PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE	YPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT					
CONVEYING PARTY	/ DATA						
		N	lame		Execution Date	e	
Assaf Sella					02/01/2011		
Leonardo W. Esteve	Z				02/14/2011		
lan Sherlock					02/14/2011		
RECEIVING PARTY	DATA						
Name:	Texas Instrum	nents Ind	corporated				
Street Address:	7839 Churchi						
City:	Dallas	-					
State/Country:	TEXAS						
Postal Code:	75251						
Property	Туре	130140	Numbe	r			
Г <u> </u>			Numbe	r			
[Туре	130148		:r			
[Type	130148		۲ 			
Property Application Number CORRESPONDENC	Type	IL		:Г 			
Property Application Number CORRESPONDENC Fax Number: <i>Correspondence will</i>	E DATA (972)91 ⁻ be sent via US M	7-4418 <i>fail whe</i> r		:r 			
Property Application Number CORRESPONDENC Fax Number: <i>Correspondence will</i> Phone:	E DATA (972)91 ⁻ <i>be sent via US M</i> 972-917	7-4418 fail wher 7-4371	882	<u>۲</u>			
Property Application Number CORRESPONDENC Fax Number: <i>Correspondence will</i> Phone: Email:	E DATA (972)91 ⁻ be sent via US M 972-917 uspto@1	7-4418 <i>fail wher</i> 7-4371 ti.com	882 n the fax attempt is unsuccessful.	:r 			
Property Application Number CORRESPONDENC Fax Number: <i>Correspondence will</i> Phone: Email: Correspondent Name	Type : E DATA (972)91 ⁻ <i>be sent via US M</i> 972-917 uspto@t e: TEXAS	7-4418 <i>fail wher</i> /-4371 ti.com INSTRU	882 In the fax attempt is unsuccessful.	<u>۲</u>			
Property Application Number CORRESPONDENC Fax Number: <i>Correspondence will</i> Phone: Email:	E DATA (972)91 ¹ be sent via US M 972-917 uspto@t e: TEXAS P O BO	7-4418 <i>[ail wher</i> /-4371 ti.com INSTRL X 65547	882 n the fax attempt is unsuccessful.	۲ ۲			
Property Application Number CORRESPONDENC Fax Number: <i>Correspondence will</i> Phone: Email: Correspondent Name Address Line 1:	Type : E DATA (972)91 ⁻ <i>be sent via US M</i> 972-917 uspto@t e: TEXAS P O BO DALLAS	7-4418 <i>[ail wher</i> /-4371 ti.com INSTRL X 65547	882 In the fax attempt is unsuccessful. JMENTS INCORPORATED 74, M/S 3999	:r 			
Property Application Number CORRESPONDENC Fax Number: <i>Correspondence will</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4:	E DATA (972)91 ¹ be sent via US M 972-917 uspto@i e: TEXAS P O BO DALLAS T NUMBER:	7-4418 <i>[ail wher</i> /-4371 ti.com INSTRL X 65547	882 In the fax attempt is unsuccessful. UMENTS INCORPORATED 74, M/S 3999 S 75265	<u>۲</u>			

Attorney Docket No. TI-69048

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.

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, Datas, 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, as well as to U.S. Provisional Application No(s). <u>61/301.269</u>, filed <u>Eebruary 4, 2010</u>

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged. Thereby self and assign unto 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(s) and all patents which may be granted therefor, and all divisions, relissues, substitutions, continuations, and extensions thereof, and I hereby authorize and request the Patent and Trademark Office to issue all patents for said invention, or patents resulting therefrom, 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 corresponding rights to the invention disclosed in said application in all other countries of the world, including the right to claim priority, file applications and obtain patents under the terms of the Paris Convention for the Protection of Industrial Property, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such 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 caths, 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.

I authorize the later insertion of the nonprovisional application number and filing date hereinbelow.

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

TITLE	INTERRELATED WIFI AND USB PROTOCOLS AND OTHER APPLICATION FRAMEWORK PROCESSES, CIRCUITS AND SYSTEMS		
NONPROVISIONAL APPLICATION NO.	13/014,882	FILING DATE	January 27, 2011

SIGNATURE OF INVENTOR	1.3
PRINTED NAME OF INVENTOR	Assaf Sella
DATE	Feb-1-2011
RESIDENCE (CITY AND STATE)	Rishpon, Israel

Assignment From Inventor (US 9/1/09)

Attorney Docket No. TI-69048

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Leonardo W. Estevez
DATE	
RESIDENCE (CITY AND STATE)	Rowlett, Texas
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	lan Sheriock
DATE	
RESIDENCE (CITY AND STATE)	Dallas, Texas

After recording, return Assignment to:

Texas Instruments Incorporated PO Box 655474, M/S 3999 Dallas, TX 75265

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.

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, as well as to U.S. Provisional Application No(s). <u>61/301,269</u>, filed <u>February 4, 2010</u>

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign unto 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(s) and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Patent and Trademark Office to issue all patents for said invention, or patents resulting therefrom, 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 corresponding rights to the invention disclosed in said application in all other countries of the world, including the right to claim priority, file applications and obtain patents under the terms of the Paris Convention for the Protection of Industrial Property, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such 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.

I authorize the later insertion of the nonprovisional application number and filing date hereinbelow.

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

TITLE	INTERRELATED WIFI AND USB PROTOCOLS AND OTHER APPLICATION FRAMEWORK PROCESSES, CIRCUITS AND SYSTEMS		
NONPROVISIONAL APPLICATION NO.	13/014,882	FILING DATE	January 27, 2011

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Assaf Sella
DATE	
RESIDENCE (CITY AND STATE)	Rishpon, Israel

Assignment From Inventor (US 9/1/09)

Attorney Docket No. TI-69048

SIGNATURE OF INVENTOR	2228
PRINTED NAME OF INVENTOR	Leonardo W. Estevez
DATE	2/14/11
RESIDENCE (CITY AND STATE)	Rowlett, Texas
	A. a. 1
SIGNATURE OF INVENTOR	A. Shulor R
PRINTED NAME OF INVENTOR	lan Sherlock
DATE	.14 th FEB 2011
RESIDENCE (CITY AND STATE)	Dallas, Texas

After recording, return Assignment to:

Texas Instruments Incorporated PO Box 655474, M/S 3999 Dallas, TX 75265