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09-19-2002

Attorney Docket No. M61.12-0231

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and Trademark Office: Please record the attached

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1. Name of conveying party(ies): (1) Ming Zhou (2) Ting Liu (9)	2. Name and address of receiving party(ies):				
Additional name(s) of conveying party(ies) attached? [] Yes [] No	Name: Microsoft Corporation Internal Address: Street Address: One Microsoft Way City Redmond State WA ZIP 98052				
	Additional name(s) & address(es) attached?				
3. Nature of Conveyance:					
<pre>[x] Assignment [] Merger [] Security Agreement [] Change of Name [] Other</pre>					
Execution Date: September 6, 2002	L S S S				
4A. Application No.(s)	4B. Patent No.(s)				
10/185,430	\sim				
If this document is being filed together with a new application, the execution date(s) of the Declaration of the application is:	Additional numbers attached? [] Yes [] No O O O O O O O O O O O O O				
Additional numbers attached? [] Yes [] No	- 6 p				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: [1]				
Name: John Veldhuis-Kroeze Street Address: Westman, Champlin & Kelly, P.A Suite 1600 International Centre 900 Second Avenue South City: Minneapolis State: MN ZIP 55402					
	7. Total fee (37 CFR 3.41):\$ 40.00				
	8. Method of Payment [X] Check enclosed [X] The Director is authorized to charge payment of any additional recording fees or credit any overpayment to deposit account No. 23-1123.				
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9. 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.					
John Veldhuis-Kroeze					
Name of Person Signing John Veller 9-10-6	· · · · · · · · · · · · · · · · · · ·				
Signature Date	Total number of pages submitted: [4]				
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PATENT REEL: 013290 FRAME: 0501

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No	10/185,430
Filing Date	June 28, 2002
Inventorship	Ming Zhou et al.
Applicant	Microsoft Corporation
Attorney's Docket No	
Title: SYSTEM AND METHOD FOR AUTOMAT	IC DETECTION OF COLLOCATION
MISTAKES IN DOCUMENTS	

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Ming Zhou 7-1-302, Yimei Jiayuan #15, An-Ning Zhuang Xilu, Haidian District Beijing, 100085, P. R. China

Ting Liu
Department of Computer Science and Engineering
Harbin Institute of Technology
Harbin, 150001, P. R. China

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 "SYSTEM AND METHOD FOR AUTOMATIC DETECTION OF COLLOCATION MISTAKES IN DOCUMENTS," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

Page 1 of 3

PATENT REEL: 013290 FRAME: 0502 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;

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.

Page 2 of 3

Sep. 6, 2002	M. Zhou
Date	Ming Zhou
Sep. 6, 2002	Tinglin
Date	Ting Liu

Page 3 of 3

RECORDED: 09/16/2002

PATENT REEL: 013290 FRAME: 0504