

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3842659

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the RECEIVING PARTY'S ADDRESS previously recorded on Reel 038322 Frame 0947. Assignor(s) hereby confirms the ASSIGNMENT.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KOYING HUANG	04/19/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WINBOND ELECTRONICS CORPORATION
<b>Street Address:</b>	NO. 8, KEYA 1ST RD., DAYA DIST., CENTRAL TAIWAN SCIENCE PARK
<b>City:</b>	TAICHUNG CITY, 428
<b>State/Country:</b>	TAIWAN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15132771
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)234-4718
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	612-246-3850
<b>Email:</b>	David@dhcp.com
<b>Correspondent Name:</b>	DAVID H. CARROLL
<b>Address Line 1:</b>	2100 16TH ST. UNIT 311
<b>Address Line 4:</b>	DENVER, COLORADO 80202
<b>ATTORNEY DOCKET NUMBER:</b>	1770.042.US1N
<b>NAME OF SUBMITTER:</b>	DAVID H. CARROLL
<b>SIGNATURE:</b>	/David H. Carroll, Reg. # 29903/
<b>DATE SIGNED:</b>	04/22/2016
<b>Total Attachments: 5</b>	
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<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KOYING HUANG	04/19/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WINBOND ELECTRONICS CORPORATION
<b>Street Address:</b>	NO. 8, KEYA 1ST RD., DAYA DIST., CENTRAL TAIWAN PARK
<b>City:</b>	TAICHUNG CITY, 428
<b>State/Country:</b>	TAIWAN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15132771
<b>CORRESPONDENCE DATA</b>	
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<b>Email:</b>	David@dhcip.com

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**Correspondent Name:** DAVID H. CARROLL  
**Address Line 1:** 2100 16TH ST. UNIT 311  
**Address Line 4:** DENVER, COLORADO 80202

<b>ATTORNEY DOCKET NUMBER:</b>	1770.042.US1N
<b>NAME OF SUBMITTER:</b>	DAVID H. CARROLL
<b>Signature:</b>	/David H. Carroll, Reg. # 29903/
<b>Date:</b>	04/19/2016

**Total Attachments: 3**  
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**RECEIPT INFORMATION**

**EPAS ID:** PAT3837010  
**Receipt Date:** 04/19/2016

**ASSIGNMENT**

For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I

**Koying Huang of San Jose, California, USA**

have sold, assigned and transferred, and do hereby sell, assign and transfer, to WINBOND ELECTRONICS CORPORATION (hereinafter "Assignee"), a corporation of Taiwan, having a place of business at No. 8, Keya 1<sup>st</sup> Rd., Daya Dist., Central Taiwan Science Park, Taichung City, 428, Taiwan, its successors, legal representatives, assigns and nominees, our entire right, title and interest throughout the world in and to the invention(s) described in the patent application:

**Apparatus and Method for Read Time Control in ECC-Enabled Flash Memory  
which names inventor Koying Huang  
which is identified by Attorney Docket Number 1770.042.US1N  
and which was filed on 04/19/2016 and assigned Serial No. 15/132,771 ;**

and in all patent applications and patents for such invention(s) of every country and under any national law or any regional or international conventions, including provisionals, nonprovisionals, originals, divisions, continuing applications including continuations and continuations-in-part, international applications, reissues, reexaminations, substitutes, renewals, and extensions thereof, and all rights of priority and claims to earlier filing date benefits resulting from the filing of such applications. I authorize Assignee to apply for patents of foreign countries for the invention(s), including foreign national, regional, and international applications, and to claim all rights of priority without further authorization from me. I agree to execute all papers and all other instruments and writings useful in connection with the United States and foreign patent applications and patents, including further application papers, affidavits, declarations, verified statements, oaths, assignments and other documents, and generally to do everything possible, including testifying in legal proceedings, to aid Assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for the invention(s) in all countries. I hereby authorize and request any and all issuing authorities, including the Commissioner for Patents of the United States, to issue any and all United States and foreign patents granted for the invention(s) to Assignee and its successors, assigns and nominees.

I warrant and covenant that no assignment, sale, transfer, grant, mortgage, license agreement or other encumbrance affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein

expressed is possessed by me.

I hereby authorize Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the application number and filing date of the Patent Application once known.

EXECUTED THIS 19 DAY OF April, 2016.

*Koying Huang*  
Koying Huang

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

On \_\_\_\_\_ before me, \_\_\_\_\_, personally appeared Koying Huang, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal:

[SEAL]

\_\_\_\_\_  
Notary Public  
By and for the State of \_\_\_\_\_  
My Commission expires: \_\_\_\_\_

# CALIFORNIA ALL- PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }

County of SANTA CLARA }

On APRIL 19, 2016 before me, RANI L. CARDINAUX NOTARY PUBLIC  
(Here insert name and title of the officer)

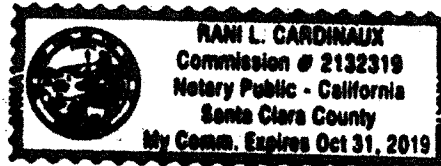
personally appeared KOYING HUANG,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) (s) are subscribed to the within instrument and acknowledged to me that (s) he/she/they executed the same in (s) his/her/their authorized capacity(ies), and that by (s) his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Signature]  
Notary Public Signature

(Notary Public Seal)



### ADDITIONAL OPTIONAL INFORMATION

**DESCRIPTION OF THE ATTACHED DOCUMENT**

ASSIGNMENT  
(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages 2 Document Date 4/19/16

**CAPACITY CLAIMED BY THE SIGNER**

Individual (s)  
 Corporate Officer  
(Title)  
 Partner(s)  
 Attorney-in-Fact  
 Trustee(s)  
 Other \_\_\_\_\_

### INSTRUCTIONS FOR COMPLETING THIS FORM

*This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.*

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. he/she/~~they~~, is /are ) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
  - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
  - ❖ Indicate title or type of attached document, number of pages and date.
  - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.