

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Raif Khassanov</td> <td>05/01/2008</td> </tr> <tr> <td>Chadd Creighton Merrigan</td> <td>04/29/2008</td> </tr> <tr> <td>Mihai Petriuc</td> <td>04/29/2008</td> </tr> <tr> <td>Artsiom Ivanovich Kokhan</td> <td>04/30/2008</td> </tr> </tbody> </table>		Name	Execution Date	Raif Khassanov	05/01/2008	Chadd Creighton Merrigan	04/29/2008	Mihai Petriuc	04/29/2008	Artsiom Ivanovich Kokhan	04/30/2008
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Raif Khassanov	05/01/2008										
Chadd Creighton Merrigan	04/29/2008										
Mihai Petriuc	04/29/2008										
Artsiom Ivanovich Kokhan	04/30/2008										
RECEIVING PARTY DATA											
Name:	Microsoft Corporation										
Street Address:	One Microsoft Way										
City:	Redmond										
State/Country:	WASHINGTON										
Postal Code:	98052										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12139213</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12139213						
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Application Number:	12139213										
CORRESPONDENCE DATA											
Fax Number:	(303)357-1671										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	3033571670										
Email:	hwohl@merchantgould.com										
Correspondent Name:	Merchant & Gould PC (Stanley Gradisar)										
Address Line 1:	1050 17th Street										
Address Line 2:	Suite 1950										
Address Line 4:	Denver, COLORADO 80265										
ATTORNEY DOCKET NUMBER:	14917.0821US01										
NAME OF SUBMITTER:	Stanley Gradisar										
Total Attachments: 2											

OP \$40.00 12139213

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**PATENT
 REEL: 021218 FRAME: 0680**

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PATENT ASSIGNMENT

We, CHADD CREIGHTON MERRIGAN; MIHAI PETRIUC; RAIF KHASSANOV; and ARTSIOM IVANOVICH KOKHAN ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SEARCH INDEX FORMAT OPTIMIZATIONS" ("APPLICATION"), which:

will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Merchant & Gould PC, P.O. Box 2903, Minneapolis, Minnesota 55402-0903, who are associated with customer number 27488, to insert here in parenthesis (U.S. Serial No. 12/139,213, filed 6/13/08) this APPLICATION's U.S. Serial Number and filing date, when known;

was filed on _____ and was given U.S. Serial No. _____;

is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

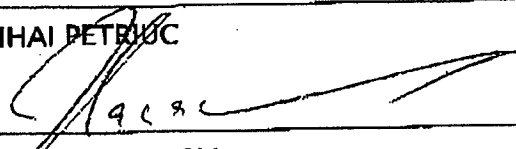
DATE

CHADD CREIGHTON MERRIGAN

DATE

MIHAI PETRIUC

01 May 08
DATE



RAIF KHASSANOV

DATE

ARTSIOM IVANOVICH KOKHAN

PATENT ASSIGNMENT

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Apr. 29, 2008
DATE

Chadd Creighton Merrigan
CHADD CREIGHTON MERRIGAN

Apr. 29, 2008
DATE

Mihai Petriuc
MIHAI PETRIUC

DATE

RAIF KHAASSANOV

Apr 30, 2008
DATE

Artsiom Ivanovich Kokhan
ARTSIOM IVANOVICH KOKHAN