(Rev	M PTQ-1595 , 6-9 <sup>1</sup> .) : No. 0651-0011 (exp. 4/94)	RE 09-10-200	3	SHEET  U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
UIVIL				Express Mail No. EV132187273US LT-157
	To the Honorable Commi			attached original documents or copy thereof.
1.	Name of conveying par	·· — - ·	2.	Name and address of receiving party
	William C. Rempfer	7.4.0		Name: Linear Technology Corp.
	Hassan Malik James L. Brubaker			
	Additional name(s) of conveyi	ng party(ies) attached? 🖸 Yes 🕻 No		Internal Address:
				Observed Address of A000 Mar 2011 To 15 to 15
3.	Nature of conveyance:			Street Address: 1630 McCarthy Boulevard
	Assignment	☐ Merger	}	City: Milpitas
	☐ Security Agreement	☐ Change of Name		State: <u>CA</u>
	Other		}	Country: USA ZIP: 95035
Exe	cution Date: <u>September 2,</u>	2003		Additional name(s) & address(es) attached? 🗆 Yes 🖿 No
4.	Application number(s) or		<b>.</b>	
	If this document is being	filed together with a new application, th	e exec	cution date of the application is:
	A. Patent Application	No.		B. Patent No.(s)
	10/440,080			2 = 1
		Additional numbers attac	ched?	☐ Yes ■ No
5.	Name and address of par concerning document sho	ty to whom correspondence ould be mailed:	6.	Total number of applications and patents invalved:
	Name: Fish & Neave		7.	Total fee (37 CFR 3.41)\$\_40.00
	Internal Address: George	L. Kanabe		Enclosed
				Charge excess/credit overpayment to deposit account
	Street Address: 1251 Av	enue of the Americas	8.	Deposit account number:
				06-1075
	City: New York	State: <u>NY</u> ZIP: <u>10020</u>		(Attach duplicate copy of this page if paying by deposit account)
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9.	Statement and signature. To the best of my knowle original document.		on is tr	ue and correct and any attached copy is a true copy of the
	George L. Kanabe	Glora L K	ær	September 4, 2003
	Name of Person Signing	Signatur	е	September 4, 2003 Date
	Reg. No. 51,858	Total number of pages including cover she	eet, atta	chments, and document: 5
1				

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Washington, D.C. 20231

09/09/2003 LINELLER 00000180 10440080

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PATENT REEL: 014461 FRAME: 0323

## ASSIGNMENT

WHEREAS, we, William C. Rempfer, Hassan Malik and James L. Brubaker, residing, respectively, at 257 Alba Court, Los Altos, California 94022; 497 Altamont Drive, Milpitas, California 95035; and 1785 Pebble Beach Court, Milpitas, California 95035, have made an invention in:

# GRADIENT INSENSITIVE SPLIT-CORE DIGITAL TO ANALOG CONVERTER

and have made application for United States Letters Patent therefor, the same having been filed in the United States Patent and Trademark Office as United States Patent Application No. 10/440,080 on May 15, 2003; and

WHEREAS, LINEAR TECHNOLOGY CORP., a corporation organized and existing under the laws of the State of California and having an office and place of business at 1630 McCarthy Boulevard, Milpitas, California 95035-7417, is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid to us, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said LINEAR TECHNOLOGY CORP., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements

Express Mail No. EV132187273US

PATENT REEL: 014461 FRAME: 0324 thereon for all countries of the world, and in and to said United States patent application, including any continuations and divisions thereof, and any substitute applications therefor, and including the right to claim priority under the International Convention based on said patent application, and any patent which may issue thereon, and any reissues of the same; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said LINEAR TECHNOLOGY CORP. as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names and affixed our seals on the date or dates indicated hereinafter.

Sept 2, 2003  Date	William C. Rempfer
STATE OF California : SE COUNTY OF STATE Chical	S.:
before me in person t and acknowledged the he signed, sealed and	day of Solember 2003, appeared he above-named William C. Rempfer above to be his signature and that delivered the above instrument as deed, and for the uses and forth.  Notary Public
(Notarial seal)	My Commission expires:
MONICA JOHNSON Commission # 1301693 Notary Public - California Santa Clara County My Comm. Expires Apr 21, 2005	4-21-05

9/2/03

Date

Hassan Malik

STATE OF aliberrat

SS.

COUNTY OF WHA Clara

On this 2 th day of Splentes 2003, appeared before me in person the above-named Hassan Malik and

acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth, Notary Public My Commission expires: (Notarial seal) 4-21-05 MONICA JOHNSON Commission#1301693 Notary Public - California Santa Clara County My Comm. Expires Apr 21, 2005 STATE OF Nitoenia) COUNTY OF arta Chara) On this 2 th day of spenker, 2003, appeared before me in person the above-named James L. Brubaker and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth. Notary Public

(Notarial seal)

My Commission expires:

4-21-05

MONICA JOHNSON
Commission # 1301693
Notary Public - California
Santa Clara County
My Comm. Expires Apr 21, 2005

### Docket No. LT-157

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#### PATENT APPLICATION

Applicants : William C. Rempfer et al.

Application No.: 10/440,080 Confirmation No.: 7474

Filed : May 15, 2003

For : GRADIENT INSENSITIVE SPLIT-CORE

DIGITAL TO ANALOG CONVERTER

Group Art Unit : 2819

Examiner : Not Yet Assigned

New York, New York 10020

September 4, 2003

Mail Stop Assignment Recordation Services Hon. Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

## EXPRESS MAIL CERTIFICATION

Express Mail mailing label number <u>EV132187273US</u>

Date of Deposit Setpember 4, 2003

I hereby certify that this paper/fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Mail Stop Assignment Recordation Services, Hon. Commissioner for Patents, P.O. Box 2327, Alexandria, Virginia 22313-1450.

Lillian Garcia

PATENT REEL: 014461 FRAME: 0328

## Encl:

- (1) An executed Assignment (4 pp.);
- (2) A Recordation Form Cover Sheet (1 p. in duplicate);
- (3) A check in the amount of \$40.00; and
- (4) A return postcard.

FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE RECORDATION FORM COVER SHEET Patent and Trademark Office (Rev. 6-9. ) OMB No. 0651-0011 (exp. 4/94) **PATENTS ONLY** Express Mail No. EV132187273US LT-157 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party William C. Rempfer Name: Linear Technology Corp. Hassan Malik James L. Brubaker Internal Address: \_\_ Additional name(s) of conveying party(ies) attached? 🖸 Yes 🚨 No Street Address: <u>1630 McCarthy Boulevard</u> 3. Nature of conveyance: City: Milpitas Assignment Merger State: CA ☐ Security Agreement ☐ Change of Name Country: USA ZIP: 95035 Other\_ Additional name(s) & address(es) attached? Aves No Execution Date: September 2, 2003 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: Patent No.(s) Patent Application No. 10/440,080 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence Total number of applications and patents involved: concerning document should be mailed: Total fee (37 CFR 3.41).....\$40.00 Name: Fish & Neave Internal Address: George L. Kanabe Enclosed Charge excess/credit overpayment to deposit account Street Address: 1251 Avenue of the Americas Deposit account number: 06-1075

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the

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9.

Statement and signature.

original document.

Name of Person Signing

RECORDED: 09/04/2003

George L. Kanabe

Reg. No. 51,858

September 4, 2003

Date

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