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Atty Docket No.: TI-38178 (1962-14300)

Form PTO-1595
(Rev. 10/02)

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U. S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

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

1. Name of conveying parties(ies): **Execution Date**

Sue Ellen CRANK *8-10-04* August 9, 2004
 Shirin SIDDIQUI August 9, 2004
 Deborah J. RILEY August 9, 2004
 Trace Quentin HURD August 9, 2004
 Peijun J. CHEN August 9, 2004

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: Crank (8/9/04); Siddiqui (8/9/04);
Riley (8/9/04); Hurd (8/9/04); Chen (8/9/04)

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

Name: Texas Instruments IncorporatedInternal Address: MS 3999Street Address: P. O. Box 655474City: Dallas State: TX Zip: 75265Additional name(s) & address(es) attached? ☐ Yes ☒ No

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 : August 9, 2004A. Patent Application No.(s). New ApplicationB. Patent No.(s).Additional numbers attached? ☐ Yes ☒ No

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

Peter McLarty
 Texas Instruments Incorporated
 P. O. Box 655474, MS 3999
 Dallas, TX 75265

6. Total number of application and patents involved:17. Total fee (37 CFR 3.41)\$ 40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number: 20-0668

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9. Signature.

R. Brian Rogers, Reg No. 52,179

Name of Person Signing

R. Brian Rogers

Signature

10 Aug 04

Date

Total number of pages including cover sheet, attachments, and documents 3

Mail documents to be recorded with required cover sheet information to:

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PATENT
 REEL: 015680 FRAME: 0814

ATTORNEY DOCKET NO.
TI-38178 (1962-14300)

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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

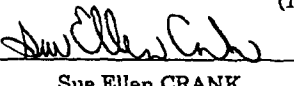
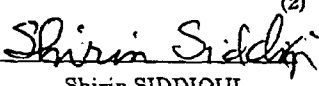
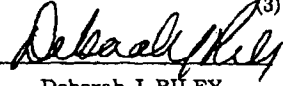
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at P.O. Box 655474, MS 3999, Dallas, Texas 75265, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said 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 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 Ass't Commissioner for Patents 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	TREATMENT OF SILICON PRIOR TO NICKEL SILICIDE FORMATION		
SIGNATURE OF INVENTOR AND NAME	 ⁽¹⁾ Sue Ellen CRANK	 ⁽²⁾ Shirin SIDDQUI	 ⁽³⁾ Deborah J. RILEY
DATE	8/9/04	08-09-04	08-09-04
RESIDENCE (City, County, State)	831 Lockhaven Lane Coppell, Dallas Texas 75019	8913 Somerville Way Plano, Collin Texas 75025	3208 Walker Drive Richardson, Dallas Texas 75082
DATE APPLICATION EXECUTED	8/9/04	08-09-04	08-09-04

ATTORNEY DOCKET NO.
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ASSIGNMENT

TITLE OF INVENTION	TREATMENT OF SILICON PRIOR TO NICKEL SILICIDE FORMATION		
SIGNATURE OF INVENTOR AND NAME	 ⁽⁴⁾ Trace Quentin HURD	 ⁽⁵⁾ Peijun J. CHEN	
DATE	9 AUG 04	9 Aug 04	
RESIDENCE (City, County, State)	3913 Hearst Castle Way Plano, Collin Texas 75025	13044 Woodbend Lane Dallas, Dallas Texas 75243	
DATE APPLICATION EXECUTED	9 AUG 04	9 Aug 04	

After recordation, please return Assignment to:

Peter McLarty
Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265

19638.01/1962.14300

RECORDED: 08/10/2004

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