## 507516507 09/28/2022

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
SALMAN LATIF	09/02/2022
ROHIT K GUPTA	09/02/2022
MARC J DEVINCENTIS	09/06/2022
MAHESH B CHAPPALLI	09/12/2022
TIMOTHY M HENIGAN	09/02/2022
PAOLO SACCHETTO	09/02/2022
ROHIT NATARAJAN	09/02/2022
SANJAY MANI	09/06/2022
MEIR HARAR	09/11/2022
SI MOHAMED AZIZ SBAI	09/12/2022

### **RECEIVING PARTY DATA**

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

## **PROPERTY NUMBERS Total: 2**

Property Type	Number
Application Number:	17903819
Application Number:	63245732

### **CORRESPONDENCE DATA**

**Fax Number:** (281)970-4503

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.

**Phone:** 281-970-4545

**Email:** docket@fyiplaw.com, osterhaus@fyiplaw.com,

sorenson@fyiplaw.com, Hennessey@fyiplaw.com

Correspondent Name: MICHAEL G. FLETCHER

Address Line 1: P.O. BOX 692289
Address Line 2: FLETCHER YODER

PATENT 507516507 REEL: 061244 FRAME: 0588

Address Line 4: HOU	HOUSTON, TEXAS 77269-2289	
ATTORNEY DOCKET NUMBER:	P49818US1 (APPL:1162)	
NAME OF SUBMITTER:	MATTHEW G. OSTERHAUS	
SIGNATURE:	/Matthew G. Osterhaus/	
DATE SIGNED:	09/28/2022	

**Total Attachments: 3** 

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> PATENT REEL: 061244 FRAME: 0589

# **ASSIGNMENT BY INVENTORS**

WHEREAS, we, Salman Latif, R	ohit K Gupta, Marc J D	eVincentis, Mahesh B C	happalli, Si
Mohamed Aziz Sbai, Timothy M Ho	enigan, Paolo Sacchetto,	Rohit Natarajan, Sanja	y Mani, Meir Harar
(hereinafter referred to as "Assignors"	) have invented certain ne	w and useful improveme	nts in "Pixel Array
and Touch Array Crosswalk Mitiga	tion Systems and Metho	ds", shown and described	l in U.S. Patent
Application No. 17/903,819	filed September 6,	2022 . (the "Applies	ation") and;
WHEREAS, Apple Inc., a Califor	mia corporation, having its	s principal place of busing	ess at One Apple Park
Way, Cupertino, CA 95014, U.S.A (he	ereinafter referred to as As	ssignee), is desirous of ac	quiring Assignors
entire right, title and interest in and to	said inventions, Applicati	on and any patents which	may issue thereon;
NOW, THEREFORE, be it known	by all whom it may conc	ern that for good and valu	uable consideration,
the receipt of which is hereby acknow	ledged, Assignors agree to	assign and hereby assign	n to Assignee for the
territory of the United States of Ameri	ica and the entire world A	ssignors entire right, title	and interest in and to
said inventions and Application, and i	n and to any and all patent	applications in the Unite	ed States and all
countries foreign to the United States	which may claim priority	to said Application or wh	ich may be directed
to said inventions, said patent applicat	ions including without lin	nitation any and all provis	sionals,
non-provisionals, divisionals, continua	ations, continuations-in-pa	rt, utility models, industr	ial models, and
designs, and in and to any and all pate	nts in the United States ar	d all countries foreign to	the United States
which may be granted therefore and the	nereon, and in and to any r	eissues, reexaminations,	and extensions of
said patents. Assignors hereby transfer	r and convey to Assignee	any right to recover for pa	ast and future
infringement of the patents assigned h	erein.		
Assignors HEREBY grant the atto	enove at Flotobou Vodou l	Law the newser to insert o	n this Assisamant
any further identification which may b			
States Patent and Trademark Office fo	·		e fules of the Officed
States Faterit and Trademark Office to	in recordation of this docu	ment.	
Sep 2, 2022		Salman Latif   Salman Latif	J.
Sep 2, 2022		/ <i>Rehit Gueta</i> Rohit K Gupta	Ŧ

Page 1 of 2 P49818US1 **PATENT** 

Sep 6, 2022	/Mars DeVincentis  Marc J DeVincentis	£
Sep 12, 2022	/mahesh.ahappalli Mahesh B Chappalli	1
	/ Si Mohamed Aziz Sbai	1
Sep 2, 2022	/ <i>Timetay M. Henigan</i> Timothy M Henigan	/
Sep 2, 2022	Paolo Sacchetto Paolo Sacchetto	1
Sep 2, 2022	Rohit Natarajan	<i>f</i>
Sep 6, 2022	/ <u>Sanjay Mani</u> Sanjay Mani	f
Sep 11, 2022	Meir Harar	,

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#### ASSIGNMENT BY INVENTORS

WHEREAS,	we, Salman Lat	if, Rohit K Gupta, Marc .	J DeVince	ntis, Mahesh B Chappalli, Si	
Mohamed Aziz Sbai, Timothy M Henigan, Paolo Sacchetto, Rohit Natarajan, Sanjay Mani, Meir Harar					
(hereinafter refer	red to as "Assigr	nors") have invented certain	new and u	iseful improvements in "Pixel Array	ř.
and Touch Arra	y Crosswalk M	itigation Systems and Met	t <b>hods</b> ", sho	own and described in U.S. Patent	
Application No	17/903,819	filed September	6, 2022	(the "Application") and;	

WHEREAS, **Apple Inc.**, a California corporation, having its principal place of business at One Apple Park 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 thereon;

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 and to 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 directed 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 **Fletcher Yoder Law** 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 recordation of this document.

12-Sep-2022	Simulations (Sep 12, 2022.10 20 207).
Date	Si Mohamed Aziz Sbai

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PATENT REEL: 061244 FRAME: 0592