

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Pinkesh Sachdev</td><td>04/16/2009</td></tr><tr><td>Christopher Umminger</td><td>04/16/2009</td></tr></tbody></table>		Name	Execution Date	Pinkesh Sachdev	04/16/2009	Christopher Umminger	04/16/2009				
Name	Execution Date										
Pinkesh Sachdev	04/16/2009										
Christopher Umminger	04/16/2009										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Linear Technology Corporation</td></tr><tr><td>Street Address:</td><td>1630 McCarthy Blvd.</td></tr><tr><td>City:</td><td>Milpitas</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>95035</td></tr></table>		Name:	Linear Technology Corporation	Street Address:	1630 McCarthy Blvd.	City:	Milpitas	State/Country:	CALIFORNIA	Postal Code:	95035
Name:	Linear Technology Corporation										
Street Address:	1630 McCarthy Blvd.										
City:	Milpitas										
State/Country:	CALIFORNIA										
Postal Code:	95035										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12425015</td></tr></tbody></table>		Property Type	Number	Application Number:	12425015						
Property Type	Number										
Application Number:	12425015										
CORRESPONDENCE DATA											
Fax Number: (212)547-5444 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Email: tcrosier@mwe.com											
Correspondent Name: Michael Shanahan											
Address Line 1: 340 Madison Avenue											
Address Line 2: McDermott Will & Emery											
Address Line 4: New York, NEW YORK 10173											
ATTORNEY DOCKET NUMBER:	81318/179										
NAME OF SUBMITTER:	Michael Shanahan										
Total Attachments: 4 source=179 Assignment#page1.tif source=179 Assignment#page2.tif source=179 Assignment#page3.tif											

CH \$40.00 12425015

500836886

PATENT  
REEL: 022556 FRAME: 0549



ASSIGNMENT

WHEREAS, I, Pinkesh Sachdev, a citizen of India, residing at 1745 Nantucket Cir., Apt. 364, Santa Clara, CA 95054; and I, Christopher Umminger, a citizen of the United States, residing at 561 Bush St., Mountain View, CA 94041; have invented one or more inventions (hereinafter referred to as "said invention(s)") disclosed in an application for Letters Patent of the United States titled:

**SYSTEMS AND METHODS FOR FAST SWITCH  
TURN ON APPROXIMATING IDEAL DIODE FUNCTION**

(hereinafter referred to as "said application");

WHEREAS, Linear Technology Corporation (hereinafter together with its successors and assigns referred to as "the Assignee"), a Delaware corporation, having a place of business at 1630 McCarthy Blvd., Milpitas, California 95035, is desirous of obtaining all right, title and interest in, to and under said invention(s) and said application; and

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which we hereby acknowledge, we have sold, assigned, transferred and set over, and by these presents hereby sell, assign, transfer and set over to the Assignee or successor in interest all right, title and interest in, to and under said invention(s) and said application, including the right to apply for any Letters Patent of the United States of America and in any and all foreign countries on said invention(s), and any and all other applications for Letters Patent on said invention(s), in all countries, including all divisional, renewal, substitute, continuation, continuation-in-part and convention applications based in whole or in part upon said invention(s) or upon said application, and any and all Letters Patent which may issue thereon in the United States and foreign countries, and any and all reissues, reexaminations, extensions, renewals, divisions, continuations or continuations-in-part of Letters Patent or any patent that may emerge from an Interference proceeding granted for said invention(s) or upon said applications, to the full term or terms for which said Letters Patent may be issued, and every priority right that is or may be predicated upon or arise from said invention(s), said application and said Letters Patent, the same to be held and enjoyed by the Assignee or successor in interest for its own use and benefit fully and entirely as if the same would have been

held and enjoyed had this Assignment not been made. We hereby authorize the Assignee or successor in interest to file patent applications in any and all countries on any or all of said invention(s) in our names, or in its name, or otherwise as the Assignee or successor in interest may deem advisable, under the International Convention or otherwise.

We hereby authorize the Commissioner of Patents and Trademarks of the United States, and any official of any other country empowered to issue patents, to record this Assignment, and to issue or transfer all said Letters Patent on said invention(s) to the Assignee or successor in interest as owner of all right, title and interest therein, or otherwise as the Assignee or successor in interest may direct, in accordance with the terms of this Assignment.

We hereby represent and warrant that we have the full right to convey the entire right and interest herein assigned, that there are no rights or interests outstanding inconsistent with the rights and interests granted herein, and that we will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interests granted herein.

We hereby covenant and agree that we will, upon request of the Assignee or successor in interest, communicate to the Assignee or successor in interest any facts known to us relating to said invention(s) and the history thereof, testify in any legal proceeding, execute all lawful papers including without limitation all divisional, continuing and reissue applications and all rightful oaths and declarations, and generally do all further acts which may be deemed necessary by the Assignee or successor in interest to obtain and enforce proper patent protection for said invention(s) in all countries.

IN TESTIMONY WHEREOF, we have executed this document on the date indicated below.

Date: 4/16/09

  
Pinkesh Sachdev

STATE OF California

SS.:

COUNTY OF Santa Clara

Date: 4/16/09

  
Christopher Umminger

STATE OF California

SS.:

COUNTY OF Santa Clara

NYK 1206425-1.081318.0179

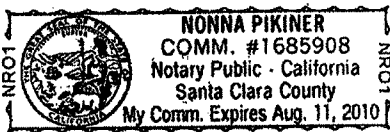
# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara }

On 4/16/09 before me, Nonna Pikiner, Notary Public,  
Date Here Insert Name and Title of the Officer

personally appeared Pinkesh Sachdev and  
Name(s) of Signer(s)  
Christopher Uminger



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 Nonna Pikiner  
Signature of Notary Public

Place Notary Seal Above

## OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another 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: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here