FORM PTO-1595 (Rev. 6-93)



U.S. Department of Con-

OMB No. 0651-0011 (exp. 4/94)	01654045 ALENIS UNL 1 Patent and Trademark Office	
To the Honorable Commissioner of Patents and	Trademarks: Please record the attached original document or copy thereof.	
Name of conveying party(ies):	Name and address of receiving party(ies):	
Youhong Lu	Name: 3Com Corporation	
Wenshun Tian	Intownal Address.	
Additional name(s) of conveying party(ies) attached? Yes I	No Internal Address.	
3. Nature of conveyance:	Street Address: 5400 Bayfront Plaza	
Assignment Merger Security Agreement Change of Name	City: Santa Clara State: CA Zip: 95052	
Other	Additional name(s) & address(es) attached? Yes No	
Execution Date: March 12, 2001	Additional name(s) & address(es) attached: Yes No	
4. Application number(s) or registration number(s): 07807397		
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):	
Additional n	umbers attached? Yes No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:1	
Name: McDonnell Boehnen Hulbert & Berghoff	7. Total fee (37 C.F.R. 3.41)	
32 nd Floor, 300 South Wacker Drive	Enclosed	
	Authorized to be charged to deposit account	
City: Chicago State: Illinois Zip: 60606	if check insufficient or inadvertently omitted	
City. Cineage	8. Deposit account number: 13-2490 (Attach duplicate copy of this page if paying by deposit account	
DO NOT USE THIS SPACE		
9. Statement and signature.		
 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. 		
Timothy R. Baumann		
Name of Person Signing, Reg. No. 40,502	Signature Data Total number of pages including cover sheet, attachments and documents:	
Commissioner of Patents an	ed with required cover sheet information to: d Trademarks, Office of Public Records, coom 335, Washington, D.C. 20231	
OFFI	TFICATE OF MAILING	
CERT	37 C.F.R 1.8	

CERTIFICATE OF MAILING	
37 C.F.R 1.8	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, DC 20231, on the date below:	
Date	
9/3/2017 1 00/00/01 152400 09800000	

PATENT REEL: 011624 FRAME: 0088

ASSIGNMENT

Case No.:

01-027

Inventors: Lu et al.

Date of Execution

of Application:

Serial No.:

Filing Date:

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

3Com Corporation, a corporation of the State of Delaware

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

DTMF Detection Based on LPC Coefficients

and identified as:

Case No. 01-027

in the offices of McDonnell Boehnen Hulbert & Berghoff and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be

PATENT REEL: 011624 FRAME: 0089

Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made. WITNESS my hand and seal this 2 day of March, 200. llionis County of The foregoing instrument was acknowledged before me this A day of 200 by Youhong Lu. "OFFICIAL SEAL" KATHY L. REIKEN Notary Public, State of Illinois My Commission Exp. 11/13/2004 WITNESS my hand and seal this $\frac{12}{2}$ day of $\frac{12}{12}$, $\frac{200}{12}$. Wenshun Tian State of Illinois County of The foregoing instrument was acknowledged before me this 1/2 day of March, 200/ by Wenshun Tian. NOTARY PUBLIC "OFFICIAL SEAL" KATHY L. REIKEN Notary Public, State of Illinois

held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters

RECORDED: 03/15/2001

My Commission Exp. 11/13/2004