

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ya-Chi Tsai</td> <td>01/14/2011</td> </tr> <tr> <td>Meng-Han Tsai</td> <td>01/14/2011</td> </tr> <tr> <td>Chih-Chun Yang</td> <td>01/14/2011</td> </tr> <tr> <td>Ji-Da Chen</td> <td>01/14/2011</td> </tr> </tbody> </table>		Name	Execution Date	Ya-Chi Tsai	01/14/2011	Meng-Han Tsai	01/14/2011	Chih-Chun Yang	01/14/2011	Ji-Da Chen	01/14/2011
Name	Execution Date										
Ya-Chi Tsai	01/14/2011										
Meng-Han Tsai	01/14/2011										
Chih-Chun Yang	01/14/2011										
Ji-Da Chen	01/14/2011										
<b>RECEIVING PARTY DATA</b>											
Name:	Industrial Technology Research Institute										
Street Address:	No. 195, Sec. 4, Chung Hsing Rd.										
City:	Chutung, Hsinchu 31040										
State/Country:	TAIWAN										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12979963</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12979963						
Property Type	Number										
Application Number:	12979963										
<b>CORRESPONDENCE DATA</b>											
Fax Number:	(202)408-4400										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	202-408-4000										
Email:	wellsv@finnegan.com										
Correspondent Name:	Richard V. Burgujian										
Address Line 1:	901 New York Avenue., N.W.										
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20001										
ATTORNEY DOCKET NUMBER:	06720.0326										
NAME OF SUBMITTER:	Vanessa J. Wells										
Total Attachments: 2 source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif											

OP \$40.00 12979963

P5799-0055 US

JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 06720.0326-00000

**ASSIGNMENT**

WHEREAS We, the below named inventors (hereinafter referred to as Assignors) have made an invention entitled:

**VIDEO DATA PROCESSING SYSTEMS AND METHODS**

for which We filed an application for United States Letters Patent on December 28, 2010, Application No. 12/979,963; and

WHEREAS, INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, a corporation of TAIWAN whose post office address is No. 195, Sec. 4, Chung Hsing Rd., Chutung, Hsinchu 31040, Taiwan, R. O. C. (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, provisional Application No. 61/393,275, filed October 14, 2010, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application, as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

Name: Ya-Chi TSAI  
Address: No. 195, Sec. 4, Chung Hsing Rd., Chutung,  
Hsinchu 31040, Taiwan, R. O. C.

By: Ya Chi Tsai

Date: Jan 14, 2011

Name: Meng-Han TSAI  
Address: No. 195, Sec. 4, Chung Hsing Rd., Chutung,  
Hsinchu 31040, Taiwan, R. O. C.

By: Meng-Han Tsai  
Date: Jan. 14, 2011

Name: Chih-Chun YANG  
Address: No. 195, Sec. 4, Chung Hsing Rd., Chutung,  
Hsinchu 31040, Taiwan, R. O. C.

By: Chih-Chun Yang  
Date: Jan. 14, 2011

Name: Ji-Da CHEN  
Address: No. 195, Sec. 4, Chung Hsing Rd., Chutung,  
Hsinchu 31040, Taiwan, R. O. C.

By: Ji-Da Chen  
Date: Jan. 14, 2011