06-21-1999

TI-22819	10107143	a siine siit 158:	ΞT	U.S. Department of Com Patent and Trademark
To the Honorable Commissioner of		_	attached	original documents or copy thereof.
Name of conveying party(ies):		2. Name a	and Addres	ss of receiving party(ies):
1) H.T. Wang		Name:	TEXAS	NSTRUMENTS INCORPORATED
2) C.S. Fong		Addres	s: P.O. Bo	x 655474, MS 3999
3) J.S. Hsu		City:	Dallas	
4) C.Y. Tseng		State:	TX	Zip: 75265
		Additional	name(s) &	address(es) attached? Yes _X_ No
3. Nature of Conveyance:				
X Assignment	Merger			
Security Agreement	Change of Name			
Other				
Execution Date: June 17, 1998, J	une 18, 1998, June 15, 1998, Ju	ne 23, 1998		
X This document is being filed toge Execution date of the application: J ON INTEGRATED C	une 17, 1998, June 18, 1998, Ju IRCUIT	ne 15, 1998,	June 23, [,]	1998 Title: EDGE BOND
Execution date of the application: J ON INTEGRATED C	une 17, 1998, June 18, 1998, Ju	ne 15, 1998, B. Patent N	,	1998 Title: EDGE BOND
Execution date of the application: J ON INTEGRATED C Docket No: TI-22819	une 17, 1998, June 18, 1998, Ju IRCUIT }	B. Patent N	√ √o.(s)	1998 Title: EDGE BOND mbers attached? YesX No
Execution date of the application: J ON INTEGRATED C Docket No: TI-22819 A. Patent Application No.(s) S.N.	une 17, 1998, June 18, 1998, June 19, 1998, June 19	B. Patent N	lo.(s) ditional nu	
Execution date of the application: J ON INTEGRATED C Docket No: TI-22819 A. Patent Application No.(s) S.N. Additional numbers attached 5. Name and address of party to who document should be mailed: Name: Jacqueline J. Garner	une 17, 1998, June 18, 1998, June 19, 1998, June 19	B. Patent N	lo.(s) ditional nu	mbers attached? YesX No
Execution date of the application: J ON INTEGRATED C Docket No: TI-22819 A. Patent Application No.(s) S.N. Additional numbers attached 5. Name and address of party to who document should be mailed:	une 17, 1998, June 18, 1998, June 19, 1998, June 19	B. Patent N	lo.(s) ditional nu	mbers attached? YesX No
Execution date of the application: J ON INTEGRATED C Docket No: TI-22819 A. Patent Application No.(s) S.N. Additional numbers attached' 5. Name and address of party to who document should be mailed: Name: Jacqueline J. Garner Texas Instruments Inco Address: P.O. Box 655474, MS 3 City: Dallas	une 17, 1998, June 18, 1998, June 19, 1998, June 19	B. Patent N	lo.(s) ditional nu	mbers attached? YesX No
Execution date of the application: J ON INTEGRATED C Docket No: TI-22819 A. Patent Application No.(s) S.N. Additional numbers attached' 5. Name and address of party to who document should be mailed: Name: Jacqueline J. Garner Texas Instruments Inco Address: P.O. Box 655474, MS 3	une 17, 1998, June 18, 1998, June 19, 1998, June 19	B. Patent N Ad 6. Number	No.(s) ditional nu of applicat	mbers attached? YesX No
Execution date of the application: J ON INTEGRATED C Docket No: TI-22819 A. Patent Application No.(s) S.N. Additional numbers attached' 5. Name and address of party to who document should be mailed: Name: Jacqueline J. Garner Texas Instruments Inco Address: P.O. Box 655474, MS 3 City: Dallas	une 17, 1998, June 18, 1998, June 19, 1998, June 19	B. Patent N Ad 6. Number 7. Amount	No.(s) ditional nu of applicat	mbers attached? YesX No lions and patents involved:(1)
Execution date of the application: J ON INTEGRATED C Docket No: TI-22819 A. Patent Application No.(s) S.N. Additional numbers attached' 5. Name and address of party to who document should be mailed: Name: Jacqueline J. Garner Texas Instruments Inco Address: P.O. Box 655474, MS 3 City: Dallas	une 17, 1998, June 18, 1998, June 19, 1998, June 18, 1998, June 19, 1998, June 19	B. Patent N Ad 6. Number 7. Amount 8. Deposit	ditional nu of applicat of fee end	mbers attached? YesX No ions and patents involved:(1)
Execution date of the application: J ON INTEGRATED C Docket No: TI-22819 A. Patent Application No.(s) S.N. Additional numbers attached' 5. Name and address of party to who document should be mailed: Name: Jacqueline J. Garner Texas Instruments Inco Address: P.O. Box 655474, MS 3 City: Dallas State: TX Zip: 75265	une 17, 1998, June 18, 1998, June 19, 1998, June 19	B. Patent N Ad 6. Number 7. Amount 8. Deposit	ditional nu of applicat of fee end	mbers attached? YesX No lions and patents involved:(1)

ATTORNEY DOCKET NO.					
TI22819					

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 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 issueereon;

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	EDGE BOND PADS ON INTEGRATED CIRCUIT		
SIGNATURE OF INVENTOR AND NAME	M. T. Wang		
DATE	6/17/98		
RESIDENCE (City, County, State)	4F,No. 8 Lane 21,FU-KUEI St. Fsin-Tien, Taipei Hsien, Taiwan, R.O.C		
DATE APPLICATION EXECUTED			

After recording returning Assignment to:

Texas Instruments Incorporated P.O. BOX 655474, M/S 3999 DALLAS, TX 75265

Γ	ATTORNEY DOCKET NO.				
l	TI22819				

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 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 issuecreon;

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	EDGE BOND PADS ON INTEGRATED CIRCUIT		
SIGNATURE OF INVENTOR AND NAME	CS Forts		
DATE	6/18/98		
RESIDENCE (City, County, State)	4FL 54-3 :ame 3. Sec/ 2 Chiong Shun Rd., Chung Ho, Taipei Hsien, Taiwan, R.O.C.		
DATE APPLICATION EXECUTED			

After recording returning Assignment to:

Texas Instruments Incorporated P.O. BOX 655474, M/S 3999 DALLAS, TX 75265

AT	TORNEY DOCKET NO.				
T122819					

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 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 issuecreon;

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	EDGE BO	EDGE BOND PADS ON INTEGRATED CIRCUIT		
SIGNATURE OF INVENTOR AND NAME	J. G. Hsu			
DATE	6/15/98			
RESIDENCE (City, County, State)	4F · No. 5-1, Alley 7, Line 257, Sec 1 Lilung St Taipei, Taiwan, R.O.C.			
DATE APPLICATION EXECUTED				

After recording returning Assignment to:

Texas Instruments Incorporated P.O. BOX 655474, M/S 3999 DALLAS, TX 75265

Γ	ATTORNEY DOCKET NO.
ı	T122819
1	
1	

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 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 issueereon;

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	EDGE BOND PADS ON INTEGRATED CIRCUIT		
SIGNATURE OF INVENTOR AND NAME	C. Y. Tseng		
DATE	6/23/18		
RESIDENCE (City, County, State)	3F, No. 15 Lane 11, Chi Ching St. Shin Tein City, Taipei Hsien, Taiwan R.O.C.		
DATE APPLICATION EXECUTED			

After recording returning Assignment to:

RECORDED: 06/03/1999

Texas Instruments Incorporated P.O. BOX 655474, M/S 3999 DALLAS, TX 75265