

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Steven D Trautmann</td><td>04/13/2006</td></tr><tr><td>Atsuhiko Sakurai</td><td>04/13/2006</td></tr><tr><td>Hironori Kakemizu</td><td>04/13/2006</td></tr></tbody></table>		Name	Execution Date	Steven D Trautmann	04/13/2006	Atsuhiko Sakurai	04/13/2006	Hironori Kakemizu	04/13/2006
Name	Execution Date								
Steven D Trautmann	04/13/2006								
Atsuhiko Sakurai	04/13/2006								
Hironori Kakemizu	04/13/2006								
RECEIVING PARTY DATA									
Name:	Texas Instruments, Incorporated								
Street Address:	7839 Churchill Way								
Internal Address:	MS 3999								
City:	Dallas								
State/Country:	TEXAS								
Postal Code:	75251								
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>11364951</td></tr></tbody></table>		Property Type	Number	Application Number:	11364951				
Property Type	Number								
Application Number:	11364951								
CORRESPONDENCE DATA									
Fax Number:	(972)917-4418								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Email:	s.trotter@ti.com								
Correspondent Name:	Carlton H Hoel								
Address Line 1:	7839 Churchill Way								
Address Line 2:	MS 3999								
Address Line 4:	Dallas, TEXAS 75251								
ATTORNEY DOCKET NUMBER:	TI-61083								
NAME OF SUBMITTER:	Carlton H Hoel								
Total Attachments: 3 source=61083_Assignment#page1.tif									

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PATENT
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Serial No. 11/364,951

Attorney Docket No.
TI-61083

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.

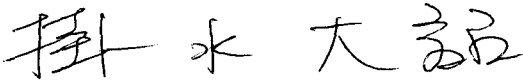
I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for 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	Virtualizer with Cross-Talk Cancellation and Reverb
SIGNATURE OF INVENTOR AND NAME	<i>Steven D. Trautmann</i> Steven D. Trautmann
DATE	<i>April 13, 2006</i>
RESIDENCE (CITY AND STATE)	Tsukuba, Ibaraki, Japan
DATE DECLARATION SIGNED	<i>April 13, 2006</i>

TITLE OF INVENTION	Virtualizer with Cross-Talk Cancellation and Reverb
SIGNATURE OF INVENTOR AND NAME	 Atsuhiko Sakurai
DATE	April 13, 2006
RESIDENCE (CITY AND STATE)	Tsukuba-shi, Ibaraki, Japan
DATE DECLARATION SIGNED	April 13, 2006

TITLE OF INVENTION	Virtualizer with Cross-Talk Cancellation and Reverb
SIGNATURE OF INVENTOR AND NAME	 Hironori Kakemizu
DATE	April 13, 2006
RESIDENCE (CITY AND STATE)	Tsukuba, Ibaraki, Japan
DATE DECLARATION SIGNED	April 13, 2006

After recording, return Assignment to:

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

PATENT

RECORDED: 04/27/2006

REEL: 017539 FRAME: 0551