

## PATENT ASSIGNMENT

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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>Masato Shima</td> <td>04/14/2009</td> </tr> <tr> <td>Hiroshi Takaoka</td> <td>04/14/2009</td> </tr> </tbody> </table>		Name	Execution Date	Masato Shima	04/14/2009	Hiroshi Takaoka	04/14/2009						
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Texas Instruments Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>P. O. Box 655474</td> </tr> <tr> <td>Internal Address:</td> <td>MS 3999</td> </tr> <tr> <td>City:</td> <td>Dallas</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>75265</td> </tr> </table>		Name:	Texas Instruments Incorporated	Street Address:	P. O. Box 655474	Internal Address:	MS 3999	City:	Dallas	State/Country:	TEXAS	Postal Code:	75265
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: (214)479-1273</p> <p>Phone: 2144791156</p> <p>Email: uspto@ti.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Wade James Brady III</p> <p>Address Line 1: P. O. Box 655474</p> <p>Address Line 2: MS 3999</p> <p>Address Line 4: Dallas, TEXAS 75265</p>													
ATTORNEY DOCKET NUMBER:	TI-65774												
NAME OF SUBMITTER:	Jackie McBride												
<p>Total Attachments: 2</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p>													

CH \$40.00 12422735

TI-65774 - Assignment

Attorney Docket No.  
TI-65774

Application No. 12/422,735

## 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

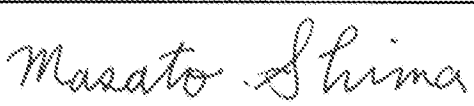
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

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 Paris 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	Low Complexity Event Detection For Video Programs
SIGNATURE OF INVENTOR AND NAME	Masato Shima 
DATE	04/14 / '09
RESIDENCE (CITY AND STATE)	Ibaraki, Japan
DATE APPLICATION EXECUTED	04/14/2009

TITLE OF INVENTION	Low Complexity Event Detection For Video Programs
SIGNATURE OF INVENTOR AND NAME	Hiroshi Takaoka <i>Hiroshi Takaoka</i>
DATE	<i>04/14/09</i>
RESIDENCE (CITY AND STATE)	Ibaraki, Japan
DATE APPLICATION EXECUTED	04/14/2009

After recording, return Assignment to:

Robert D. Marshall, Jr.  
Texas Instruments Incorporated  
PO Box 655474, M/S 3999  
Dallas, TX 75265