

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Itay Sherman</td><td>11/21/2007</td></tr><tr><td>Avishai P. Shoham</td><td>11/23/2007</td></tr><tr><td>Yaniv Tzoreff</td><td>11/22/2007</td></tr></tbody></table>	Name	Execution Date	Itay Sherman	11/21/2007	Avishai P. Shoham	11/23/2007	Yaniv Tzoreff	11/22/2007	
Name	Execution Date								
Itay Sherman	11/21/2007								
Avishai P. Shoham	11/23/2007								
Yaniv Tzoreff	11/22/2007								
RECEIVING PARTY DATA									
Name:	Texas Instruments Incorporated								
Street Address:	P O BOX 655474								
Internal Address:	M/S 3999								
City:	Dallas								
State/Country:	TEXAS								
Postal Code:	75265-5474								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11944505</td></tr></tbody></table>	Property Type	Number	Application Number:	11944505					
Property Type	Number								
Application Number:	11944505								
CORRESPONDENCE DATA									
Fax Number:	(972)917-4418								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	972-917-5299								
Email:	uspto@ti.com								
Correspondent Name:	TEXAS INSTRUMENTS INCORPORATED								
Address Line 1:	P O BOX 655474, M/S 3999								
Address Line 4:	DALLAS, TEXAS 75265								
ATTORNEY DOCKET NUMBER:	12411.0055								
NAME OF SUBMITTER:	Howard Zaretsky								
Total Attachments: 9 source=assignment#page1.tif									

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**ASSIGNMENT**

WHEREAS, WE,

<u>Inventor Name</u>	<u>Address</u>	<u>Nationality</u>
Itay Sherman	12 Rainess St., Ra'anana 43374 Israel	Israel
Avishai P. Shoham	6 Assaf St., Ramat Gan 52531 Israel	Israel
Yaniv Tzoreff	7 Nachmani St., Tel Aviv 65794 Israel	Israel

hereinafter called 'Assignors', have made certain inventions in

**APPARATUS FOR AND METHOD OF BLUETOOTH  
AND WIRELESS LOCAL AREA NETWORK COEXISTENCE  
USING A SINGLE ANTENNA IN A COLLOCATED DEVICE**

described in U.S. Application Serial No. 11/944,505, filed November 23, 2007 by us, and

WHEREAS,

Texas Instruments Incorporated  
PO Box 655474  
Mail Station 3999  
Dallas TX 75265-5474

a Delaware corporation, hereinafter called 'Assignee', is desirous of securing an undivided One Hundred Percent (100%) of the entire right, title and interest in and to the said inventions, applications and Letters Patent, when granted, and in and to any divisions, continuations, continuations-in-part, improvements, reissues or extensions that may be granted on any of them;

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar (\$1.00) to us in hand paid by the said Assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the Assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto the said Assignee, its successors and assigns, an undivided One Hundred Percent (100%) of the entire right, title and interest throughout the world in and to the said inventions, applications, Letters Patent, when granted, and in and to any divisions, continuations, continuations-in-part, improvements, reissues or extensions that may be made or granted on any of them;

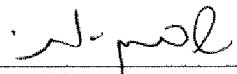
TO HAVE AND TO HOLD the same to the full end of the term or terms for which said Letters Patent may be granted, as fully and completely as the same might be held by us had this sale and assignment not been made.

For the consideration aforesaid, we hereby covenant and agree to and with the said Assignee, its successors and assigns what whenever its counsel or representative, or the counsel or representative

of its successors or assigns, shall advise of, or any other proceeding or action in connection with said application or inventions, including interference proceedings, is lawful and desirable, or that a reissue or continuation, continuation-in-part or extension of said Letters Patent is lawful and desirable, we will sign all lawful papers and drawings, execute all divisional, continuation, reissue and substitute applications, take all rightful oaths and affidavits, testify in any legal proceedings, and do all acts necessary or required to be done for the reissue of continuation, continuation-in-part or extension of same, and will do all acts necessary or required to secure to the said Assignee, its successors and assigns, the title to and full benefit of all rights hereby assigned, without charge to said Assignee or its successors or assigns, but at its or their expense.

AND the Commissioner of Patents and Trademarks is requested to issue the said Letters Patent, when granted, in accordance with this sale and assignment.

For the consideration aforesaid, we have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto the said Assignee, its successors and assigns, or the nominees of any of them, an undivided One Hundred Percent (100%) of the entire right, title and interest in and to any and all Letters Patent for said inventions which may be granted in countries foreign to the United States, and in and to any applications for Letters Patent which may be filed for said inventions in countries foreign to the United States, and in and to the inventions described in said applications; and we hereby authorize and empower said Assignee and its successors, assigns or nominees, to apply for Letters Patent or other form of protection on said inventions in its own name or in the name of its successors, assigns or nominees, in any or all countries where it may desire to file such applications, and where said applications may be filed by other than the inventor; and we hereby covenant and agree to sign all papers and drawings, take all rightful oaths, execute all rightful affidavits, and do all acts necessary or required to be done for the procurement and maintenance of Letters Patent or other form of protection for said inventions in countries foreign to the United States, and for further investing or confirming the right and title thereto in the Assignee, its successor, assigns or nominees, but at its or their expense.

 Sherman Itay  
Itay Sherman

Witnessed By: Uri Ron Date: 21 Nov. 2007

Witnessed By: Tzif Date: 21 Nov 2007

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Avishai P. Shoham

Witnessed By: \_\_\_\_\_ Date: \_\_\_\_\_

Witnessed By: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_  
Yaniv Tzoreff

Witnessed By: \_\_\_\_\_ Date: \_\_\_\_\_

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of its successors or assigns, shall advise of, or any other proceeding or action in connection with said application or inventions, including interference proceedings, is lawful and desirable, or that a reissue or continuation, continuation-in-part or extension of said Letters Patent is lawful and desirable, we will sign all lawful papers and drawings, execute all divisional, continuation, reissue and substitute applications, take all rightful oaths and affidavits, testify in any legal proceedings, and do all acts necessary or required to be done for the reissue of continuation, continuation-in-part or extension of same, and will do all acts necessary or required to secure to the said Assignee, its successors and assigns, the title to and full benefit of all rights hereby assigned, without charge to said Assignee or its successors or assigns, but at its or their expense.

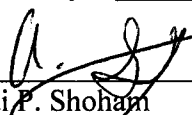
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\_\_\_\_\_  
Itay Sherman

Witnessed By: \_\_\_\_\_ Date: \_\_\_\_\_

Witnessed By: \_\_\_\_\_ Date: \_\_\_\_\_

  
\_\_\_\_\_  
Avishai P. Shoham

Witnessed By: Adi Bittan Date: 23/10/07

Witnessed By: Eyal Bilgrai Date: 23/10/07

\_\_\_\_\_  
Yaniv Tzoreff

Witnessed By: \_\_\_\_\_ Date: \_\_\_\_\_

Witnessed By: \_\_\_\_\_ Date: \_\_\_\_\_



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Itay Sherman


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Avishai P. Shoham

Witnessed By: \_\_\_\_\_ Date: \_\_\_\_\_

Witnessed By: \_\_\_\_\_ Date: \_\_\_\_\_

Yaniv Tzoreff   
Yaniv Tzoreff

Witnessed By: Shlomit Hoise  Date: 22.11.2007

Witnessed By: Erez Shalom  Date: 22.11.2007