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To the Avi Commissioner for Fasem. Plase record the atteched original documents or copy threed. 1 Name of conveying party(ics): Taylor R. Eland 9.0 Band Styles: David A. Grant 9.0 Band Styles: Ramanathan Ramani 9.0 Band Styles: David D. Briggs Chin-Yu Tsal 3. Nature of Conveyance:	FO	RM PTO-1595	RECORDATION FO	RM COVER SHEET	U.S. Department of Commerce	
1. Nume of conveying surprise): P. (16 - 0.2) 2. Name and Address of receiving party (ref): P. (16 - 0.2) David A. Grant P. (16 - 0.2) David D. Briggs (16 - 0.2) Chin-Yu Tsai P. (16 - 0.2) 3. Naure of Conveyance:	Doc	ket Number: TI-34437	Patents Only		Patent and Trademark Office	
Taylor R. Efland 9.166-02 Name: P. Box 655474 MS.3990 Daie Sketton Dails, IX 73265 Daie Sketton Dails, IX 73265 Dair Sketton Chin-Yu Tsai		To the Ass't Commissioner for Patents. Please record the attached original documents or copy thereof.				
		Taylor R. Efland David A. Grant Ramanathan Ramani Dale Skelton David D. Briggs	9.16-02	Name:Texas IAddress:P. O. BCity:Dallas,Country:United	nstruments Incorporated ox 655474 M/S 3999 TX 75265 States of America	
	3. 1	Vature of Conveyance:	<u> </u>			
	-	X_Assignment	Merger			
Execution Date: August 30, 2002, September 3, 2002, September 5, 2002 and September 9, 2002 4. Application number(s) or patent number(s).	-	Security Agreement	Change of Name			
4. Application number(s) or patent number(s).	-	Other				
This document is being filed together with a new application. Execution date of the application: Title: IN LINE SELF PROTECTING MULTIPLE OUTPUT POWER IC ARCHITECTURE A. Patent Application No.(s) SN 10/166955 [File: June 11, 2002	1	Execution Date: August 30, 2002, Septem	ber 3, 2002, September 5, 2	002 and September 9, 2002		
Execution date of the application: Title: IN LINE SELF PROTECTING MULTIPLE OUTPUT POWER IC ARCHITECTURE A. Patent Application No.(s) S. N 10166.955 S. N 10166.955 Filed: June 11, 2002 Additional number statched? Yes Additional number statched? Yes Additional number statched? Yes James Brady Texes listuments Incorporated P. O. Box 653474, M/S 3999 Datas: TX 75265 Tet: (972) 917-4371 7. Amount of fee authorized to be charged: \$40. 8. Deposit Account No: 20-0668 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached caps is prime cap: of the original document. September 10, 2002 Date Total Number of Pages Including Cover Sheet, Attachments and Document: 4 09/724/2002 ETOM11 000000145 200666 101669556 101669556 01 FC:581 40, 40 CH	4. 1	application number(s) or patent number(s).			
Title: IN LINE SELF PROTECTING MULTIPLE OUTPUT POWER IC ARCHITECTURE A. Patent Application No.(s) B. Patent No.(s) S.N. 10/166.955 Filed: June 11, 2002 Additional number attached? Yes Yes Non Additional number attached? Yes Yes No Additional number attached? Yes James Brady 6. Number of applications and patents involved: Texas Instruments incorporated P. O. Box 65474, M/S 3999 Datas TX 5265 Tet: (972) 917-4371 7. Amount of fee authorized to be charged: \$40. 8. Deposit Account No: 20-0668 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached cony is grave coay of the original document. September 10, 2002 Robert C. Klinger, Reg. No/34,357 Date Total Number of Pages Including Cover Sheet, Att		This document is being filed together w	ith a new application.			
A. Patent Application No.(s) B. Patent No.(s) S.N. 10/166.956_Filed: June 11, 2002 Additional number attached?YesXNo Additional number attached?YesXNo Additional numbers attached?YesXNo 5. Name and address of party to whom correspondence concerning document should be mailed: Additional number of applications and patents involved:(1) James Brady C. Number of applications and patents involved:(1) (1) James Brady Texts Instaments Incorporated P. O. Box 655474, M/S 3999 Dallas, TX 75265 Tel: (972) 917-4371 7. Amount of fee authorized to be charged: \$40, 8. Deposit Account No: 20-0668 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is arrue casy of the original document.		Execution date of the application:				
SN 10/166,056 Filed: June 11, 2002 B. Fateri No.(5) Additional number attached? YesNo Additional numbers attached?YesNo 5. Name and address of party to whom correspondence concerning decument should be mailed: 6. Number of applications and patents involved:(1) James Brady 6. Number of applications and patents involved:(1) 6. Number of applications and patents involved:(1) James Brady 7. Amount of fee authorized to be charged: \$40. 8. Deposit Account No: 20-0668 DO NOT USE THIS SPACE 9. Statement and signature. 7. Amount of fee authorized to be original document.	Tit	e: IN LINE SELF PROTECTI	NG MULTIPLE OU	TPUT POWER IC A	RCHITECTURE	
5. Name and address of party to whom conespondence concerning document should be mailed: 6. Number of applications and patents involved:(1) James Brady Texas Instruments Incorporated P. O. Box 655474, M/S 3999 Datas, TX 75265 Tel: (972) 917-4371 7. Amount of fee authorized to be charged: \$40. B. Deposit Account No: 20-0668 00 NOT USE THIS SPACE 9. Statement and signature. 7. Amount of fee authorized to be charged: \$40. 8. Deposit Account No: 20-0668 01 for the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is ertrue copy of the original document. September 10, 2002 Date Date Total Number of Pages Including Cover Sheet, Attachments and Document: 4 09/24/2002 6T0H11 00000145 200668 01 FC:581 40.00 CH	A.	S.N 10/166,956 Filed: June 11, 200	2	B. Patent No.(s)		
document should be mailed: James Brady Texas Instruments Incorporated P. O. Box 655474, M/S 3999 Dallas, TX 75265 Tel: (972) 917-4371 7. Amount of fee authorized to be charged: \$40. 8. Deposit Account No: 20-0668 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is prime coay of the original document. September 10, 2002 Date Total Number of Pages Including Cover Sheet, Attachments and Document: 4 09/24/2002 6T0H11 00000145 200668 10166956 01 FC:581 40.00 CH				Additional numbers atta	ched? YesXNo	
Texas Instruments Incorporated P. O. Box 655474, M/S 3999 Daltas, TX 75265 Tel: (972) 917-4371 7. Amount of fee authorized to be charged: \$40. 8. Deposit Account No: 20-0668 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and my attached copy is errue conv of the original document. September 10, 2002 Date Total Number of Pages Including Cover Sheet, Attachments and Document: 4 09/224/2002 6T0M11 00000145 200668 101669356 01 FC:581			spondence concerning	6. Number of applications a	nd patents involved:(1)	
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is prime copy of the original document.		DO NOT USE THIS SPACE		8. Deposit Account No: 20)-0668	
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is ertrue copy of the original document.		DONOT USE THIS STATE				
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Date Robert C. Klinger, Reg. No/34,365 Total Number of Pages Including Cover Sheet, Attachments and Document: 4 09/24/2002 6T0H11 00000145 200668 10166956 01 FC:581 40.00 CH			e foregoing information is th	ue and correct and any attack	ned copy is group of the original	
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PATENT REEL: 013310 FRAME: 0824

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, TX 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 thereform, 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	IN LINE SELF PROTECTING MULTIPLE OUTPUT POWER IC ARCHITECTURE			
SIGNATURE OF INVENTOR AND NAME	(1) Toput Had		(3) A-Romuneltian	
	Taylor R. Efland	David A. Grant	Ramanathan Ramani	
DATE	8/30/02	9/3/02	4/3/02	
RESIDENCE (City, County, State)				
	Richardson, Texas	Dallas, Texas	Richardson, Texas	

After recording return Assignment to:

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

> PATENT REEL: 013310 FRAME: 0825

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, TX 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, THEREPORE, 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;

TITLE OF INVENTION	IN LINE SELF PROTECTING MULTIPLE OUTPUT POWER IC ARCHITECTURE			
SIGNATURE	(4)	(5)	(6)	
OF INVENTOR AND NAME	Dal Mitor	Carel D. Asjo		
}	Dale Skelton	David D. Briggs	Chin-Yu Tsai	
DATE	9-3-02	9-5-02		
RESIDENCE			U. K UsinChu Hainn	
(City, County, State)	Plano, Texas	Richardson, Texas	Hu-Kou, HsinChu Hsien, Taiwan 303, R.O.C.	

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

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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

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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, gubultations, 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, insofur 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.

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

TITLE OF INVENTION	IN LINE SELF PROTECTING MULTIPLE OUTPUT POWER IC ARCHITECTURE				
SIGNATURE OF INVENTOR AND NAME	(4) Dale Skelton	(5) David D. Briggs	(6) Ling Jun Chin-Yu Tsai		
DATE			9/9/02		
RESIDENCE (City, County, State)	Plano, Texas	Richardson, Texas	Hu-Kou, HsinChu Hsien, Taiwan 303, R.O.C.		

After recording return Assignment to:

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

RECORDED: 09/16/2002