	ATTORNEY DOCKET NO: M-12541 U				
05-17-2002	U.S. DEPARTMENT OF COMMERC				
	NTS ONLY				
TO THE HONORABLE DIRECTOR OF THE UNITED STATES PAT	ENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED				
. Name of conveying party(ies):	2. Name and address of receiving party(ies):				
(a) Hoa V. Luong	Name: 3PARdata, Inc.				
(b) Sushil Thomas	Street Address: 4245 Fremont Drive				
Additional name(s) of conveying party(ies) attached?	City: Fremont California 94560				
Yes No	Country: U.S.A.				
Nature of Conveyance:	Name and address of receiving party(ies):				
Assignment Merger	Name: {Enter Name}				
Security Agreement Change of Name	Street Address: {Enter Street Address}				
Other {Enter Description}	City: {City} State: {State} Zip: {Zip}				
Execution Date: April 22, 2002	Country: {Country}				
	Additional name(s) & address(es) attached?				
	Yes No				
Application number(s) or patent number(s):					
If this document is being filed together with a new application	on, the execution date of the application is: <u>April 22, 2002</u>				
A. Patent Application No.(s) - {Patent Application Numbers}	B. Patent No.(s)				
Title: Reserving a Shared Volume in a Multiple Node Da	ita				
Storage System					
Additional	numbers attached? Yes No				
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1				
concerning document should be mailed:					
Name: Philip W. Woo	-				
Internal Address: SKJERVEN MORRILL LLP	_				
Street Address: THREE EMBARCADERO CENTER, 28 th FLOO	R 7. Total fee (37 CFR 3.41): \$40.00				
City SAN FRANCISCO State CA Zip 9411					
	 Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid 				
	USE THIS SPACE				
DO NOT					
8. Statement and signature.	the copy of the				
To the best of my knowledge and belief, the foregoing info	ormation is true and correct and any attached copy is a true copy of the				
original document.	[M_ & nu 5/2/02				
Philip W. Woo 39,880	Signature S/2/02 Date Signature				
Name of Person Signing	Signature Total number of pages including cover sheet, attachments, and documents:				
15/16/2002 LINELLER GOUVION AMERICAN					
01 FC:581 40.00 CH					
	PATENT				

REEL: 012891 FRAME: 0492

ASSIGNMENT

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

Hoa V. Luong and Sushil Thomas

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:

Reserving a Shared Volume in a Multiple Node 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 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	22_day of	April		, 200	02.
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				Hoa V. Luon	g
State of County of)) ss.				
County of)				
On		_ before me, _			
					personally
personally appeared known to me or prove name(s) is(are) subscr executed the same in signature(s) on the ins acted, executed the in	ribed to the w his/her/their a strument the p	ithin instrume	nt and ack	and that by his/	her/their

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

Executed this $\underline{2}$	2 day of Ap	ril, 2002.			
	·	Chances			
		Sushil Thomas			
State of) County of)	SS.				
County of)					
On	before n	ne,			
personally appeared		ре	rsonally		
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)					

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

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acted, executed the instrument.