

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sheng De Jang</td> <td>11/12/2009</td> </tr> <tr> <td>Hsiu Min Wong</td> <td>11/12/2009</td> </tr> <tr> <td>Zu Jun Liang</td> <td>11/12/2009</td> </tr> <tr> <td>Qing Yang</td> <td>11/12/2009</td> </tr> </tbody> </table>		Name	Execution Date	Sheng De Jang	11/12/2009	Hsiu Min Wong	11/12/2009	Zu Jun Liang	11/12/2009	Qing Yang	11/12/2009		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Huaya Microelectronics</td> </tr> <tr> <td>Street Address:</td> <td>4F, Lenovo Building, No.696, Songtao Rd.</td> </tr> <tr> <td>Internal Address:</td> <td>Pudong New Area</td> </tr> <tr> <td>City:</td> <td>Shanghai</td> </tr> <tr> <td>State/Country:</td> <td>CHINA</td> </tr> <tr> <td>Postal Code:</td> <td>201203</td> </tr> </table>		Name:	Huaya Microelectronics	Street Address:	4F, Lenovo Building, No.696, Songtao Rd.	Internal Address:	Pudong New Area	City:	Shanghai	State/Country:	CHINA	Postal Code:	201203
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (408)378-7770 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 408-378-7777 Email: bwyman@svpatentgroup.com Correspondent Name: Bryan H. Wyman Address Line 1: 18805 Cox Avenue, Suite 220 Address Line 4: Saratoga, CALIFORNIA 95070													
ATTORNEY DOCKET NUMBER:	HYM019 US MDCF												
NAME OF SUBMITTER:	Bryan H Wyman												

OP \$40.00 12352607

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PATENT
REEL: 023596 FRAME: 0745

Total Attachments: 2

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ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I:

Sheng De Jang of 10600 E Estates Drive, Cupertino, California CA 95014;

Hsia Min Wong of Room 602, Building 37, Lane 1880, LongYang Road, Pudong,
Shanghai, CHINA CHINA;

Zu Jun Liang of Room 402, Building 7, Lane 188, FangHua Road, PuDong, Shanghai,
CHINA CHINA;

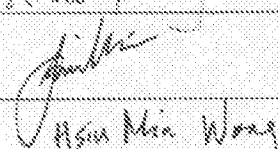
Qing Yang of Building 10, Lane 111, Sunjian Road,
PuDong, Shanghai, CHINA.

hereby sell, assign and transfer to Huaya Microelectronics, a China corporation, having a place of
business at 4F, Lenovo Building, No.696, Songtao Rd., Pudong New Area, Shanghai 201203, CHINA,
its successors and assigns, the entire right, title and interest throughout the world in my invention for
which I have executed a United States patent application entitled

MULTI-DIRECTIONAL COMB FILTERING IN A DIGITAL VIDEO DECODER

having application serial number **12/352,607 (12/352,597)** and filed on **January 12, 2009**, and all
patent applications and patents of every country for said invention, including divisions, reissues,
continuations and extensions thereof, and all rights of priority resulting from the filing of said applications;
I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to
claim all rights of priority without further authorization from me; I agree to execute all papers useful in
connection with said United States and foreign applications, and generally to do everything possible to aid
said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and
enforcing patents for said invention in all countries; and I request that the United States Patent and
Trademark Office issue all patents granted for said invention to the above-named assignee, its successors
and assigns.

First Joint Inventor

Executed this <u>2th</u> day of <u>November</u> 2009.	
 Signature of Sheng De Jang	
Signature of 1 st Witness: <u>Xiao PENG</u>	DATE: <u>2009/11/12</u>
Name of 1 st Witness: <u>Xiao PENG</u>	
Signature of 2 nd Witness: 	DATE: <u>2009/11/12</u>
Name of 2 nd Witness: <u>Hsia Min Wong</u>	

Second Joint Inventor

Executed this 12th day of November 2009.

Signature of Hsin Min Wong
 Signature of 1st Witness: [Signature] DATE: 2009/11/12
 Name of 1st Witness: SHENG DE JANG
 Signature of 2nd Witness: Xiao peng DATE: 2009/11/12
 Name of 2nd Witness: Xiao peng

Third Joint Inventor

Executed this 12th day of November 2009.

Signature of Zu Jun Liang
 Signature of 1st Witness: [Signature] DATE: 2009/11/12
 Name of 1st Witness: SHENG DE JANG
 Signature of 2nd Witness: [Signature] DATE: 2009/11/12
 Name of 2nd Witness: Hsin Min Wong

Fourth Joint Inventor

Executed this 12th day of November 2009.

Signature of Yang Qing
 Signature of 1st Witness: [Signature] DATE: 2009/11/12
 Name of 1st Witness: SHENG DE JANG
 Signature of 2nd Witness: [Signature] DATE: 2009/11/12
 Name of 2nd Witness: Hsin Min Wong