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U.S. Department of Commerce Patent and Trademark Office

103250335

To the Commissioner for Patents. Please record the attached original documents or copies thereof.

## 1. Name of Conveying Party(ies):

Fu-Chiung CHENG  
Shu-Ming CHANG  
Jian-Yi-CHEN  
Chieh-Ju WANG  
Chin-Tai CHOU  
Nian-Zhi HUANG  
Chi-Huam SHIEH  
Ping-Yun WANG  
Li-Kai CHANG

## 2. Name and Address of Receiving Party(ies):

Name: **Tatung Company**Street Address: **No. 22, Sec. 3, Jhongshan N. Rd.,  
Jhongshan District**City, State, Zip: **Taipei City 104, Taiwan R.O.C.**

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: **May 22, 2006**☐ Additional name(s) and address(es) attached.

## 4. (A) Patent Application Number(s):

## 4. (B) Patent Number(s):

If this document is being filed together with a new application, the execution date of the application is: **May 22, 2006**☐ Additional Numbers Attached.Title: **HARDWARE COMPONENT GRAPH TO HARDWARE DESCRIPTION LANGUAGE TRANSLATION METHOD**Attorney Docket No.: **CHEN3965/EM**

## 5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name: **Eugene Mar**Total Number of Applications and Patents Involved: **1**7. Total Fee:  
(37 CFR 3.41)**\$40.00**

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

**23364**

CUSTOMER NUMBER

**Bacon & Thomas, PLLC**  
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8. Deposit Account Number: **02-0200**

## 9. Statement and Signature:

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

Eugene Mar

May 25, 2006

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: **5**

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**PATENT**  
**REEL: 017936 FRAME: 0959**

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

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: **Hardware Component Graph to Hardware Description  
Language Translation 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, **Tatung Company**  
having a postal address of **No.22, Sec. 3, Jhongshan N. Rd., Jhongshan District, Taipei City 104,  
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.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

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Date <b>May 22, 2006</b>	Signature 

☒ See following page(s) for additional joint inventors.

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