

03-11-2004

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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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

1. Name of conveying party(ies): 3.3-04
1. Nasir AHMED
2. Eko N. Onggosanusi
3. Anand G. DABAK
4. Timothy M. SCHMIDL
Additional name(s) of conveying party(ies) attached? [] Yes [x] No

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: TX Zip: 75265
Additional name(s) & address(es) attached? [] Yes [x] No

22141 U.S. PTO 10792569

3. Nature of conveyance:
[x] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other
1. 02/25/04
2. 03/02/04
3. 02/26/04
4. 02/26/04
Execution Date:

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:
A. Patent Application No.(s)
B. Patent No.(s)
Additional numbers attached? [] Yes [x] No

10792569

1. 02/25/04
2. 03/02/04
3. 02/26/04
4. 02/26/04

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Ron Neerings
Internal Address: Texas Instruments, Incorporated
Street Address: P.O. Box 655474, MS 3999
City: Dallas State: TX Zip: 75265

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41).....\$ 40.00
[] Enclosed
[x] Authorized to be charged to deposit account

8. Deposit account number:
20-0668

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9. Signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Jonathan M. Harris, Reg. No. 44,144
Name of Person Signing Signature Date March 3, 2004

Handwritten signature of Jonathan M. Harris

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

03/10/2004 6TOM11 00000130 200668 10792569

01 FC:8021 40.00 DA

ATTORNEY DOCKET NO.
TI-37041 (1962-10400)

PAGE 1 OF 2

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 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 Asst 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	GROUP BASED PACKET SCHEDULING ALGORITHM		
SIGNATURE OF INVENTOR AND NAME	<i>Nasir Ahmed</i> Nasir Ahmed	(2) _____ Eko N. Onggosanusi	(3) _____ Angnd G. Dabak
DATE	Feb. 25 / 2004		
RESIDENCE (City, County, State)	7490 Brompton Street, #272 Houston, Harris Texas 77025	1430 McClure Drive Allen, Collin TX 75013	8625 Kendall Drive Plano, Collin TX 75025
DATE APPLICATION EXECUTED			

After recordation, please return Assignment to:

Ron Neerings
Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265

ATTORNEY DOCKET NO.

ATTORNEY DOCKET NO.
TI-37041 (1962-10400)

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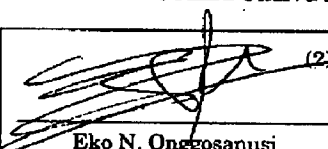
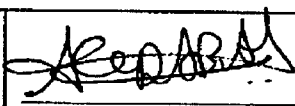
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at P.O. Box 655474, MS 3999, Dallas, Texas 75265, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

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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	GROUP BASED PACKET SCHEDULING ALGORITHM		
SIGNATURE OF INVENTOR AND NAME	(1) Nasir Ahmed	(2)  Eko N. Onggosanusi	(3)  Anand G. Dabak
DATE		03/02/2004	02/26/2004
RESIDENCE (City, County, State)	7490 Brompton Street, #272 Houston, Harris Texas 77025	1430 McClure Drive Allen, Collin TX 75013	8625 Kendall Drive Plano, Collin TX 75025
DATE APPLICATION EXECUTED		03/02/2004	02/26/2004

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Ron Neerings
Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265

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TI-37041 (1962-10400)

PAGE 2 OF 2

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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

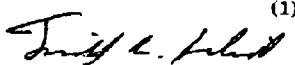
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IN WITNESS WHEREOF, I hereunto set my hand and seal this day and year;

TITLE OF INVENTION	GROUP BASED PACKET SCHEDULING ALGORITHM		
SIGNATURE OF INVENTOR AND NAME	(1)  Timothy M. Schmidl	(2)	(3)
DATE	Feb 26, 2004		
RESIDENCE (City, County, State)	8610 Southwestern Boulevard, #2105 Dallas, Dallas Texas 75206		
DATE APPLICATION EXECUTED	Feb 26, 2004		

After recordation, please return Assignment to:

Ron Neerings
Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265

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