FORM PTO-1595	27-2006 ET U.S. DEPARTMENT OF COMMERCE				
4	Patent and Trademark Office				
To The Honorable Commissioner of Patents and Irauema. 103 1. Name of conveying party(ies):	165925 ginal documents or copy thereof.				
Name of conveying party(ies):	2. Name and ass of receiving party(ies)				
Swapnil Kashikar	Name: 3Com Corporation				
	Address: 350 Campus Drive				
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	Marlborough, MA 01752-3064				
3. Nature of conveyance:	Name:				
☐ Security Agreement ☐ Change of Name	Address:				
□ Other					
Execution Date: January 12, 2006	Additional name(s) & address(es) attached? ☐ Yes ☒ No				
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: January 10, 2006				
A. Patent Application No.(s) Filing Date	B. Patent No.(s)				
5. Name and address of party to whom correspondence	ers attached? □ Yes ☒ No				
concerning document should be mailed:	6. Total number of applications and patents involved: 1				
Name: Robert J. Irvine III					
Registration No.: 41,865	7. Total Fee (37 CFR 3.41)\$40.00				
Company Name: McDonnell, Boehnen, Hulbert & Berghoff LLF	P 🗵 Enclosed				
Street Address: 300 South Wacker Drive – 32 nd Floor	Authorized to be charged to deposit account				
City: Chicago State: Illinois	8. Deposit account number:				
Country: U.S.A. ZIR: 60606	13-2490				
17/07/006 SSESHE1 00000028 11334136					
5 FC:8021 40.00 UP DO NO	T USE THIS SPACE				
9. Statement and signature.	nation is true and correct and any attached copy is a true copy of the original				
document.	11()				
Robert J. Irvine III (DLui	Date: January 18, 2006				
Printed Name of Person Signing Total number of pages including	r cover sheet attachments, and document: 3				
Mail desuments to be recorded	d with required cover sheet information to				
Mail documents to be recorded to the Mail Stop Assignment Recordation Services Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, Virginia 22313-1450					

PATENT REEL: 017493 FRAME: 0572

ASSIGNMENT

MBHB Case No.:	05-645	Serial No.:			
Inventor:	Swapnil Kashikar				
Date of Execution					
of Application:		Filing Date:			
In considerate	tion of One Dollar (\$1.00)	and other good and valuable considerations in			

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 assigns 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:

SIMPLE AND FAST DIRECTORY SEARCH WITH REDUCED KEYSTROKES AND REDUCED SERVER CALLS

and identified as:

Case No. 05-645

in the offices of McDonnell Boehnen Hulbert & Berghoff LLP 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 authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

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

- 1 -

McDONNELL BOEHNEN HULBERT & BERGHOFF LLP 300 SOUTH WACKER DRIVE CHICAGO, ILLINOIS 60606 TELEPHONE (312) 913-0001

> PATENT REEL: 017493 FRAME: 0573

For said considerations the undersigned hereby agrees, 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 authorizes 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 agrees, 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 held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters 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 _	12th	day of _	January	<u>, 2006</u> .	
					Knlika -	
State of	Illinois				•	
County of	Karle					
The foregoing instrument was acknowledged before me this day of						
January	, 2001	e by #	eathe	er M.	Monaghan.	

HEATHER M. MONAGHAN
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
February 24, 2009

RECORDED: 01/18/2006

Hearner M Moy C NOTARY PUBLIC