

01-10-2003

FORM PTO-1595



SET

U.S. Department of Commerce  
Patent and Trademark Office

TI-32300

102336638

To the Ass't Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- 1) Texas Instruments India Limited (12/12/02)
- 2) G. Subash Chandar (12/12/02)
- 2) Jais Abraham (12/13/02)

12-20-02

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\_\_\_ No

3. Nature of Conveyance:

- Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: December 12 and 13, 2002

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

This document is being filed together with a new application.

10, 324900

Execution date of the application: December 12 and 13, 2002

Title: **Garred Scan Output Flip-Flop**

Docket No: **TI-32300**

A. Patent Application No.(s)

S.N.

B. Patent No.(s)

X,XXX,XXX

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: Gerald E. Laws  
 Texas Instruments Incorporated  
 Address: P.O. Box 655474, MS 3999  
 City: Dallas  
 State: TX Zip: 75265

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** (No duplicate copy is needed).

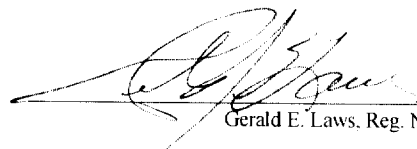
DO NOT USE THIS SPACE

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.*

December 20, 2002

Date



Gerald E. Laws, Reg. No. 39,268

Total Number of Pages Including Cover Sheet, Attachments and Document: 5

JCS97 U.S. PTO  
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 12/20/02

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Assignment  
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ASSIGNMENT

WHEREAS, the below named inventor(s) (hereinafter INVENTOR) is the inventor or an inventor of an invention for which a U.S. patent application has been filed as set forth below, and made the said invention in the course of employment by TEXAS INSTRUMENTS INDIA LIMITED, a company organized of according to the laws of India, having an office at Golf View Home, Wind Tunnel Road, Post Box No. 1708, Murgeshpalya, Bangalore 560 017, India, hereinafter (TIIN);

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 7839 Churchill Way, Mail Station 3999, Dallas, Texas 75251, USA, is desirous of acquiring our entire right, title interest in and to the said invention outside of India, and in 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, by this Assignment, TIIN and INVENTOR sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, the entire right, title and interest in and to the said invention in the U.S.A. and in all other countries outside India; in and to the U.S. patent application as identified below and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and to file applications and obtain patents in its own name in any said other country or group of countries, and to claim priority under the terms of the International Convention for the Protection of Industrial Property or any other relevant convention;

TIIN and INVENTOR hereby authorize and request the Commissioner of Patents to issue all U.S. patents for said invention, or patents resulting therefrom, insofar as our interest is concerned to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of the entire right, title and interest.

TIIN and INVENTOR further agree to communicate to TEXAS INSTRUMENTS INCORPORATED or to its successors, assigns and legal representatives, any facts known to them respecting the said invention, and at the expense of TEXAS INSTRUMENTS INCORPORATED, sign any and all patent applications, assignments, affidavits and other lawful papers, execute all applications, make all lawful oaths, testify in any legal or quasi-legal proceedings and generally everything possible to said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries outside India.

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Assignment  
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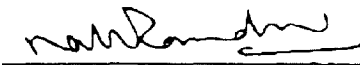
Title of Invention: **Gated Scan Output Flip-Flop**  
Inventor(s): G. Subash Chandar, et al..  
U.S. Application Serial No: n/a; Filing Date: n/a  
U.S. Application Serial No: ; Filing Date:

IN WITNESS WHEREOF, this Agreement has been executed as set forth below:

Signed at: Bangalore, India on 12 Dec 2002  
by Texas Instruments India Limited

Name: Dr. Biswadip Mitra

Title: Managing Director, Texas Instruments India Limited

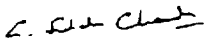
Signature: 

Executed for and on behalf of **TEXAS INSTRUMENTS INCORPORATED**

By: \_\_\_\_\_  
Name: W. James Brady, III  
Title: Deputy General Patent Counsel and Vice President  
Date: \_\_\_\_\_

and by the INVENTOR(S):

Name: G. Subash Chandar

Signature:   
Address: 46, RajuNagar-2, Jothipuram post, Coimbatore, Tamil Nadu, 641047, India

Date: 12 Dec 2002

Name: Jais Abraham

Signature: \_\_\_\_\_  
Address: Vadassery House, P.O. Angadipuram, Dist. Malapuram, Kerala, 679321, India

Date: \_\_\_\_\_

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Assignment

Page 1 of 2

**ASSIGNMENT**

WHEREAS, the below named inventor(s) (hereinafter INVENTOR) is the inventor or an inventor of an invention for which a U.S. patent application has been filed as set forth below, and made the said invention in the course of employment by TEXAS INSTRUMENTS INDIA LIMITED, a company organized of according to the laws of India, having an office at Golf View Home, Wind Tunnel Road, Post Box No. 1708, Murgeshpalya, Bangalore 560 017, India, hereinafter (TIIN);

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, by this Assignment, TIIN and INVENTOR sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, the entire right, title and interest in and to the said invention in the U.S.A. and in all other countries outside India; in and to the U.S. patent application as identified below and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and to file applications and obtain patents in its own name in any said other country or group of countries, and to claim priority under the terms of the International Convention for the Protection of Industrial Property or any other relevant convention;

TIIN and INVENTOR hereby authorize and request the Commissioner of Patents to issue all U.S. patents for said invention, or patents resulting therefrom, insofar as our interest is concerned to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of the entire right, title and interest.

TIIN and INVENTOR further agree to communicate to TEXAS INSTRUMENTS INCORPORATED or to its successors, assigns and legal representatives, any facts known to them respecting the said invention, and at the expense of TEXAS INSTRUMENTS INCORPORATED, sign any and all patent applications, assignments, affidavits and other lawful papers, execute all applications, make all lawful oaths, testify in any legal or quasi-legal proceedings and generally everything possible to said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries outside India.

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Assignment

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Title of Invention: **Gated Scan Output Flip-Flop**

Inventor(s): G. Subash Chandar, et al.

U.S. Application Serial No: n/a; Filing Date: n/a

U.S. Application Serial No: ; Filing Date:

IN WITNESS WHEREOF, this Agreement has been executed as set forth below:

Signed at: Bangalore, India on \_\_\_\_\_  
by Texas Instruments India LimitedName: Dr. Biswadiip MitraTitle: Managing Director, Texas Instruments India Limited

Signature: \_\_\_\_\_

Executed for and on behalf of **TEXAS INSTRUMENTS INCORPORATED**

By: \_\_\_\_\_

Name: W. James Brady, IIITitle: Deputy General Patent Counsel and Vice President

Date: \_\_\_\_\_

and by the INVENTOR(S):

Name: G. Subash ChandarSignature: \_\_\_\_\_  
Address: 46, RajuNagar-2, Jothipuram post, Coimbatore, Tamil Nadu, 641047, India

Date: \_\_\_\_\_

Name: Jais AbrahamSignature: Jais Abraham  
Address: Vadassery House, P.O. Angadipuram, Dist. Malapuram, Kerala, 679321, IndiaDate: 13 DEC 2002-