# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7377903

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
GERD SCHUPPENER	10/21/2021
MIAAD ALIROTEH	05/09/2022
SRINATH MATHUR RAMASWAMY	03/02/2022
BAHER HAROUN	10/25/2021

## **RECEIVING PARTY DATA**

Name:	TEXAS INSTRUMENTS INCORPORATED	
Street Address:	12500 TI BOULEVARD	
City:	DALLAS	
State/Country:	TEXAS	
Postal Code:	75243	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	17347822	

## **CORRESPONDENCE DATA**

**Fax Number:** (214)567-2228

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: 2144791264
Email: uspto@ti.com

Correspondent Name: TEXAS INSTRUMENTS INCORPORATED

Address Line 1: PO BOX 655474

Address Line 2: MS 3999

Address Line 4: DALLAS, TEXAS 75265

ATTORNEY DOCKET NUMBER:	TI-93035
NAME OF SUBMITTER:	TINA MATHEWSON
SIGNATURE:	/Tina Mathewson/
DATE SIGNED:	06/10/2022

# **Total Attachments: 6**

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PATENT 507330980 REEL: 060172 FRAME: 0882

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source=TI-93035\_Assignment#page6.tif

### **ASSIGNMENT**

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made;

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 12500 TI Boulevard, M/S 3999, Dallas, Texas 75243, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon, as well as to U.S. Provisional Application No(s). <u>\$37069,187</u> filed <u>August 3, 2020</u>:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign unto the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in and to the said application(s) and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof, and I hereby authorize and request the Patent and Trademark Office to issue all patents for said invention, or patents resulting therefrom, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my corresponding rights to the invention disclosed in said application in all other countries of the world, including the right to claim priority, file applications and obtain patents under the terms of the Paris Convention for the Protection of Industrial Property, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all tawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I authorize the later insertion of the nonprovisional application number and filing date hereinbelow.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year,

TITLE	AVALANCHE PHOTODIODE GAIN CONTROL		
NONPROVISIONAL APPLICATION NO.	17/347 <sub>.</sub> 822	FILING DATE	June 15, 2021

SIGNATURE OF INVENTOR	for several	
PRINTED NAME OF INVENTOR	Gerd SCHUPPENER	
DATE	10/21/2021	
RESIDENCE (CITY AND STATE)	Allen, Texas	

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Miaad ALIROTEH
DATE	
RESIDENCE (CITY AND STATE)	Milpitas, California
SIGNATURE OF INVENTOR	Minima de la companya della companya
PRINTED NAME OF INVENTOR	Srinath Mathur RAMASWAMY
DATE	03/02/2022
RESIDENCE (CITY AND STATE)	Murphy, Texas
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Baher HAROUN
DATE	

After recording, return Assignment to:

Allen, Texas

RESIDENCE

(CITY AND STATE)

Texas Instruments Incorporated P.O. Box 655474, M/S 3999 Dallas, Texas 75265

# **ASSIGNMENT**

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made;

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign unto the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in and to the said application(s) and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Patent and Trademark Office to issue all patents for said invention, or patents resulting therefrom, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my corresponding rights to the invention disclosed in said application in all other countries of the world, including the right to claim priority, file applications and obtain patents under the terms of the Paris Convention for the Protection of Industrial Property, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I authorize the later insertion of the nonprovisional application number and filing date hereinbelow.

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TITLE	AVALANCHE PHOTODIODE GAIN CONTROL		
NONPROVISIONAL APPLICATION NO.	17/347,822	FILING DATE	June 15, 2021
SIGNATURE OF INVENTOR			
PRINTED NAME OF INVENTOR	Gerd SCHUPPENER		
DATE			
RESIDENCE (CITY AND STATE)	Allen, Texas		

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Miaad ALIROTEH
DATE	
RESIDENCE (CITY AND STATE)	Milpitas, California
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Srinath Mathur RAMASWAMY
DATE	
RESIDENCE (CITY AND STATE)	Murphy, Texas
SIGNATURE OF INVENTOR	pho Starz
PRINTED NAME OF INVENTOR	Baher HAROUN

After recording, return Assignment to:

10/25/2021

Allen, Texas

DATE

RESIDENCE

(CITY AND STATE)

Texas Instruments Incorporated P.O. Box 655474, M/S 3999 Dallas, Texas 75265

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SIGNATURE OF INVENTOR			
PRINTED NAME OF INVENTOR	Gerd SCHUPPENER		
DATE			
RESIDENCE (CITY AND STATE)	Allen, Texas		

SIGNATURE OF INVENTOR	- July -
PRINTED NAME OF INVENTOR	Miaad ALIROTEH
DATE	5/9/2022
RESIDENCE (CITY AND STATE)	Milpitas, California
*	
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Srinath Mathur RAMASWAMY
DATE:	
RESIDENCE (CITY AND STATE)	Murphy, Texas
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Baher HAROUN
DATE	
RESIDENCE (CITY AND STATE)	Allen, Texas

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Texas Instruments Incorporated P.O. Box 655474, M/S 3999 Dallas, Texas 75265

PATENT REEL: 060172 FRAME: 0889

**RECORDED: 06/10/2022**