(Rev. 03/01)  OMB No. 0651-0027 (exp. 5/31/2002)  Tab settings ⇔ ⇔ ▼ 1 0	U.S. Patent and Tradema
	emarks: Please record the attached original documents or copy thereof
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Additional name(s) of conveying party(ies) attached? Yes	No
3. Nature of conveyance:  Assignment Merger  Security Agreement Change of No.	
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If this document is being filed together with a new	w application, the execution date of the application is: $9/5$
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<ol> <li>Name and address of party to whom correspond concerning document should be mailed: Name: W. Daniel Swayze, Jr.</li> </ol>	6. Total number of applications and patents involved.  7. Total fee (37 CFR 3.41)
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City: Dallas State: TX Zip: 75265	
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9. Signature.	
	September 20,
Christopher P. Harris	
Name of Person Signing	Signature Date ding cover sheet, attachments, and documents:

PATENT REEL: 013317 FRAME: 0706 Assignment

Attorney Docket No. TI-33985

## 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 therefore, 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;

RECORDED: 09/20/2002

BROADBAND SAMPLE AND HOLD CIRCUIT	
TITLE	
OF	
INVENTION	
SIGNATURE	10
OF	Kengung
INVENTOR	
AND NAME	Krishnasawamy Nagaraj
DATE	5 th September 2002
RESIDENCE	
(CITY AND STATE)	Hillsborough, NJ
DATE	
APPLICATION	5th September 2002
EXECUTED	

PATENT REEL: 013317 FRAME: 0707