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PATENTS ONLY

TI-64202

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)

1. Eko N. Onggosanusi
2. Anand G. Dabak
- 3.
- 4.

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

3. Nature of conveyance/Execution Date(s)

Execution Date(s)

2/25/2008;2/25/2008

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424 Confirmatory License  
☐ Other \_\_\_\_\_

2. Name and address of receiving party(ies)

(1) Name Texas Instruments Inc.

Street Address: P.O. Box 655474; MS 3999

City: Dallas State: TX

Country: USA Zip: 75265

(2) Name \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional name(s) and Address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s) 12/036,262 - Filed  
02/24/2008

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

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

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

Name: Ron Neerings

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

Company: Texas Instruments Inc.

Address: P.O. Box 655474; MS 3999

City: Dallas

State TX Zip: 75265

Phone Number (972) 917-5299

Fax Number (972) 917-4418

Email Address r-neerings@ti.com

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

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_

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

b. Deposit Account Number: 20-0668

Authorized User Name: Ron Neerings

9. Signature

Signature

3/6/2008

Date

David H. Hitt

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

700363083

PATENT  
REEL: 020620 FRAME: 0014

CH \$40.00 200668 12036262

Serial No. 12/036,262

Attorney Docket No.  
TI-64202**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.

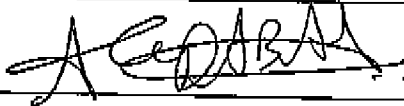
I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute 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	SECONDARY SYNCHRONIZATION CHANNEL DESIGN FOR OFDMA SYSTEMS
SIGNATURE OF INVENTOR AND NAME	 Eko N. Onggosanusi
RESIDENCE (CITY AND STATE)	1430 McClure Drive Allen, TX 75013
DATE SIGNED	02/25/2008

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TITLE OF INVENTION	SECONDARY SYNCHRONIZATION CHANNEL DESIGN FOR OFDMA SYSTEMS
SIGNATURE OF INVENTOR AND NAME	 Anand G. Dabak
RESIDENCE (CITY AND STATE)	8625 Kendall Drive Plano, TX 75025
DATE SIGNED	02/25/2008

After recording, return Assignment to:

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

571-273-0140

12/036,262  
TI-64202

PTO/SB/97 (09-06)

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**PATENT****RECORDED: 03/06/2008****REEL: 020620 FRAME: 0017**