

PATENT ASSIGNMENT

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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>Christopher Cheng</td><td>12/19/2006</td></tr><tr><td>David Chu</td><td>12/12/2006</td></tr></tbody></table>	Name	Execution Date	Christopher Cheng	12/19/2006	David Chu	12/12/2006	
Name	Execution Date						
Christopher Cheng	12/19/2006						
David Chu	12/12/2006						
RECEIVING PARTY DATA							
Name:	3PARdata, Inc.						
Street Address:	4245 Technology Drive						
City:	Fremont						
State/Country:	CALIFORNIA						
Postal Code:	94538						
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>11614031</td></tr></tbody></table>	Property Type	Number	Application Number:	11614031			
Property Type	Number						
Application Number:	11614031						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	3PD-P112						
NAME OF SUBMITTER:	David C. Hsia						
Total Attachments: 2 source=3PD-P112_Assignment#page1.tif source=3PD-P112_Assignment#page2.tif							

OP \$40.00 11614031

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we,

Christopher Cheng	of	Cupertino, California
David Chu	of	Santa Clara, California

hereby sell, assign and transfer to **3PARdata, Inc.**, a **California** corporation, having a place of business at **4245 Technology Drive, Fremont, California 94538**, its successors and assigns, the entire right, title and interest throughout the world in our invention in

Mix Mode Driver for Traces of Different Lengths

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 19th day of December, 2006.


Christopher Cheng

State of _____)
) ss.
 County of _____)

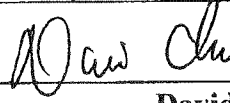
On _____ before me, _____
 personally appeared _____ personally known to
 me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s)
 is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the
 same in his/her/their authorized capacity(ies), and that by 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.

WITNESS my hand and official seal.

 SIGNATURE OF NOTARY

Attorney Docket No.: 3PD-P112

Executed this 12 day of December, 2006.



David Chu

State of _____)
County of _____) ss.

On _____ before me, _____ personally appeared _____ personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by 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.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY