2:4/08

PATENTS ONLY

02-06-2008



OPR/FINANCE

1. Name of party or parties c interest:	103480221	ess of party or parties est:
Kee Chee Tiew Brett Smith Abidur Rahman	Name:	Texas Instruments Incorporated a Delaware corporation 7839 Churchill Way, MS 3999 Dallas, Texas 75251, P.O. Box 655474, MS 3999 Dallas, Texas 75265
3. Description of the interest conveyed	: Other:	
X Assignment Merger Change of Name Security Agreement Execution Date: January 28, 2008		
4. Application number(s) or patent num Additional sheet attached? YES NO_X		cument is being filed together with a lication, the execution date of the on is:
A. Patent Application no.(s): 12/021,93 January 29, 2008	B. Pater	nt no.(s):
5. Name and address of party to whom correspondence concerning this cover s should be mailed:		per of applications and/or patents d on this cover sheet: 1
Name: William Kempler Reg. No. 28,228	7. Amou	unt of fee authorized to be charged: \$40.00
TEXAS INSTRUMENTS INCORPOR USPTO Customer Number 23494	or any o	ndditional required fee may be charged, verpayment credited to our deposit 20-0668

9. To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document.

Date: JAN 31, 2008

Simon G. Booth 48.88 14

Registration No. 58,582

Total number of pages including cover sheet, attachments, and document: $\underline{4}$

Attorney Docket No. TI-64609

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	METHODS AND APPARATUS TO REDUCE PROPAGATION DELAY OF CIRCUITS	
SIGNATURE OF INVENTOR AND NAME	Kee Chee Tiew Tin Kun Chu.	
RESIDENCE (CITY AND STATE)	Richardson, TX	
DATE DECLARATION SIGNED	1/28/2008	

PATENT

REEL: 020476 FRAME: 0088

TITLE OF INVENTION	METHODS AND APPARATUS TO REDUCE PROPAGATION DELAY OF CIRCUITS
SIGNATURE OF INVENTOR AND NAME	Brett Smith
RESIDENCE (CITY AND STATE)	McKinney, TX
DATE DECLARATION SIGNED	1/28/08

PATENT

REEL: 020476 FRAME: 0089

TITLE OF INVENTION	METHODS AND APPARATUS TO REDUCE PROPAGATION DELAY OF CIRCUITS
SIGNATURE OF INVENTOR AND NAME	Abidur Rahman
RESIDENCE (CITY AND STATE)	Allen, TX
DATE DECLARATION SIGNED	01/28/08

After recording, return Assignment to:

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

PATENT

REEL: 020476 FRAME: 0090