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Ajay Kumar
Krishnaswamy Najara]

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

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Execution Date(s) 4/1/2011 and 4/1/2011

- ☒ Assignment ☐ Merger
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2. Name and address of receiving party(ies)

Name: Texas Instruments Incorporated

Internal Address: MS 3999

Street Address: P.O. Box 655474

City: Dallas

State: Texas

Country: US Zip: 75265

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4. Application or patent number(s):

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

A. Patent Application No.(s)

13/078,712

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Texas Instruments Incorporated

Internal Address: MS 3999

Street Address: P.O. Box 655474

City: Dallas

State: Texas Zip: 75265

Phone Number: (972) 917-4371

Fax Number: (972) 917-4418

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 200668

Authorized User Name Wade J. Brady

9. Signature:

/Augustus W. Winfield/

Signature

April 14, 2011

Date

Augustus W. Winfield

Name of Person Signing

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

4

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PATENT

REEL: 026132 FRAME: 0170

700460697

CH \$40.00 200668 13078712

Attorney Docket No.
TI-68998

Serial No. 13/078,712

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.

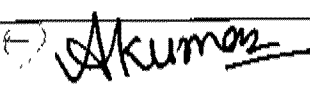

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said 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 to the said application and all patents which may be granted therefore, 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 Paris Convention for the Protection of Industrial Property, 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.

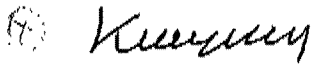

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute 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	RING OSCILLATOR
SIGNATURE OF INVENTOR AND NAME	 Ajay Kumar
DATE	 Apr. 1, 2011
RESIDENCE (CITY AND COUNTRY)	Dallas, TX

TI-68998

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TITLE OF INVENTION	RING OSCILLATOR
SIGNATURE OF INVENTOR AND NAME	 Krishnaswamy Najaraj
DATE	 1 st April 2011
RESIDENCE (CITY AND COUNTRY)	Plano, TX

SIGNATURE OF INVENTOR AND NAME	
DATE	
RESIDENCE (CITY AND COUNTRY)	

SIGNATURE OF INVENTOR AND NAME	
DATE	
RESIDENCE (CITY AND COUNTRY)	

After recording, return Assignment to:

Texas Instruments Incorporated
PO Box 655474, M/S 3999
Dallas, TX 75265