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1. Name of conveying party(ies)	nents or the new address(es) below.  2. Name and address of receiving party(ies)
Eric Gregory Oettinger	Name: Texas Instruments Incorporated
James Eugene Noxon	
	Internal Address:
Additional resure (a) of convenience and (fee) attached?	
	Street Address: B. O. Day 055474
Nature of conveyance/Execution Date(s):     Execution Date(s) <u>August 17, 2005</u>	Street Address: P. O. Box 655474
X Assignment Merger	M/S 3999
Security Agreement Change of Name	City: Dallas
Joint Research Agreement	
Government Interest Assignment	State: TX
Executive Order 9424, Confirmatory License	Country: US Zip: 75265
Other	Additional name(s) & address(es) attached? Yes
H 44 44 44	B. Patent No.(s)
A. Patent Application No.(s)  5 6T0H11 00000042 200668 11205456  40.00 DA Additional number  5. Name and address to whom correspondence	s attached? Yes X No  6. Total number of applications and patents
A. Patent Application No.(s)  05 6T0H11 00000042 200668 11205456  21 40.00 DA Additional number	s attached? Yes X No
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A. Patent Application No.(s)  5 6T0H11 0000042 200668 11205456  1 40.00 M Additional number  5. Name and address to whom correspondence concerning document should be mailed:  Name: Bill Kempler	6. Total number of applications and patents involved: 1
A. Patent Application No.(s)  5 670N11 00000042 200668 11205456  1 40.00 M Additional number  5. Name and address to whom correspondence concerning document should be mailed:  Name: Bill Kempler  Texas Instruments Incorporated	6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card
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A. Patent Application No.(s)  5 6T0H11 0000042 200668 11205456  1 40.00 DA Additional number  5. Name and address to whom correspondence concerning document should be mailed:  Name: Bill Kempler  Texas Instruments Incorporated  Internal Address:  Street Address: Customer Number 23494  City:  State: Zip:  Phone Number: 972-917-5440	6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting as Payment Information)  a. Credit Card Last 4 Numbers  Expiration Date  b. Deposit Account Number 20-0668
A. Patent Application No.(s)  5 670H11 0000042 200668 11205456  21 40.00 M Additional number  5. Name and address to whom correspondence concerning document should be mailed:  Name: Bill Kempler  Texas Instruments Incorporated Internal Address:  Street Address: Customer Number 23494  City:  State: Zip:  Phone Number: 972-917-5440  Fax Number: 972-917-4418	6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting at the content of the charged to deposit account of the charged
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Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT

**REEL: 016907 FRAME: 0338** 

Attorney Docket No. TI-39321

## 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 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	A Method For Aligning Consecutive Scan Lines On Bi-Directional Scans Of A Resonant Mirror			
SIGNATURE OF INVENTOR AND NAME	(1) Eric Gregory Oettinger	(2) James Eugene Noxon	(3)	
DATE	8/17/05	8/17/05		
RESIDENCE (CITY AND STATE)	Rochester, MN	Rochester, MN		
DATE APPLICATION EXECUTED	08-17-2005	08-17-2005		

After recording, return Assignment to:

RECORDED: 08/17/2005

Bill Kempler Texas Instruments Incorporated P.O. Box 655474, M/S 3999 Dallas, TX 75265

> PATENT REEL: 016907 FRAME: 0339