Form PTO-1595 (Adapted) 3-13-96 RECOR	02-24-1999 DEPARTMENT OF COMMERCE Patent & Trademark Office
	100970110
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
John W. Miller Lenox H. Brassell	Name: Microsoft Corporation
Additional name(s) of conveying party(ies) attached? \Box Yes Σ_{No}	_ Address: One Microsoft Way, Building 8
3. Nature of conveyance: → 17-99 Massignment □ Merger □ Security Agreement □ ○ Other	City Redmond State WA ZIP 98052
Execution Date: <u>November 4, 1998</u>	Additional name(s) & address(es) attached? Yes No
4(a). Patent Application No.(s): 09/114,786	4(b). Patent No.(s):
If this document is being filed together with a new application, the execution date of the application is:Additional numbers attached?	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1
concerning document should be mailed:	
Name: Michael J. Mehrman Address: JONES & ASKEW, LLP 37th Floor, 191 Peachtree Street, N.E. Atlanta, Georgia 30303-1769	7. Total fee (37 CFR 3.41) enclosed: \$40.00
DO NOT USE THIS SPACE	
8. Statement and signature.	405
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.	
I certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents & Trademarks, Washington DC 20231, on the date given below.	
Michael J. Mehrman, Reg. 40,086M1/VFebruary5, 1999Name of Person SigningSignatureDate8	
Attorney Docket No: 13237-2215 (MS 36706.1) Total number of pages including cover sheet: 3 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks Box Assignments Washington, DC 20231 PATENT REEL: 9772 FRAME: 0579	

ASSIGNMENT

WHEREAS, we, John W. Miller and Lenox Brassell, having post office addresses of 881 Eighth Avenue West, Kirkland, Washington 98033 and 2021 First Street, Apt. A-8, Seattle, Washington 98121, respectively, (hereinafter referred to as ASSIGNOR)S, are the joint inventors of an invention entitled "**Natural Language Information Retrieval System**," as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, Washington 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions, and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said

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invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

hn W. Miller John W. Miller

STATE OF WASHINGTON



Commission Expires:

STATE OF WASHINGTON

Before me, a Notary Public in and for the State of Washington, on this $\frac{1}{2}$ day of Nau En E R, 1998, personally appeared <u>LENOX BRASSELL</u>, who being duly sworn,

signed and acknowledged the foregoing Assignment as his free act and deed.

215/MS #36706.1

OTARY PUBLIC 15,2007

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RECORDED: 02/17/1999