

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4535667

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|---|-------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| GREGORY MANLOVE | 05/23/2017 |
| JAMES MCKENZIE | 06/19/2017 |
| ROBERT CHIACCHIA | 06/21/2017 |
| YI DING GU | 05/04/2017 |
| JIAN LI | 05/04/2017 |
| RECEIVING PARTY DATA | |
| Name: | LINEAR TECHNOLOGY CORPORATION |
| Street Address: | 1630 MCCARTHY BOULEVARD |
| City: | MILPITAS |
| State/Country: | CALIFORNIA |
| Postal Code: | 95035-7417 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15585399 |
| CORRESPONDENCE DATA | |
| Fax Number: | (202)756-8087 |
| <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: | 202-756-8000 |
| Email: | ipdocketmwe@mwe.com |
| Correspondent Name: | MCDERMOTT WILL & EMERY LLP |
| Address Line 1: | 500 NORTH CAPITOL STREET, NW |
| Address Line 4: | WASHINGTON, D.C. 20001 |
| ATTORNEY DOCKET NUMBER: | 081318-1069 |
| NAME OF SUBMITTER: | STEPHEN A. BECKER |
| SIGNATURE: | /Stephen A. Becker/ |
| DATE SIGNED: | 08/04/2017 |
| Total Attachments: 4 | |
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ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

| | |
|-----------------------------|-----------------------|
| (1) <u>Gregory MANLOVE</u> | (4) <u>Yi Ding GU</u> |
| (2) <u>James MCKENZIE</u> | (5) <u>Jian LI</u> |
| (3) <u>Robert CHIACCHIA</u> | (6) _____ |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

LINEAR TECHNOLOGY CORPORATION

a Corporation organized under the law of Delaware, located at 1630 McCarthy Boulevard, Milpitas CA, 95035-7417

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

**CURRENT MODE SWITCHING REGULATOR AND OPERATING METHOD WITH
OFFSET CIRCUITRY TO EMULATE A TRANSIENT LOAD STEP RESPONSE**

(a) for which an application for United States Letters Patent was filed on May 3, 2017, and identified by United States Application No. 15/585,399; or

(b) for which an application for United States Letters Patent was executed on _____

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

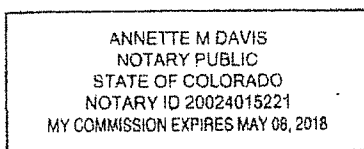
AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based

thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

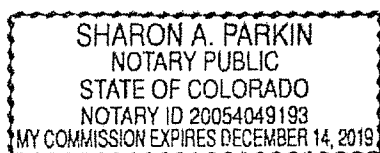
SIGNED on the dates indicated aside our signatures:

| INVENTORS | DATE SIGNED |
|---|----------------|
| 1) <u><i>Gregory Manlove</i></u> Name: Gregory MANLOVE | <u>5/23/17</u> |
| 2) <u><i>James McKenzie</i></u> Name: James MCKENZIE | <u>6/19/17</u> |
| 3) <u><i>Robert Chiacchia</i></u> Name: Robert CHIACCHIA | <u>6/21/17</u> |
| 4) _____ Name: Yi Ding GU | _____ |
| 5) _____ Name: Jian LI | _____ |

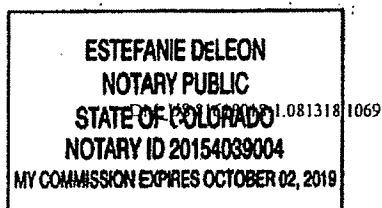
Acknowledged
Gregory Manlove's
Signature 5/23/17
Annette M Davis



Acknowledged
James McKenzie's
Signature on 6/19/17
Sharon A. Parkin



Acknowledged
Robert Chiacchia
Signature 6/21/2017
Estefania DeLeon



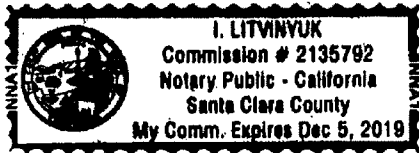
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
 County of Santa Clara)
 On Santa Clara before me, I. Litvinyuk, Notary Public,
 Date Here Insert Name and Title of the Officer
 personally appeared Yi Ding Gu and Jian Li
 Name(s) of Signer(s)
2 2

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

Signer's Name: _____

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

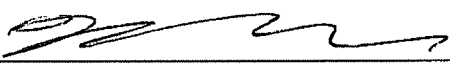

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

| | INVENTORS | DATE SIGNED |
|----|--|-------------|
| 1) | _____ | _____ |
| | Name: Gregory MANLOVE | |
| 2) | _____ | _____ |
| | Name: James MCKENZIE | |
| 3) | _____ | _____ |
| | Name: Robert CHIACCHIA | |
| 4) |  _____ | 5/04/2017 |
| | Name: Yi Ding GU | |
| 5) |  _____ | 05/04/17 |
| | Name: Jian LI | |