07-03-2000 U.S. Department of Commerce **FORM PTO-1595** Patent and Trademark Office TI J- 28955 101394349 To the Assistant Commissioner for Pate nts or copy thereof. 1. Name of conveying party(ies): CPLOFINANCE 2. Name and Address of receiving party(ies): TEXAS INSTRUMENTS INCORPORATED (1) Seisei (nmi) Oyamada P.O. Box 655474, MS 3999 (2) Texas Instruments Japan, Ltd. Dallas, TX 75265 Additional name(s) & address(es) attached? ____ Yes _X_ No 3. Nature of Conveyance: ____ Merger __X__ Assignment ____ Security Agreement ____ Change of Name ____ Other ___ Execution Date: Oyamada, 04/25/00; Texas Instruments Japan, Ltd., 05/11/00 4. Application number(s) or patent number(s). Execution date of the application: 04/11/00 Title: INTERFACE CIRCUIT Docket No: TI J-28955 B. Patent No.(s) A. Patent Application No.(s) S.N. 09/512,129 Additional numbers attached? ____ Yes __X_ No Additional numbers attached? _____ Yes __X__No 6. Number of applications and patents involved: ____(1)____ 5. Name and address of party to whom correspondence concerning document should be mailed: Bret J. Petersen, Reg. No. 37,417 Texas instruments incorporated P.O. Box 655474, MS 3999 Dallas, TX 75265 7. Amount of fee enclosed or authorized to be charged: \$40 8. Deposit Account No: 20-0668, Texas Instruments Incorporated (Attach duplicate copy if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature.

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 original document.

Bret J. Peterson, Reg. No. 37,417

Person Signing Document

5-22-00 Date

Bret J. Petersen, Reg. No. 37,417

Total Number of Pages Including Cover Sheet, Attachments and Document: 3

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ASSIGNMENT

WHEREAS, TEXAS INSTRUMENTS JAPAN, LTD. (hereinafter TIJ), a Japanese company having its headquarters at Aoyama Fuji Bldg., 6-12 Kita-Aoyama 3-Chome, Minato-ku, Tokyo, Japan, under the laws of Japan made application, in its own name, for Letters Patent in Japan in respect of an invention as set forth below;

WHEREAS, the or each below named inventor (hereinafter INVENTOR) is the or an inventor of the said invention;

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 7839 Churchill Way, Mail Station 3999, Dallas, Texas 75251, USA, is desirous of acquiring the entire right, title and interest in and to the said invention outside of Japan, and in and to the U.S. patent application as identified hereinafter and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, by this Assignment, TIJ and INVENTOR sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns the entire right, title and interest in and to the said invention in the U.S.A. and all other countries outside Japan; in and to the U.S. patent application as identified below and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and the right to file applications and obtain patents in its own name in any said other country or group of countries, and to claim priority under the terms of the International Convention for the Protection of Industrial Property or any other relevant convention;

TIJ and INVENTOR hereby authorize and request the Commissioner of Patents to issue U.S. patents for said invention, or U.S. patents resulting therefrom, insofar as the interest of TIJ and INVENTOR is concerned to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of the entire right, title and interest.

TIJ and INVENTOR further agree to communicate to TEXAS INSTRUMENTS INCORPORATED or to its successors, assigns and legal representatives, any facts known to TIJ and INVENTOR respecting the said invention, and at the expense of TEXAS INSTRUMENTS INCORPORATED, sign any and all patent applications, assignments, affidavits and other lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, testify in any legal or quasi-legal proceedings 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 outside of Japan.

Title of Invention: INTERFACE CIRCUIT

Japanese Serial No.: 11(1999)-049,522, Filed: February 26, 1999

U.S. Application Serial No.: 09/512,129, Filed: February 24, 2000

IN WITNESS WHEREOF, this Agreement has been executed as set forth below;

Signed at Tokyo on May 11, 2000

by Texas Instruments Japan, Ltd.

Name Toshiaki Ikoma

Title Representative Director and President

Date _ 5/11/0-

and by the INVENTOR:

701 Legacy Drive, Apt. 246, Plano, Texas, U.S.A.

Address

FORM PTO-1595	RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. Department of Commerce Patent and Trademark Office
TI J- 28955			
To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.			
1.Name of conveying party(ies):		2. Name and Address of rece	iving party(ies):
(1) Seisei (nmi) Oyamada(2) Texas Instruments Japan, Ltd.		P.O. Box 65547 Dallas, TX 752	
3. Nature of Conveyance:		Additional Hame(s) & address(
X_Assignment Merger			
Other			
Execution Date: Oyamada, 04/25/00; Texas Instruments Japan, Ltd., 05/11/00			
4. Application number(s) or patent number(s).			57
Execution date of the application: 04/11/00 Title: INTERFACE CIRCUIT Docket No: TI J-28955			7
A. Patent Application No.(s) S.N. 09/512,129		B. Patent No.(s)	
Additional numbers attached? Yes _	_X No	Additional numbers atta	ached?YesXNo
5. Name and address of party to whom corresp concerning document should be mailed: Bret J. Petersen, Reg. No. 37,417 Texas Instruments Incorporated P.O. Box 655474, MS 3999 Dallas, TX 75265		6. Number of applications and	patents involved:(1)
,		7. Amount of fee enclosed or	authorized to be charged: \$40
		Deposit Account No: 20-06 Incorporated (Attach dup paying by deposit account)	plicate copy if
DO NOT USE THIS SPACE			
9. Statement and signature.			
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 original document.			
		WA	1. El
Bret J. Peterson, Reg. No. 37,417 Person Signing Document	5-23- Date	/,	Petersen, Reg. No. 37,417

Total Number of Pages Including Cover Sheet, Attachments and Document: 3

RECORDED: 05/25/2000