

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yu-Liang SHIH</td> <td>03/09/2012</td> </tr> <tr> <td>Jung-Wen CHANG</td> <td>03/09/2012</td> </tr> <tr> <td>Te-Chun LEE</td> <td>03/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yu-Liang SHIH	03/09/2012	Jung-Wen CHANG	03/09/2012	Te-Chun LEE	03/09/2012
Name	Execution Date								
Yu-Liang SHIH	03/09/2012								
Jung-Wen CHANG	03/09/2012								
Te-Chun LEE	03/09/2012								
RECEIVING PARTY DATA									
Name:	Quanta Computer Inc.								
Street Address:	No.188, Wen Hwa 2nd Rd., Kuei Shan Hsiang								
City:	Tao Yuan Shien								
State/Country:	TAIWAN								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13418910</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13418910				
Property Type	Number								
Application Number:	13418910								
CORRESPONDENCE DATA									
Fax Number:	(202)408-0924								
Phone:	202-371-8976								
Email:	firm@rabinberdo.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Rabin & Berdo, P.C.								
Address Line 1:	1101 14th St., N.W., Suite 500								
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005								
ATTORNEY DOCKET NUMBER:	SUND-1390								
NAME OF SUBMITTER:	Steven M. Rabin								
Total Attachments: 2 source=SUND-1390-Assignment#page1.tif source=SUND-1390-Assignment#page2.tif									

OP \$40.00 13418910

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

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WHEREAS Yu-Liang SHIH, Jung-Wen CHANG and Te-Chun LEE

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to

METHOD AND ELECTRONIC DEVICE FOR VIRTUAL KEYBOARD WITH HAPTIC/TACTILE FEEDBACK

the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

said application having been filed in the United States Patent and Trademark Office on \_\_\_\_\_,

authorization being hereby given to my attorneys, Steven M. Rabin and Robert H. Berdo, Jr. of RABIN & BERDO, P.C., 1101 14<sup>th</sup> Street, N.W., Suite 500, Washington, D.C. 20005., to insert here in parentheses (Application Serial No. \_\_\_\_\_) the application serial number of said application when known;

said application having been filed under the Patent Cooperation Treaty on \_\_\_\_\_, Serial No. \_\_\_\_\_, the United States of America being designated.

AND WHEREAS QUANTA COMPUTER INC. of NO.188, WEN HWA 2ND RD., KUEI SHAN HSIANG, TAO YUAN SHIEN, TAIWAN, R.O.C., hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

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ASSIGNOR:

Signature:

Yu Liang Shih

Printed Name: Yu-Liang SHIH

Date:

2012.03.09

ASSIGNOR:

Signature:

Jung Wen Chang

Printed Name: Jung-Wen CHANG

Date:

2012.03.09

ASSIGNOR:

Signature:

Te-chun Lee

Printed Name: Te-Chun LEE

Date:

2012.03.09

WITNESS:

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Date: \_\_\_\_\_