RF

01-18-2001



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

thereof.	. the attached original documents or copy
Name of conveying party(ies):	Name and address of receiving party(ies):
(a) Ashok (nmi) Singhal	Name: 3PARdata, Inc.
(b) David J. Broniarczyk	Street Address: 4215 Technology Drive
(c) George R. Cameron	City: Fremont State: CA Zip:
	Country: <u>USA</u>
Additional name(s) of conveying party(ies) attached?	
3. Nature of Conveyance:	Name and address of receiving party(ies):
Assignment Merger	Name: (Same as above)
Security Agreement Change of Name	Street Address:
	City: Zip:
Other December 21, 2000	Country:
Execution Date.	
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:
A. Patent Application No.(s) -	B. Patent No.(s)
Title: COMMUNICATION LINK PROTOCOL OPTIMIZED FOR	
STORAGE ARCHITECTURES	
Additional numbe	rs attached?
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:
Name: Philip W. Woo	
Internal Address: SKJERVEN MORRILL MacPHERSON LLP	
Street Address: 25 METRO DRIVE, SUITE 700	7. Total fee (37 CFR 3.41):\$40.00
City SAN JOSE State CA ZIP 95110	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
DO NOT	USE THIS SPACE
	•
1/17/2001 MTHAI1 00000184 192386 09751649 8 Statement and Signature. To the best of my knowledge and belief, the foregoing informati	on is true and correct and any attached copy is a true copy
of the original document.	
Philip W. Woo 39,880	Signature $12/29/\omega$
Name of Person Signing	,
	Total number of pages comprising cover sheet: 1

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PATENT

REEL: 011428 FRAME: 0684

Attorney Docket No.: M-8495 US

ASSIGNMENT

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

COMMUNICATION LINK PROTOCOL OPTIMIZED FOR STORAGE ARCHITECTURES

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 abovenamed assignee, its successors and assigns.

Executed this _2	day of _	Decer	nper	, 20	000.	
Executed this			ash	ok Sigh	of a	
				Ashok (n	imi) Singha	l
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Page 1

Executed this a (day of Deca	<u>nber</u> , 2000.
	David J. Broniarczyk
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On before me,	
personally appeared or proved to me on the basis of satisfactory evidence.	personally known to me
	edged to me that he/she/they executed the same in his/her/their signature(s) on the instrument the
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Executed this 71 day of Decem	<u>nber</u> , 2000.
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	George R. Cameron
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