

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Zahid Hussain</td><td>06/06/2007</td></tr><tr><td>Huy Duc Bui</td><td>06/06/2007</td></tr></tbody></table>		Name	Execution Date	Zahid Hussain	06/06/2007	Huy Duc Bui	06/06/2007				
Name	Execution Date										
Zahid Hussain	06/06/2007										
Huy Duc Bui	06/06/2007										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>VIA Technologies, Inc.</td></tr><tr><td>Street Address:</td><td>535 Chung-Cheng Rd</td></tr><tr><td>City:</td><td>Hsin-Tien, Taipei</td></tr><tr><td>State/Country:</td><td>TAIWAN</td></tr><tr><td>Postal Code:</td><td>231</td></tr></table>		Name:	VIA Technologies, Inc.	Street Address:	535 Chung-Cheng Rd	City:	Hsin-Tien, Taipei	State/Country:	TAIWAN	Postal Code:	231
Name:	VIA Technologies, Inc.										
Street Address:	535 Chung-Cheng Rd										
City:	Hsin-Tien, Taipei										
State/Country:	TAIWAN										
Postal Code:	231										
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>11760296</td></tr></tbody></table>		Property Type	Number	Application Number:	11760296						
Property Type	Number										
Application Number:	11760296										
CORRESPONDENCE DATA											
Fax Number: (770)951-0933 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Email: dan.mcclure@tkhr.com											
Correspondent Name: Daniel R. McClure											
Address Line 1: 100 Galleria Pkwy											
Address Line 2: Suite 1750											
Address Line 4: Atlanta, GEORGIA 30339											
ATTORNEY DOCKET NUMBER:	252209-1870										
NAME OF SUBMITTER:	Daniel R. McClure										
Total Attachments: 4 source=00536129#page1.tif source=00536129#page2.tif source=00536129#page3.tif											

OP \$40.00 11760296

500292505

PATENT
REEL: 019403 FRAME: 0020

**ASSIGNMENT
OF UTILITY PATENT APPLICATION**

WHEREAS, the following parties:

<u>Name</u>	<u>Address</u>
Zahid Hussain	33 Church Road, Chavey Down, Ascot England, UK SL5 8RR
Huy Duc Bui	261 El Bosque Dr., San Jose, CA 95134

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

**DECODING OF CONTEXT ADAPTIVE VARIABLE LENGTH CODES IN
COMPUTATIONAL CORE OF PROGRAMMABLE GRAPHICS PROCESSING
UNIT**

which was:

- ☒ executed on even date herewith,
- ☐ filed with the United States Patent and Trademark Office (USPTO) on
, and assigned Serial No., and
- ☒ further described in U.S. Provisional application entitled **Variable-
Length Decoding Systems and Methods**, filed with the USPTO on
June 8, 2006, and assigned Serial No. 60/811,821.

Note: Only one of the first two checkboxes will be checked. The third checkbox will be checked, only if appropriate.

WHEREAS, VIA Technologies, Inc., having a place of business at 535 Chung-Cheng Rd., Hsin-Tien, Taipei 231, Taiwan, R.O.C., hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said invention(s), said utility application, said provisional application, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said Provisional

application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

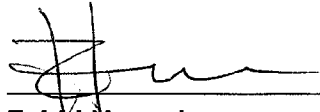
ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said Inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.


ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR's behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.



Zahid Hussain

Date: 6/6/07



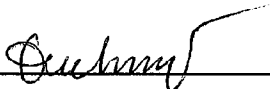
Witness

Date: 06 June 07




Witness

Date: 6/6/07



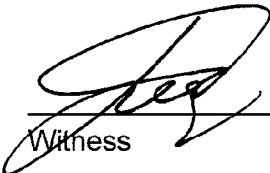
Huy Duc Bui

Date: 06/06/07



Witness

Date: 06 June 07



Witness

Date: 6/6/07