PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT2714633 Stylesheet Version v1.2 SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT CONVEYING PARTY DATA Name Execution Date KAI CHIRCA 01/28/2014 MATTHEW D. PIERSON 01/28/2014 **RECEIVING PARTY DATA** TEXAS INSTRUMENTS INCORPORATED Name: Street Address: PO BOX 655474, M/S 3999 City: DALLAS State/Country: TEXAS 75265 Postal Code: **PROPERTY NUMBERS Total: 1** Property Type Number Application Number: 14061508 CORRESPONDENCE DATA Fax Number: (214)479-1273 Phone: 2144791223 Email: uspto@ti.com Correspondence will be sent via US Mail when the email attempt is unsuccessful. Correspondent Name: TEXAS INSTRUMENTS INCORPORATED PO BOX 655474, M/S 3999 Address Line 1: DALLAS, TEXAS 75265 Address Line 4: ATTORNEY DOCKET NUMBER: TI-73158 NAME OF SUBMITTER: ROBERT D. MARSHALL, JR. Signature: /Robert D. Marshall, Jr./ Date: 02/05/2014 Total Attachments: 2

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Application No. 14/061,508

Docket No. TI-73158

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.

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 12500 TI Boulevard M/S 3999, Dallas, Texas 75243, 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, as well as to U.S. Provisional Application No(s), 61/717,852 filed October 24, 2012.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign unto the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in and to the said application(s) and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof, and I hereby authorize and request the Patent and Trademark Office to issue all patents for said invention, or patents resulting therefrom, 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 corresponding rights to the invention disclosed in said application in all other countries of the world, including the right to claim priority, file applications and obtain patents under the terms of the Paris Convention for the Protection of Industrial Property, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such 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.

I authorize the later insertion of the nonprovisional application number and filing date hereinbelow.

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

TITLE	DISTRIBUTED DATA RETURN BUFFER FOR COHERENCE SYSTEM WITH SPECULATIVE ADDRESS SUPPORT		
NONPROVISIONAL APPLICATION NO.	14/061,508	FILING DATE	10/23/2013

SIGNATURE OF INVENTOR	xxx
PRINTED NAME OF INVENTOR	Kai Chirca
DATE	xxx 1/28/2014
RESIDENCE (CITY AND STATE)	Dallas, Texas

PATENT REEL: 032148 FRAME: 0435

	WITH SPECULATIVE ADDRESS SUPPORT			
NONPROVISIONAL APPLICATION NO.	14/061,508	FILING DATE	10/23/2013	

SIGNATURE OF INVENTOR	XXX
PRINTED NAME OF INVENTOR	Matthew D. Pierson
DATE	xxx 1/2# 12014
RESIDENCE (CITY AND STATE)	Murphy, Texas

After recording, return Assignment to:

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