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FORM PTO-1595 MAD RECC	J.S. Department of Con Patent and Trademark
	1076188
To the Honorable Commissioner of Patents and Trademarks. Please	_
Name of conveying party(ies):	Name and Address of receiving party(ies):
Cecil J. Aswell	Name: Texas Instruments Incorporated
Eugene G. Dierschke John Hull Berlien, Jr.	Address: P. O. Box 655474, M.S. 3999
,	City: Dallas
	State: Texas Zip: 75265
Additional name(a) & address(as)	Additional name(s) & address(es)
Additional name(s) & address(es) attached? Yes No	attached? Yes No
3. Nature of Conveyance:	
_X Assignment Merger	
Security Agreement Change of Name	
Other	
Execution Date: 6/19/98; 6/22/98; 6/30/98	
A. Patent Application No.(s)	execution date of the application is: 6/19/98; 6/22/98; 6/30/98 B. Patent No.(s)
A. Patent Application No.(s)	B. Patent No.(s)
A. Patent Application No.(s) Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning	B. Patent No.(s) Additional numbers attached? Yes No
A. Patent Application No.(s) Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Christopher L. Maginniss Address: Texas Instruments Incorporated	B. Patent No.(s) Additional numbers attached? Yes No
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A. Patent Application No.(s) Additional numbers attached?Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Christopher L. Maginniss Address: Texas Instruments Incorporated P. O. Box 655474, M.S. 3999 City: Dallas State: Texas Zip: 75265 PD DHGUYEN 00000085 200668 09333849 DO NOT US	B. Patent No.(s) Additional numbers attached? Yes No 6. Number of applications and patents involved: 7. Amount of fee enclosed or authorized to be charged: \$\frac{3}{2}\$ 8. Deposit account number: 20-0668
A. Patent Application No.(s) Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Christopher L. Maginniss Address: Texas Instruments Incorporated P. O. Box 655474, M.S. 3999 City: Dallas State: Texas Zip: 75265 P DIREUYEN 00000085 200668 09333849 9. Statement and signature.	Additional numbers attached? Yes No 6. Number of applications and patents involved: 7. Amount of fee enclosed or authorized to be charged: \$ 8. Deposit account number: 20-0668 SE THIS SPACE
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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 place of business at 13500 North Central Expressway, 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 and 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;

PATENT REEL: 010044 FRAME: 0947

Title of Invention: Charge-Coupled Amplifier and Converter with Matched Offsets;		
Inventor: Cecil J. Aswell Date: 6/27/98 Signature: 10 / July Date Application Executed: 6/27/98		
Date Application Executed: 6/22/98		
Residence and Mailing Address: 8519 Briarbrook Circle, Organgevale, CA 95662 Citizenship: U.S.		
Inventor: Eugene G. Dierschke		
Date: Signature:		
Date Application Executed:		
Residence and Mailing Address: 6709 Leameadow Drive, Dallas, TX 75248 Citizenship: U.S.		
Inventor: John Hull Berlien Jr.		
Date: Signature:		
Date Application Executed:		
Residence and Mailing Address: 805 Wynnpage Lane, Plano, TX 75075 Citizenship: U.S.		

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PATENT REEL: 010044 FRAME: 0948

Title of Invention: Charge-Coupled Amplifier and Converter with Matched Offsets;		
Inventor: Cecil J. Aswell Date: Signature:		
Date Application Executed:		
Inventor: Eugene G. Dierschke Date: 06-19-98 Date Application Executed: 06-19-98		
Date Application Executed: 06-19-98 Residence and Mailing Address: 6709 Learneadow Drive, Dallas, TX 75248 Citizenship: U.S.		
Inventor: John Hull Berlien Jr. Date: Signature:		
Date Application Executed: Ct. Ct. Citizenship: U.S. Residence and Mailing Address: 805 Wynnpage Lane, Plano, TX 75075 Citizenship: U.S.		

RECORDED: 06/15/1999

PATENT 'REEL: 010044 FRAME: 0949