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To the Honorable Director of the United States Patent and Trademark Office

Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

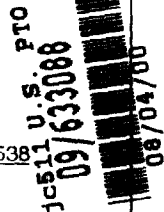
- (a) Ashok Singhal
- (b) Jeffrey A. Price
- (c) David J. Broniarczyk
- (d) George R. Cameron

Additional name(s) of conveying party(ies) attached?

Yes  No

2. Name and address of receiving party(ies):

Name: 3PARdata, Inc.  
 Street Address: 4215 Technology Drive  
 City: Fremont State: CA Zip: 94538  
 Country: USA



3. Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: July 26, 2000

Name and address of receiving party(ies):

Name: (Same as above)  
 Street Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Country: \_\_\_\_\_

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: July 26, 2000

A. Patent Application No.(s) -

Title: Data Storage System

B. Patent No.(s)

09633088

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Philip W. Woo  
 Internal Address: SKJERVEN MORRILL MacPHERSON LLP  
 Street Address: 25 METRO DRIVE, SUITE 700  
 City SAN JOSE State CA ZIP 95110

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): ..... \$40.00 ✓

- Authorized to be charged to Deposit Account 19-2386
- Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid

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 01 FC:581 40.00 CH

8. Statement and signature.

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

Philip W. Woo 39,880  
 Name of Person Signing

Philip W. Woo  
 Signature

8/4/00  
 Date

Total number of pages comprising cover sheet: 1

### ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we -- Ashok (nmi) Singhal, Jeffrey A. Price, David J. Broniarczyk and George C. Cameron -- hereby sell, assign and transfer to 3PARdata, Inc., a California corporation, having a place of business at 4215 Technology Drive, Fremont, California 94538, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

#### Data Storage System

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, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 26 day of July, 2000.

*Ashok Singhal*

Ashok (nmi) Singhal

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

Executed this 26 day of July, 2000.

Jeffrey A. Price  
Jeffrey A. Price

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

Executed this 26 day of July, 2000.

David J. Broniarczyk  
David J. Broniarczyk

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

