



MRD 06-28-06

103268227

thereof.

To the Commissioner of Patents and Trademarks: Please rec

1. Name of conveying party(ies):

**Yi Le YANG**  
**Ming Feng CHOU**

Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and address of receiving party(ies):

Name: Realtek Semiconductor Corp.

Foreign Address: No. 2, Industry E. Road IX, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.

Domestic Address: \_\_\_\_\_

City: \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Additional name(s) & address(es) attached?  Yes  No

112948 U.S. PTO  
11/476219



062806

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: May 30, 2006

4. Application number(s) or patent number(s):  
 If this document is being filed together with a new application, the execution date of the application is: May 30, 2006

A. Patent Application No.(s) \_\_\_\_\_ B. Patent Registration No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: TROXELL LAW OFFICE PLLC

5205 Leesburg Pike

Suite 1404

Falls Church, Virginia 22041-3401

Telephone No.: (703) 575-2711

Facsimile No.: (703) 575-2707

6. Number of applications and patents involved:  
 One (1)

7. Total fee (37 CFR 3.41): . . . . \$40.00

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number 501874

(Attach duplicate copy of this page if paying by deposit account):

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Bruce H. Troxell  June 28, 2006  
 Name of Person Signing Signature Date  
 Registration No. 26,592

**ASSIGNMENT**

WHEREAS, I (we), **1. YANG, Yi Le ; 2. CHOU, Ming Feng**

whose post office address(es) appear below, hereinafter referred to as ASSIGNOR, is (are) the owner(s) of certain new and useful improvements in

**Apparatus And Method For Detecting Vertical Blanking Interval**

(Hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

- executed on even date herewith
- executed on:
- filed on: Serial No.:
- established by PCT International Patent Application No.:

WHEREAS, **Realtek Semiconductor Corp.**

whose post office address is **No. 2, Industry E. Road IX, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.**

hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to the said INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said INVENTION.

ALSO, ASSIGNOR hereby agrees to executed any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE is 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.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent 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 Letters 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.

ASSIGNOR authorizes **TROXELL LAW OFFICE PLLC** to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

<i>Assignor Name</i> <b>YANG, Yi Le</b>	<i>Address</i> <b>8F.-3, No.113, Guanhua 2nd St.,</b>
<i>Where Signed</i> <b>Taiwan (R.O.C.)</b>	<b>Hsinchu City 300, Taiwan (R.O.C.)</b>
<i>Date</i> <b>2006/5/30</b>	<i>Signature</i> <b>Yi Le Yang, Ming Feng Chou</b>
(Notarization preferred but not required)	
Before me personally appeared said _____ And acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 2006.	
<i>Notary Public</i> _____	My Commission Expires: _____

Continued on Next page

**ASSIGNMENT**Page: 2

<i>Assignor Name</i> <b>CHOU, Ming Feng</b>	<i>Address</i> <b>4F.-1, No.15, Lane 384, Jiasing Rd., Jhubei City, Hsinchu County 302, Taiwan (R.O.C.)</b>
<i>Where Signed</i> <b>Taiwan (R.O.C.)</b>	
<i>Date</i> <b>2006/5/30</b>	<i>Signature</i> <b>Yi Le Yang Ming Feng Chou</b>
ss. _____ (Notarization preferred but not required)	
Before me personally appeared said _____ And acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 2006.	
_____ <i>Notary Public</i> My Commission Expires: _____	

<i>Assignor Name</i>	<i>Address</i>
<i>Where Signed</i>	
<i>Date</i>	<i>Signature</i>
ss. _____ (Notarization preferred but not required)	
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<i>Assignor Name</i>	<i>Address</i>
<i>Where Signed</i>	
<i>Date</i>	<i>Signature</i>
ss. _____ (Notarization preferred but not required)	
Before me personally appeared said _____ And acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 2006.	
_____ <i>Notary Public</i> My Commission Expires: _____	