FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

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U.S. Department of Commerce Patent and Trademark Office **PATENT**

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RECORDATION FORM COVER SHFFT (3Com-42/4(2715STGUSP))

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Name (line 1) Eric	STINE			8/24/00			
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Receiving Party		M	lark if additional names o	of receiving parties attached			
Name (line 1) 3Com	Corporation			If document to be recorded is an assignment and the			
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Domestic Repres	sentative Name and A	ddress Enter	for the first Receiving Pa	arty only.			
Name Pete	r L. MICHAELSON						
L							
	HAELSON & WALLACE						
Address (line 2) Park	kway 109 Office Cente	er					
Address /line 31 328	Newman Springs Road	, P.O. Box 8489					
		7701					
Address (line 4) Red	Bank, New Jersey 0	FOR OFFICE USE ON	LY				
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> **PATENT REEL: 011109 FRAME: 0655**

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Correspondent Name and Add	Iress Area Code and Telepho	one Number 732-53	0-6671
Name Peter L. MICHAELSO	NC		
Address (line 1) MICHAELSON & WALL	ACE	- Albert Market	
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Address (line 4) Red Bank, New Jer	sey 07701		
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Application Number(s) or Pate	nt Number(s)	Mark if additional	numbers attached
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	Detect Application enter the date the	natent application was	Month Day Year
If this document is being filed together with a signed by the first named executing inventor	new Patent Application, enter the date the	patent approacion is a	August 24, 2000
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only if a U.S. Application	Number PCT P	РСТ	PCT
has not been assigned.			
Number of Properties Ente	r the total number of properties i	nvolved. # 1	
Fee Amount Fee A	Amount for Properties Listed (37	CFR 3.41): \$ 40.00	
Method of Payment: Deposit Account (Enter for payment by deposit accour	Enclosed Deposit According filling fees at or if additional fees can be charged to the Deposit Account Number:		83
	Authorization to charge addi	tional fees: Yes	x No
Statement and Signature			reat and any
i	e and belief, the foregoing inform of the original document. Charg	nation is true and corr ges to deposit accour	nt are authorized, as

indicated herein.

Name of Person Signing

Peter L. MICHAELSON

(3COM42-4REC/43:ca)

1 Signature Sept 13, 2000

Date

Doc. No.: 3COM-42/4(2715.STG.US.P)

ASSIGNMENT (single inventor)

WHEREAS, I, Eric STINE, ASSIGNOR

citizen of India, residing at 3333 Stump Hall Road, Collegeville, Pennsylvania, 19426

8/24/00 U.S.

am the inventor of the invention in: **DIGITAL RECEIVE PHASE**LOCK LOOP WITH CUMULATIVE PHASE ERROR CORRECTION AND
DYNAMICALLY PROGRAMMABLE CORRECTION RATE

for which I have executed an application for a Patent of the United States on even date herewith;

and WHEREAS, 3Com Corporation, a corporation of the State of Delaware, having a place of business at 5400 Bayfront Plaza, P.O. Box 58145, Santa Clara, California, 95052-8145, ASSIGNEE

is desirous of obtaining the entire right, title and interest in, to and under the invention and the application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I , the ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the invention, and the United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models and designs which may hereafter be filed for the invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from the United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial

Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for the invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to me regarding the invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for the invention in all countries.

The undersigned hereby grant(s) the law firm of Michaelson & Wallace the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, I hereunto set our hand and seal the day of Augus , 2000. Eric STINE, ASSIGNOR	_S
ELIC SIINE, ASSIGNOR	
State of } County of }	
On thisday ofday ofday Public in a	and
for the State and County aforesaid, personally appeared Enstine, known to me to be the person of that name, who signand sealed the foregoing instrument, and he acknowledged to same to be his free act and deed.	ric ned

Notary Public

(3Com42-4ASGN/40:ca)