

06-20-2005

FORM PTO-1595
TI-38620

U.S. Department of Commerce

To the Assistant Commissioner for Pat

103023565

...ents or copy thereof.

1. Name of conveying party(ies):

1) Lee D. Whetsel

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

Name: TEXAS INSTRUMENTS INCORPORATED

Address: P.O. Box 655474, MS 3999

City: Dallas

State: TX Zip: 75265

Additional name(s) & address(es) attached? ___ Yes X No112950 U.S. PTO
11/150891

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3. Nature of Conveyance:

X Assignment _____ Merger

_____ Security Agreement _____ Change of Name

_____ Other _____

Execution Date: June 10, 2005

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

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

Execution date of the application: June 10, 2005

Title: Direct Scan Access JTAG

Docket No: TI-38620

A. Patent Application No.(s)

TBD

Additional numbers attached? ___ Yes X No

B. Patent No.(s)

Additional numbers attached? ___ Yes X No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Lawrence J. Bassuk.
Texas Instruments IncorporatedAddress: P.O. Box 655474, MS 3999
City: Dallas
State: TX Zip: 752656. Number of applications and patents involved: (1)7. Amount of fee enclosed or authorized to be charged: **\$40**8. Deposit Account No: 20-0668 of Texas Instruments Incorporated
(Attach duplicate copy if paying by deposit account) This form is
submitted in duplicate.06/17/2005 DBYRNE 00000106 200668 11150891
01 FC:0021 40.00 DA

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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.

Date
June 13, 2005

Lawrence J. Bassuk, Reg. No. 29, 043

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 P.O. Box 655474, MS 3999, 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 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	DIRECT SCAN ACCESS JTAG		
SIGNATURE OF INVENTOR AND NAME	Lee D. Whetsel <i>Lee D. Whetsel</i> Name	Name	Name
DATE	6-10-05		
RESIDENCE (City, County, State)	Parker, Collin, Texas		
DATE APPLICATION EXECUTED	6-10-05		

After recording returning Assignment to:

Lawrence J. Bassuk
Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265

PATENT

RECORDED: 06/13/2005

REEL: 016689 FRAME: 0956