

02-02-2006

Attorney Docket No. TI-23011A.4

FORM PTO-1595

U.S. Department of Commerce
Patent and Trademark Office



103168541

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1.2406

1. Name of conveying party(ies):

Kuong Hue Hii
Danny R. Cline
Theo J. Powell

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

Name: Texas Instruments Incorporated
Internal Address: P. O. Box 655474, M/S 3999
Street Address: 7839 Churchill Way

City: Dallas

State: Texas Zip: 75265

112959 U.S. PTO
11/338029



012406

Additional name(s) attached? ___ Yes X No

Additional name(s) & address(es) attached? ___ Yes X No

3. Nature of Conveyance:

X Assignment ___ Merger
___ Security Agreement ___ Change of Name
___ Other _____

Execution Date: February 28, 1997

4. 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 _____.

A. Patent Application No.(s)

08/846,922

B. Patent No.(s)

Additional numbers attached? ___ Yes X No

Additional numbers attached? ___ Yes X No

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

Name: William B. Kempler
Internal Address: P. O. Box 655474, M/S 3999
Street Address: 7839 Churchill Way

City: Dallas

State: Texas Zip: 75265

6. Number of applications and patents involved: 1

7. Amount of fee enclosed or authorized to be charged: \$40.00

8. Deposit account number (Attach two copies of this form if paying by deposit account): 20-0668

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.

Signature

Name of Person Signing: William B. Kemper, Reg. No. 28,228

Date:

1/24/06

Total number of pages including cover sheet, attachments, and document: 9

02/01/2006 DBYRNE 00000081 200668 11338029

01 FC:8021 40.00 DA

PATENT
REEL: 017514 FRAME: 0715

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

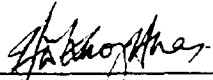
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at 13500 North Central Expressway, Dallas, Texas 75265, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the 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 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	A BUILT-IN SELF-TEST ARRANGEMENT FOR INTEGRATED CIRCUIT MEMORY DEVICES		
SIGNATURE OF INVENTOR AND NAME	 Kuong Hua Hui	Dan Cline	Theo J. Powell
DATE	5-29-96		
RESIDENCE (City, County, State)	Singapore	Dallas, Texas	Dallas, Texas
DATE APPLICATION EXECUTED			

After recording returning Assignment to:

Richard B. Havill
Texas Instruments Incorporated
P.O. Box 655474, M/S 219
Dallas, TX 75265

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 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.

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TITLE OF INVENTION	A BUILT-IN SELF-TEST ARRANGEMENT FOR INTEGRATED CIRCUIT MEMORY DEVICES		
SIGNATURE OF INVENTOR AND NAME	<u>Kuong Hua HII</u>	<u>Dan Cline</u>	<u>Theo J. Powell</u> Theo J. Powell
DATE			May 31, 1996
RESIDENCE (City, County, State)	Singapore	Dallas, Texas	Dallas, Texas
DATE APPLICATION EXECUTED			

After recording returning Assignment to:

Richard B. Havill
Texas Instruments Incorporated
P.O. Box 655474, M/S 219
Dallas, TX 75265

ASSIGNMENT

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TITLE OF INVENTION	A BUILT-IN SELF-TEST ARRANGEMENT FOR INTEGRATED CIRCUIT MEMORY DEVICES		
SIGNATURE OF INVENTOR AND NAME	<u>Kuong Hua Hii</u>	<u>Danny R. Cline</u> Danny R. Cline	<u>Theo J. Powell</u>
DATE		2/28/97	
RESIDENCE (City, County, State)	Singapore	Dallas, Texas	Dallas, Texas
DATE APPLICATION EXECUTED		2/28/97	

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