

08-30-2001



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Conveying Party(ies)

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Name (line 1) Haoran Zhang

Execution Date
Month Day Year
8-20-2001

Name (line 2)

Second Party

Name (line 1) Gregory S. Waterfall

Execution Date
Month Day Year
8-20-2001

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Texas Instruments Incorporated

Name (line 2)

Address (line 1) 13500 North Cental Expressway

Address (line 2)

Address (line 3) Dallas

Texas/U.S.

75265

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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PATENT
REEL: 012109 FRAME: 0466

Correspondent Name and Address

Area Code and Telephone Number

972-917-5633

Name W. Daniel Swayze III

Address (line 1) Texas Instruments Incorporated

Address (line 2) 7839 Churchill Way, MS 3999

Address (line 3) P.O. Box 655474

Address (line 4) Dallas, Texas 75265

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year
8-22-2001

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

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Number of Properties

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1

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Fee Amount for Properties Listed (37 CFR 3.41): \$

40.00

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Enclosed ☒

Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

19-2814

Authorization to charge additional fees:

Yes

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No

☐

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. Charges to deposit account are authorized, as indicated herein.

R. Lee Fraley, Reg. No. 42,550

Name of Person Signing



Signature

8/22/01

Date

ATTORNEY DOCKET
NO. 38880.4100

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

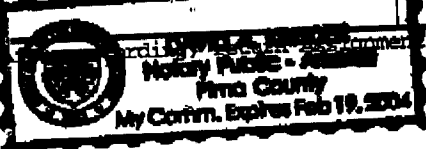

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the state of Delaware, with its principal office at 13500 North Central Expressway, Dallas, Texas 75265, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, 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.

IN WITNESS WHEREOF, I hereunto set my hand and seal this day and year:

TITLE OF INVENTION	CHARGE PUMP CIRCUITS FED WITH CURRENT SOURCES		
SIGNATURE OF INVENTOR and NAME	<i>Haoran Zhang</i> Haoran Zhang	<i>Gregory S. Waterfall</i> Gregory S. Waterfall	
DATE	08/20/2001	8/20/01	
RESIDENCE (City, County, State)	Tucson, Pima, Arizona	Tucson, Pima, Arizona	
DATE APPLICATION EXECUTED	8-20-01	8-20-01	
			

to: Texas Instruments Incorporated
7839 Churchill Way, MS 3999
P.O. Box 655474
Dallas, TX 75265

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