

Form PTO-1595 (Rev. 03-11)  
OMB No. 0651-0027 (exp. 03/31/2012)U.S. DEPARTMENT OF COMMERCE  
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PATENTS ONLY****TI-72443**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**Shyam Jagannathan August 17, 2012  
Naveen Srinivasamurthy August 17, 2012Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) See dates to the right of conveying parties

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
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☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**Name: TEXAS INSTRUMENTS INCORPORATED

Internal Address: \_\_\_\_\_

Street Address: P. O. Box 655474City: DallasState: TexasCountry: US Zip: 75265Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

**13/588,245**Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: TEXAS INSTRUMENTS INCORPORATED

Internal Address: \_\_\_\_\_

Street Address: 12500 TI Boulevard - M/S 3999City: DallasState: Texas Zip: 75243

Phone Number: \_\_\_\_\_

Fax Number: (214) 479-1223Email Address: uspto@ti.com**6. Total number of applications and patents involved:** One**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 20-0668Authorized User Name Bob Marshall**9. Signature:** /Jonathan M. Harris/August 17, 2012

Signature

Date

Jonathan M. Harris

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: **3**Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 200668 13588245

Attorney Docket No.  
TI-72443

Serial No.

# 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

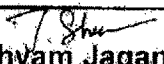
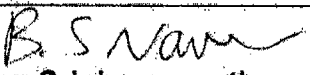
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said 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 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	PREDICTED MOTION VECTORS	
SIGNATURE OF INVENTOR AND NAME	 Shyam Jagannathan	
RESIDENCE (CITY AND STATE)	1852 A, 6th A main, D block, 2nd stage Rajajinagar, Bangalore 560010, Karnataka, India	
DATE DECLARATION SIGNED	Aug -17-2012	
TITLE OF INVENTION	PREDICTED MOTION VECTORS	
SIGNATURE OF INVENTOR AND NAME	 Naveen Srinivasamurthy	
RESIDENCE (CITY AND STATE)	4112 Sobha Daffodil, 24th Main, Somasundrapalya, H.S.R. Layout Sector II, Bangalore 560102, Karnataka, India	
DATE DECLARATION SIGNED	Aug 17 2012	

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