

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Bin ZHANG	09/06/2012
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	
Property Type	Number
Application Number:	13607490
CORRESPONDENCE DATA	
Fax Number:	7036217155
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	7036217140
Email:	mailroom@mg-ip.com
Correspondent Name:	Muncy, Geissler, Olds & Lowe, PLLC
Address Line 1:	4000 Legato Rd., Suite 310
Address Line 4:	Fairfax, VIRGINIA 22033
ATTORNEY DOCKET NUMBER:	3722/0946PUS1
NAME OF SUBMITTER:	Joe McKinney Muncy
Total Attachments: 2 source=2012-10-17-Assignment#page1.tif source=2012-10-17-Assignment#page2.tif	

OP \$40.00 13607490

Attorney's Docket No. _____

MUNCY, GEISSLER, OLDS & LOWE, PLLC

**UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS**

ASSIGNMENT

For good and valuable consideration, receipt of which hereby acknowledged,

I/We,

(a) BIN ZHANG

residing at

(a) ROOM 301, BUILDING 17, GOLF GARDEN, JINJIHU ROAD, INDUSTRIAL PARK, SUZHOU
CITY, JIANGSU PROVINCE, CHINA

assign and transfer to: **Realtek Semiconductor Corp.**

a corporation organized under the law of Taiwan and having a place of business at : **No. 2, Innovation Rd. II,
Science-Based Industrial Park, Hsinchu 300, Taiwan, R.O.C.**

its successors and assigns, my entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled: **CALIBRATION DEVICE AND RELATED METHOD FOR PHASE DIFFERENCE BETWEEN DATA AND CLOCK**

including divisions, reissues, continuations and extensions thereof, and all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States application, 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 United States; and I request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Joint Inventor (a)	BIN ZHANG		
Inventor's Signature	<i>Bin Zhang</i>	Date	2012.9.6
Residence	SUZHOU CITY, JIANGSU PROVINCE	Citizenship	CHINA

Joint Inventor (b)			
Inventor's Signature		Date	
Residence		Citizenship	

Joint Inventor (c)			
Inventor's Signature		Date	
Residence		Citizenship	

Joint Inventor (d)			
Inventor's Signature		Date	
Residence		Citizenship	

12P126-US (Applicant's Docket No : 100A-054-US)