

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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Fong-Ching HUANG</td> <td>03/25/2008</td> </tr> <tr> <td>Chih-Yung SHIH</td> <td>02/14/2008</td> </tr> </tbody> </table>		Name	Execution Date	Fong-Ching HUANG	03/25/2008	Chih-Yung SHIH	02/14/2008
Name	Execution Date						
Fong-Ching HUANG	03/25/2008						
Chih-Yung SHIH	02/14/2008						
RECEIVING PARTY DATA							
Name:	Realtek Semiconductor Corp.						
Street Address:	No. 2, Innovation Rd. II, Science-Based Industrial Park						
City:	Hsinchu						
State/Country:	TAIWAN						
Postal Code:	300						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12107761</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12107761		
Property Type	Number						
Application Number:	12107761						
CORRESPONDENCE DATA							
Fax Number:	(732)653-0271						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	732-708-1170						
Email:	patent@iprworks.com						
Correspondent Name:	IPR WORKS, LLC						
Address Line 1:	P.O. BOX 303						
Address Line 4:	ATLANTIC HIGHLANDS, NEW JERSEY 07716						
ATTORNEY DOCKET NUMBER:	IPRW080021						
NAME OF SUBMITTER:	Shih-Chueh Pan						
Total Attachments: 3 source=Recording_IPRW080021#page1.tif source=Assignment_IPRW080021#page1.tif source=Assignment_IPRW080021#page2.tif							

OP \$40.00 12107761

ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION

Page 1 of 2

WHEREAS, I am the original, first and sole inventor and I own (if only one name is listed below) or an original, first and joint inventor and the joint inventors own (if plural names are listed below) (referred to as "ASSIGNOR" below) the subject matter which is claimed and for which a patent is sought on the invention (referred to as the "INVENTION" below) entitled:

Title: **DIGITALLY SYNCHRONIZED RECEIVING DEVICE AND ASSOCIATED SIGNAL PROCESSING METHOD**

the specification of which (check one):

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | is executed on even date herewith. |
| <input type="checkbox"/> | was filed on (day-month-year) as U.S. Application Number |
| <input type="checkbox"/> | was filed on (day-month-year) as PCT Application Number |
| <input type="checkbox"/> | was executed on the following date(s) (day-month-year) |

WHEREAS, **REALTEK SEMICONDUCTOR CORP.**

having a postal address of **No. 2, Innovation Rd. II, Hsinchu Science Park, Hsinchu, Taiwan, R.O.C.**

(referred to as "ASSIGNEE" below) desires to acquire the entire right, title and interest in and to the same in the U.S.:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

The ASSIGNOR(S) authorize(s) any attorney and agent who has a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION
Page 2 of 2

ASSIGNOR:

Signature: _____

Printed Name: Huang, Fong-Ching

Date: _____

ASSIGNOR:

Signature: *Huang, Fong-Ching*

Printed Name: _____

Date: 2008/3/25

ASSIGNOR:

Signature: *Shih Chih-Yung*

Printed Name: Shih, Chih-Yung

Date: 2008/2/14

ASSIGNOR:

Signature: _____

Printed Name: _____

Date: _____

ASSIGNOR:

Signature: _____

Printed Name: _____

Date: _____

ASSIGNOR:

Signature: _____

Printed Name: _____

Date: _____