

07-14-2004

HEET



To the Honorable Commission

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ed original document(s) or copy thereof.

1. Name of conveying party(ies) (assignor(s)):

Ramez NAAM, Nicole Ashley HAMILTON, Oliver HURST-HILLER, Brett D. BREWER

Additional name(s) of conveying party(ies) attached? ☐ yes ☒ no

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2. Name and Address of Party(ies) receiving an interest (assignee(s)):

Name: Microsoft CorporationAddress: One Microsoft WayCity: Redmond State: WA Zip: 98052Country: U.S.A.Additional name(s) & address(es) attached? ☐ yes ☒ no

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Change of Name☐ Verified Translation☐ Security Agreement☐ Other _____Execution Date: June 24 and 29, July 1, 2004

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date(s) of the application is: June 24 and 29, July 1, 2004A. Patent Application No(s).B. Patent No(s).

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Others on additional sheet(s) attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

James J. Barta, Jr.

Senniger, Powers, Leavitt & Roedel

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St. Louis, Missouri 63102

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6. Total number of applications and patents involved:

Application(s) 1 + Patent(s): = Total 17. Total Fee (37 CFR 3.41) \$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account8. Deposit Account Number: 19-1345

(Duplicate copy of this sheet attached)

☒ Charge any underpayment or credit any overpayment to above Deposit Account

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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.

James J. Barta, Jr.

Name of Person Signing

Signature

July 1, 2004

Date

Total number of pages including cover sheet, attachments, and document:

4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Filing Date..... Executed Concurrently Herewith
Inventorship..... Ramez Naam et al.
Applicant..... Microsoft Corporation
Attorney's Docket No. MSFT 5117
MS Docket No. MS#307762.01
Title: GENERATING A SUBINDEX WITH RELEVANT ATTRIBUTES TO IMPROVE
QUERYING

PATENT ASSIGNMENT**PARTIES TO THE ASSIGNMENT****Assignors:**

Ramez Naam
1200 26th Avenue E
Seattle, Washington 98112

Nicole Ashley Hamilton
16645 NE 46th Street
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Oliver Hurst-Hiller
734 10th Avenue E
Seattle, Washington 98102

Brett D. Brewer
20509 NE 21st Court
Sammamish, Washington 98074

Assignee:

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

AGREEMENT

WHEREAS, ASSIGNORS (listed above) are inventors of an invention entitled
"GENERATING A SUBINDEX WITH RELEVANT ATTRIBUTES TO IMPROVE QUERYING,"
for which a non-provisional application for United States Letters Patent is filed concurrently
herewith.

Attorney Docket No. MSFT 5117MS Docket No. MS#307762.01

Serial No. (if known) _____

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 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 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 ASSIGNORS had this assignment, transfer and sale not been made. 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 invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

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Attorney Docket No. MSPT 5117

MS Docket No. MS43078201

Serial No. (if known) _____

6/29/04

Date

R Ramirez

Ramirez Naam

7-1-04

Date

Nicole Ashley Hamilton

Nicole Ashley Hamilton

6/24/04

Date

Oliver Hurst-Hiller

Oliver Hurst-Hiller

6/29/04

Date

Brett D. Brewer

Brett D. Brewer