

04-20-2001

FORM PTO-1595

U.S. Department of Commerce
Patent and Trademark Office

Docket Number: TI-31746



To the Ass't Commissioner for Patents. Plc

101677253

thereof.

1. Name of conveying party(ies):

James B. Cho

Additional names(s) attached? Yes ☒ No

8/08/01

2. Name and Address of receiving party(ies):

Name: Texas Instruments Inc.

Address: P.O. Box 655474, M/S 3999

City: Dallas, Texas 75265

Country: United States of America

Additional name(s) & address(es) attached? Yes ☒ No11046 U.S. PTO
09/801534

03/08/01

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date March 7, 2001

09801534

4. Application number(s) or patent number(s).

☒ This document is being filed together with a new application.

Execution date of the application: March 7, 2001

Title: USING PHASE INTERPOLATOR INFORMATION TO DETECT A LOSS OF LOCK CONDITION DURING
RECOVERY OF A CLOCK SIGNAL FROM A RECEIVED DATA STREAM

A. Patent Application No.(s)

S.N.

Additional number attached? Yes ☒ No

B. Patent No.(s)

Additional numbers attached? Yes ☒ No5. Name and address of party to whom correspondence concerning
document should be mailed:W. James Brady III
Texas Instruments Incorporated
P.O. Box 655474, M/S 3999
Dallas, TX 75265
972-917-4371

6. Number of applications and patents involved: (1)

7. Amount of fee enclosed or authorized to be charged: \$40

8. Deposit Account No: 20-0668

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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.
Scott B. Stahl, Reg. No. 33,795

Total Number of Pages Including Cover Sheet, Attachments and Document: 2

2502636

PATENT
REEL: 011685 FRAME: 0870

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

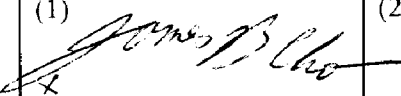
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at 7839 Churchill Way, M.S. 3999, Dallas, TX 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said 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 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 hand and seal this day and year;

TITLE OF INVENTION	USING PHASE INTERPOLATOR INFORMATION TO DETECT A LOSS OF LOCK CONDITION DURING RECOVERY OF A CLOCK SIGNAL FROM A RECEIVED DATA STREAM		
SIGNATURE OF INVENTOR AND NAME	(1)  James B. Cho	(2)	(3)
DATE	3-07-01		
RESIDENCE (City, County, State)	Plano, Collin, Texas		
DATE APPLICATION EXECUTED	3-07-01		

After recording return Assignment to:

W. James Brady, III
Texas Instruments Incorporated
P. O. Box 655474, M/S 3999
Dallas, TX 75265