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To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof
1. Name of Conveying Part(ies): David N. Weise	Name and address of receiving party(ies):
Additional name(s) of conveying party(ies) attached?	Name: Microsoft Corporation
Nature of conveyance:	Internal Address:
Assignment	Street Address: One Microsoft Way
☐ Merger ☐ Change of Name	•
☐ Other	City: Redmond State: WA Zip: 98052  Additional names(s) & address(es) attached: ☐ Yes ☒ No
Execution Date: 11/10/2000	Additional frames(s) & address(es) attached. Li Tes Zi No
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<ol> <li>Application number(s) or patent number(s): 09/620,745</li> <li>If this document is being filed together with a new applicat</li> </ol>	tion, the execution date of the application is:
A. Patent Application No.(s):	B. Patent No.(s)
7. Tatom Application Tonics	
Π Μ	
Additional numbers attached: 🔲 Yes 🖾 No	Additional numbers attached:
5. Name and address of party to whom correspondence	6 Total number of applications and
concerning document should be mailed:	patents involved1
Name: Kasey C. Christie	
Internal Address: Lee & Hayes, PLLC	7. Total fee (37 CFR 3.41)
Street Address: 421 W. Riverside Ave	
Suite 500	∑ Enclosed
City: Spokane State: WA Zip: 99201	Authorized to be charged to deposit account
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Kasey C. Christie	Signature Date
Name of Person Signing	
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MS1-543US.AS2

LEE & HAYES, PLLC

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	09/620.745
Filing Date	7/20/00
Inventorship	Weise
Applicant	Microsoft Corporation
Attorney's Docket No	MS1-543US
Title: Ranking Parser for a Natural Language Pr	

## PATENT ASSIGNMENT

### **PARTIES TO THE ASSIGNMENT**

# Assignor(s):

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David N. Weise 232 Waverly Way Kirkland, WA 98033

### Assignee:

Microsoft Corporation Corporation in the State of Washington One Microsoft Way Redmond, WA 98052

### **AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "Ranking Parser for a Natural Language Processing System," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

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, WA 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 therefor in the United States and in any and all foreign countries;

Page 1 of 31109001114 C:\DOCUME-1\hollist\LOCALS-1\Temp\ms1-5-43us.AS1.doc

PATENT REEL: 011396 FRAME: 0124

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto 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 for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

	* * * * * * * *
10 Nov 2000	Laid M. Wein
Date	David N. Weise
State of Washington County of King	) ) ss. )
who appeared before me, ar	e satisfactory evidence that David N. Weise is the person and said person acknowledged that he or she signed this ged it to be his or her free and voluntary act for the uses the instrument.  Dated