

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-71705**

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)First Inventor, Mohamed Farouk MANSOUR,
October 15, 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
☐ Joint Research Agreement
☐ Government Interest Assignment
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☐ 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)

13/666,658

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: _____

Street Address: 12500 TI Boulevard - M/S 3999City: DallasState: Texas Zip: 75243Phone Number: 214-479-1156Fax Number: (214) 479-1273Email 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 InformationDeposit Account Number 20-0668Authorized User Name Steven Shaw**9. Signature:** /David M. Wilson/

Signature

November 1, 2012

Date

David M. Wilson

Name of Person Signing

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

2Documents 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 13666658

Attorney Docket No.
TI-71705

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 invention disclosed in said application, 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 invention disclosed in said application 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 the invention disclosed in said application, 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.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE OF INVENTION	APPARATUS AND METHOD FOR SELECTING ACCESS POINTS FOR USE IN POSITIONING
SIGNATURE OF INVENTOR AND NAME	<i>Mohamed Monsour</i> Mohamed Farouk MONSOUR
RESIDENCE (CITY AND STATE)	1107 Morningstar Trail, Richardson, TX 75081
DATE DECLARATION SIGNED	10 / 15 / 2012

After recording, return Assignment to:

Texas Instruments Incorporated
12500 TI Boulevard - M/S 3999
Dallas, Texas 75243