Assignee any right to recover for past and future infringement of the patents assigned herein. Assignors HEREBY grant the attorneys at Treyz Law Group the power to insert on this Assignment a further identification which may be necessary or desirable in order to comply with the rules of the United	said inventions, said patent applic	ations including without lin	mitation any and all	provisionals,	
which may be granted therefore and thereon, and in and to any reissues, reexaminations, and extensions of said patents. Assignors hereby transfer and convey to Assignee any right to recover for past and future infringement of the patents assigned herein. Assignors HEREBY grant the attorneys at Treyz Law Group the power to insert on this Assignment a further identification which may be necessary or desirable in order to comply with the rules of the United	on-provisionals, divisionals, contin	uations, continuations-in-p	art, utility models, i	ndustrial models,	and
said patents. Assignors hereby transfer and convey to Assignee any right to recover for past and future infringement of the patents assigned herein. Assignors HEREBY grant the attorneys at Treyz Law Group the power to insert on this Assignment a further identification which may be necessary or desirable in order to comply with the rules of the United	esigns, and in and to any and all pa	tents in the United States a	nd all countries fore	ign to the United	States
infringement of the patents assigned herein. Assignors HEREBY grant the attorneys at Treyz Law Group the power to insert on this Assignment a further identification which may be necessary or desirable in order to comply with the rules of the United	hich may be granted therefore and	thereon, and in and to any	reissues, reexamina	tions, and extensi	ons of
Assignors HEREBY grant the attorneys at Treyz Law Group the power to insert on this Assignment a further identification which may be necessary or desirable in order to comply with the rules of the United	aid patents. Assignors hereby trans	fer and convey to Assignee	any right to recover	r for past and futu	re
further identification which may be necessary or desirable in order to comply with the rules of the United	-			•	
	Assignors HEREBY grant the a	torneys at Treyz Law Gro	up the power to inse	ert on this Assign	ment any
States Patent and Trademark Office for recordation of this document.	orther identification which may be	necessary or desirable in or	der to comply with	the rules of the U	nited
	tates Patent and Trademark Office	for recordation of this docu	iment.		
Mar 23, 2022 / Panagiotis Theofanopoulos	Mar 23, 2022		•	eofanopoulos	/
Apr 4, 2022 / Bilgehan Avser	pr 4, 2022		•	·r	/

Page 1 of 2 P52729US1

Mar 23, 2022	/ 🌯 Harish Rajagopalan	/
Mar 24, 2022	/ ▲ Subramanian Ramalingam	/
Apr 21, 2022	Rodney A Gomez Angulo	/
Mar 23, 2022	/ SSS David Garrido Lopez	/
	/ Mikal Askarian Amiri	/
Mar 23, 2022	/ ## Forhad Hasnat	/

Page 2 of 2 P52729US1

Mar 23, 2022	/ 🏎 / Harish Rajagopalan
Mar 24, 2022	/ 📤 / Subramanian Ramalingam
	/ Rodney A Gomez Angulo
Mar 23, 2022	/ David Garrido Lopez
25-Apr-2022	/ Mikai Asidran Amiri (Apr 25, 2022 20:52 POT)/ Mikal Askarian Amiri
Mar 23, 2022	/ 🛵 / Forhad Hasnat

Page 2 of 2 P52729US1 **PATENT**