

PATENT ASSIGNMENT

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Conveying Party Name: Srinivasa Chakravarthy

Execution Date: 05/03/2001

Conveying Party Name: Rubin A. Parekhji

Execution Date: 04/30/2001

Conveying Party Name: Julio C. Hernandez

Execution Date: 05/02/2001

Conveying Party Name: Kenneth M. Butler

Execution Date: 04/30/2001

RECEIVING PARTY DATA

Receiving Party Name: Texas Instruments Incorporated

Street Address: 7839 Churchill Way

Internal Address: M/S 3999

City: Dallas

State: TEXAS

Country:

Postal Code: 75251

The USPTO, Office of Public Records, will send correspondence via facsimile to **FAX NUMBER:** (972)917-4418

CORRESPONDENCE DATA:

Correspondence will be sent via US Mail when a fax number has not been provided or the fax attempt is unsuccessful.

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 023494

To the best of my knowledge, the foregoing information is true and correct and any attached copy is a true copy of the original document.

PATENT

800000199

REEL: 011535 FRAME: 0550

NAME OF PERSON SIGNING: Richard A. Bachand

DATE SIGNED: 05/04/2001

Total Attachments: 4

source="Assnmt - Chakravarthy.tif "

source="Assnmt - Parekhji.tif "

source="Assnmt - Hernandez.tif "

source="Assnmt - Butler.tif "

ATTORNEY DOCKET NO.
TI-29660

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 a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 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 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	USING PSEUDO-PINS IN GENERATING SCAN TEST VECTORS FOR TESTING AN EMBEDDED CORE WHILE MAINTAINING THE IP CONTAINED THEREIN		
SIGNATURE OF INVENTOR and NAME	<i>B. Srinivasa Chakravarthi</i> Srinivasa Chakravarthi	Rubin A. Parekhji	
DATE	<i>3rd May 2001</i>		
RESIDENCE (City, Country)	Bangalore, India	Bangalore, India	
DATE APPLICATION EXECUTED	<i>3rd May 2001</i>		

After recording, return Assignment to:

Texas Instruments Incorporated
7839 Churchill Way, M/S 3999
Dallas, TX 75251

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 a place of business at 7339 Churchhill Way, M/S 3953, Dallas, Texas 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 and to the said application and all patents which may be granted thereon, 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 patents 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.

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SIGNATURE OF INVENTOR and NAME	Srinivasa Chakravasthy	<i>Srinivasa Chakravasthy</i>	
DATE		APRIL 30/2001	
RESIDENCE (City, Country)	Bangalore, India	Bangalore, India	
DATE APPLICATION EXECUTED		APRIL 30 2001	

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7339 Churchhill Way, M/S 3953
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SIGNATURE OF INVENTOR and NAME	<i>Julio C. Hernandez</i> Julio C. Hernandez	Kenneth M. Butler	
DATE	5-2-01		
RESIDENCE (City, County, State)	Rancho Santa Margarita, Orange County, California	Richardson, Collin County, Texas	
DATE APPLICATION EXECUTED	5-2-01		

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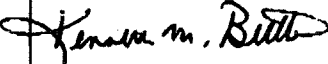
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the state of Delaware, with a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

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SIGNATURE OF INVENTOR and NAME	Julio C. Hernandez	 Kenneth M. Butler	
DATE		APRIL 30, 2001	
RESIDENCE (City, County, State)	Rancho Santa Margarita, Orange County, California	Richardson, Collin County, Texas	
DATE APPLICATION EXECUTED		APRIL 30, 2001	

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