

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the 4th inv not included in original list of signing inv's in original submission. Add 4th inv: Travis M. Scheckel, 07/05/2006. previously recorded on Reel 018005 Frame 0173. Assignor(s) hereby confirms the Page 2 of Asgn pdf file shows 4th inventor's signature.

CONVEYING PARTY DATA

Name	Execution Date
Travis M Scheckel	07/05/2006

RECEIVING PARTY DATA

Name:	Texas Instruments Incorporated
Street Address:	7839 Churchill Way
City:	Dallas
State/Country:	TEXAS
Postal Code:	75251

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11383330

CORRESPONDENCE DATA

Fax Number: (972)917-4418
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 9729175290
 Email: r-barnum@ti.com
 Correspondent Name: Robert D. Marshall, Jr.
 Address Line 1: 7839 Churchill Way
 Address Line 4: Dallas, TEXAS 75251

ATTORNEY DOCKET NUMBER:	TI-39785
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NAME OF SUBMITTER:	Robert D. Marshall, Jr.
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Total Attachments: 6
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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 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 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	Rapid I/O Traffic System		
SIGNATURE OF INVENTOR AND NAME	(1) <i>Andre Szczepanek</i>	(2) <i>Martin Yu Li</i> Martin Yu Li	(3) <i>Steven P. Marshall</i> Steven P. Marshall
DATE		6-29-06	6-29-06
RESIDENCE (City, State)	2 The Folly, Folly Lane Hartwell, Northamptonshire NN72HT UK	4203 Custer Creek Dr. Missouri City, TX 77459 US	1251 Ripple Creek Dr. Houston, TX 77057 US
DATE APPLICATION EXECUTED		6-29-06	6-29-06

After recordation, please return Assignment to:

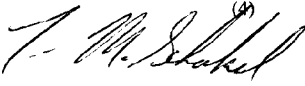
Robert D. Marshall, Jr.
Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265

ATTORNEY DOCKET NO.

TI-39785

PAGE 2 of 2

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

TITLE OF INVENTION	Rapid I/O Traffic System		
SIGNATURE OF INVENTOR AND NAME	 Travis M. Scheckel	(5) n/a	(6) n/a
DATE	7/5/06		
RESIDENCE (City, State)	1505 Vinecrest Lane Allen, TX 75002 US		
DATE APPLICATION EXECUTED			

After recordation, please return Assignment to:

Robert D. Marshall, Jr.
Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265

ASSIGNMENT

WHEREAS, **TEXAS INSTRUMENTS LIMITED**, (hereinafter **TIL**), a British company of 800 Pavilion Drive, Mail Station 13, Northampton Business Park, Northampton NN4 7YL, United Kingdom and, by operation of English Law, the beneficial owners of all right, title and interest in an invention for which it has filed application in its own name for letters patent in the United Kingdom as 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 7839 Churchill Way, Mail Station 3999, Dallas, Texas 75251, USA, is desirous of acquiring the entire right, title and interest in and to the said invention outside of the United Kingdom, and in and to patent applications filed outside the United Kingdom and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, by this Assignment, as of date executed, **TIL** sells and assigns to the said **TEXAS INSTRUMENTS INCORPORATED**, its successors and assigns, the entire right, title and interest in and to the said invention in the U.S.A. and in all other countries outside the United Kingdom and in and to the U.S. patent application identified below and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and the right to file applications and obtain patents in any other country or group of countries, and to claim priority under the terms of the International Convention for the Protection of Industrial Property or any other relevant convention;

TIL hereby authorizes and requests the Commissioner of Patents to issue all U.S. patents for said invention, or patents resulting therefrom, insofar as our interest is concerned to the said **TEXAS INSTRUMENTS INCORPORATED**, as assignee of the entire right, title and interest. **TIL** further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect patent rights, and generally to 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 other than the United Kingdom.

Title of Invention: Rapid I/O Traffic System

Inventor: Andre Szczepanek, Martin Yu Li, Steven P. Marshall, Travis M. Scheckel

U.K. Patent Application No. _ Filed:

U.S. Application Serial No. 60/680,592 (TI-39778PS) filed May 13, 2005; 60/681,427 (TI-60551PS) filed May 16, 2005.

U.S. Application Serial No. 11/383,330 Filed: May 15, 2006

IN WITNESS WHEREOF this Assignment has been executed as set forth below:

Executed for and on behalf of **TEXAS INSTRUMENTS LIMITED**

By: _____

Name: _____

Title: _____


Date: _____

ACKNOWLEDGMENT

I, Andre Szczepanek, inventor of certain new and useful improvements in the above entitled invention for which application for United States Letters Patent has been made, acknowledge that I am a employee of TEXAS INSTRUMENTS LIMITED, that my invention was made in the course of my normal or specifically assigned duties as an employee of TEXAS INSTRUMENTS LIMITED and that my invention and all rights in it belong to TEXAS INSTRUMENTS LIMITED by virtue of Section 39 of the Patents Act 1977.

I hereby further agree that I will communicate to TEXAS INSTRUMENTS LIMITED or to its successors, assigns and legal representatives, any facts known to me respecting said invention, and at the expense of TEXAS INSTRUMENTS LIMITED, to 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 LIMITED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, the or each said inventor has hereto set his hand and seal:



Andre Szczepanek Date

3rd July 2006

ASSIGNMENT

WHEREAS, **TEXAS INSTRUMENTS LIMITED**, (hereinafter **TIL**), a British company of 800 Pavilion Drive, Mail Station 13, Northampton Business Park, Northampton NN4 7YL, United Kingdom and, by operation of English Law, the beneficial owners of all right, title and interest in an invention for which it has filed application in its own name for letters patent in the United Kingdom as 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 7839 Churchill Way, Mail Station 3999, Dallas, Texas 75251, USA, is desirous of acquiring the entire right, title and interest in and to the said invention outside of the United Kingdom, and in and to patent applications filed outside the United Kingdom and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, by this Assignment, as of date executed, **TIL** sells and assigns to the said **TEXAS INSTRUMENTS INCORPORATED**, its successors and assigns, the entire right, title and interest in and to the said invention in the U.S.A. and in all other countries outside the United Kingdom and in and to the U.S. patent application identified below and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and the right to file applications and obtain patents in any other country or group of countries, and to claim priority under the terms of the International Convention for the Protection of Industrial Property or any other relevant convention;

TIL hereby authorizes and requests the Commissioner of Patents to issue all U.S. patents for said invention, or patents resulting therefrom, insofar as our interest is concerned to the said **TEXAS INSTRUMENTS INCORPORATED**, as assignee of the entire right, title and interest. **TIL** further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect patent rights, and generally to 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 other than the United Kingdom.

Title of Invention: Rapid I/O Traffic System

Inventor: Andre Szczepanek, Martin Yu Li, Steven P. Marshall, Travis M. Scheckel

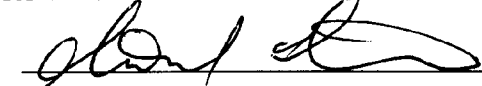
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IN WITNESS WHEREOF this Assignment has been executed as set forth below:

Executed for and on behalf of **TEXAS INSTRUMENTS LIMITED**

By: 

Name: _____

Title: _____

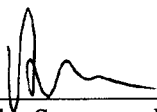
Date: 7/14/06

ACKNOWLEDGMENT

I, Andre Szczepanek, inventor of certain new and useful improvements in the above entitled invention for which application for United States Letters Patent has been made, acknowledge that I am a employee of TEXAS INSTRUMENTS LIMITED, that my invention was made in the course of my normal or specifically assigned duties as an employee of TEXAS INSTRUMENTS LIMITED and that my invention and all rights in it belong to TEXAS INSTRUMENTS LIMITED by virtue of Section 39 of the Patents Act 1977.

I hereby further agree that I will communicate to TEXAS INSTRUMENTS LIMITED or to its successors, assigns and legal representatives, any facts known to me respecting said invention, and at the expense of TEXAS INSTRUMENTS LIMITED, to 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 LIMITED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, the or each said inventor has hereto set his hand and seal:



Andre Szczepanek

7/14/06

Date