

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>John Brothers</td> <td>12/12/2006</td> </tr> <tr> <td>Timour Paltashev</td> <td>11/15/2006</td> </tr> <tr> <td>Hsilin Huang</td> <td>11/15/2006</td> </tr> <tr> <td>Boris Prokopenko</td> <td>11/15/2006</td> </tr> <tr> <td>Qunfeng (Fred) Liao</td> <td>12/04/2006</td> </tr> </tbody> </table>		Name	Execution Date	John Brothers	12/12/2006	Timour Paltashev	11/15/2006	Hsilin Huang	11/15/2006	Boris Prokopenko	11/15/2006	Qunfeng (Fred) Liao	12/04/2006
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Qunfeng (Fred) Liao	12/04/2006												
RECEIVING PARTY DATA													
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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11552693</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11552693								
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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												
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ATTORNEY DOCKET NUMBER:	252209-1760												
NAME OF SUBMITTER:	Daniel R. McClure												

OP \$40.00 11552693

Total Attachments: 6

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**ASSIGNMENT
OF UTILITY PATENT APPLICATION**

WHEREAS, the following parties:

Name	Address
John Brothers	4225 Mountain Home Ranch Road, Calistoga, California 94515
Timour Paltashev	1000 Beethoven Common #107, Fremont, California 94538
Hsilin Huang	77 Meadowland Drive, Milpitas, California 95035
Boris Prokopenko	1775 Milmont Drive, Milpitas, California 95035
Qunfeng (Fred) Liao	3466 Maroun Place, San Jose, California 95148

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:

**GPU PIPELINE MULTIPLE LEVEL SYNCHRONIZATION CONTROLLER
PROCESSOR AND METHOD**

which was:

- executed on even date herewith,
- filed with the United States Patent and Trademark Office (USPTO) on October 25, 2006, and assigned Serial No. 11/552,693, and
- further described in U.S. Provisional application entitled _____, filed with the USPTO on _____, and assigned Serial No. _____.

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 said invention(s) and utility application and in any and all U.S. and foreign patents which may be granted on 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

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.



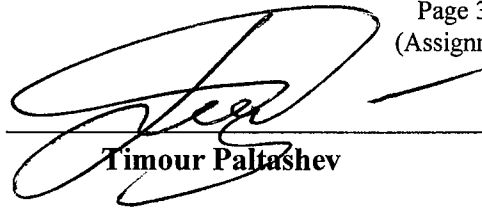
John Brothers

Date: 12/12/06



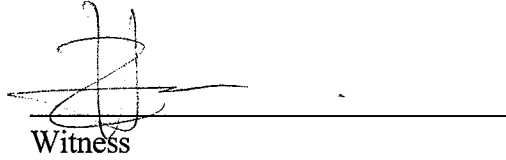
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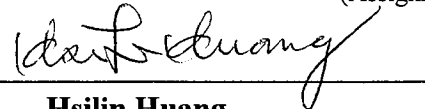
Timour Paltashev

Date: 11/15/06




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Date: 12/12/06



Hsilin Huang

Date: 11/15/2006



Witness

Date: 12/12/06



Boris Prokopenko

Date: 15 Nov 2006



Witness

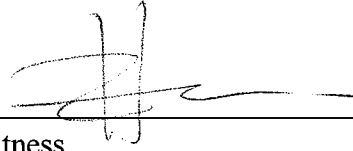
Date: 12/12/06



Qunfeng (Fred) Liao

Date: 12/04/06

Date: 12/12/06



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