

09-18-2009

To the Director of the U. S. Patent and Trademark Office: Please r	74548
1. Name of Conveying Party(ies)	2. Name and address of receiving party(ies)
Wei GU, Zhizheng LIU	Name: LINEAR TECHNOLOGY CORPORATION
, or oc, manding 2.0	Internal Address:
Additional namc(s) of conveying party(ies) attached?  Yes No	
3. Nature of Conveyance/Execution Date(s)	Address: 1630 McCarthy Boulevard,
Execution Date(s): July 7, 2009, July 24, 2009 (respectively)	Milpitas, CA 95035-7417
☐ Merger	
Security Agreement Change of Name	
Joint Research Agreement	
Government Interest Assignment	
Executive Order 9424, Confirmatory License	
Other	Additional name(s) & address(es) attached?  Yes No
4. Application or patent number(s):	This document is being filed together with a new application.
A. Patent Application No(s).	B. Patent No(s).
12/495,170, filed on June 30, 2009	
Additional numbers attached? Yes No  5. Name and address to whom correspondence concerning document should be mailed:  6. Total number of applications and patents involved:	
Name: MCDERMOTT WILL & EMERY LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address:	Authorized to be charged by credit card
	Authorized to be charged to deposit account
Street Address: 600 13th Street, N.W.	☐ Enclosed
	None required (government interest not affecting title)
City: Washington State: D. C. Zip: 20005-3096	
Phone Number: 202.756.8000	8. Payment Information:
Fax Number: 202.756.8087	
Email Address:	a. Credit Card Last 4 Numbers
	Expiration Date b. Deposit Account Number 504914
	Authorized User Name
	09/17/2009 DBYRNE 00000013 584914 12495170
9. Signature. Son K. Jul Res. No. 51,	3~/ 01 FC:8021 40.00 DA
Stephen A. Becker, 26,527	September 15, 2009
Name and Registration No. of Person Signing	Signature Date
Total number of pages includi	ng cover sheet, attachments and documents: 4

**PATENT REEL: 023256 FRAME: 0840**  Docket No.: 081318-0203

## **ASSIGNMENT**

WHEREAS We, Wei GU of 1392 Tanaka Drive, San Jose, Santa Clara CA 95131 and Zhizheng LIU of 48898 Zinfandel Street, Fremont, Santa Clara CA 94539 respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled METHOD AND SYSTEM FOR DIMMING AN OFFLINE LED DRIVER, for which an application for United States Letters Patent was filed on June 30, 2009 and identified by United States Application No. 12/495,170;

AND WHEREAS, LINEAR TECHNOLOGY CORPORATION, a corporation of the State of DELAWARE and having an address of 1630 McCarthy Boulevard, Milpitas, CA 95035-7417 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto LINEAR TECHNOLOGY CORPORATION, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said LINEAR TECHNOLOGY CORPORATION, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

	7/7/2009	Wir an
Date		Wei GU
Date		Zhizheng LIU

PATENT REEL: 023256 FRAME: 0841 Docket No.: 081318-0203

## **ASSIGNMENT**

WHEREAS We, Wei GU of 1392 Tanaka Drive, San Jose, Santa Clara CA 95131 and Zhizheng LIU of 48898 Zinfandel Street, Fremont, Santa Clara CA 94539 respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled METHOD AND SYSTEM FOR DIMMING AN OFFLINE LED DRIVER, for which an application for United States Letters Patent was filed on June 30, 2009 and identified by United States Application No. 12/495,170;

AND WHEREAS, LINEAR TECHNOLOGY CORPORATION, a corporation of the State of DELAWARE and having an address of 1630 McCarthy Boulevard, Milpitas, CA 95035-7417 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto LINEAR TECHNOLOGY CORPORATION, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said LINEAR TECHNOLOGY CORPORATION, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date	Wei GU
7/24/2009	Zhizheng Liu
Date	Zhizheng LIU

PATENT REEL: 023256 FRAME: 0842

ignature Witness:
TATE OF <u>California</u> ) ) SS:
COUNTY OF Santa Clara )
On this 7th day of July, 2009, before me, Nonna Pikiner, the undersigned notary public, personally ppeared Wei GU, proved to me through satisfactory evidence of identification, which consisted of California Driver License, to be the person whose name is subscribed to the within instrument and cknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
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.  NONNA PIKINER COMM. #1685908 Z
Signature Noway Physics (Seal)  COMM. #1685908 z  Notary Public - California Resident Santa Clara County  My Comm. Expires Aug. 11, 2010
My commission expires <u>08/11/2010</u>
Signature Witness:
STATE OF) ) SS: COUNTY OF)
On this day of, 20, before me, the undersigned notary public, personally appeared <a href="https://dx.doi.org/richeng-LIU">Zhizheng LIU</a> , proved to me through satisfactory evidence of identification, which consisted of , to be the person whose name is signed on the
preceding or attached document in my presence.
Notary Public My commission expires

PATENT REEL: 023256 FRAME: 0843

**RECORDED: 09/15/2009**