

1-31-92

MSET-0039 [37461.1]

07-15-1999



101093640

U.S. DEPARTMENT OF COMMERCE

ET

Patent and Trademark Office

To The Honorable Commissioner of P:
thereof.

the attached original document or

1. Name of conveying party(ies):

[1] Dmitriy Meyerzon [2] Srikanth Shoroff
[3] F. Soner Terek [4] Sankrant SanuAdditional name(s) of conveying party(ies)
attached? () YES (X) NO

3. Nature of Conveyance:

(X) Assignment () Merger

() Security Agreement

() Change of Name

() Other:

Execution Date: **[1] 6/23/99 [2] 6/23/99****[3] 6/3/99 [4] 6/28/99**

2. Name and address of receiving party(ies):

Name: **MICROSOFT CORPORATION**Internal Address: **One Microsoft Way****Redmond, Washington 98052**

Street Address: SAME AS ABOVE

City

State

ZIP

Additional name(s) & address attached? () YES (X) NO

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

If this document is being filed together with a new application, the execution date of the application is:
6/23/99; 6/23/99; 6/3/99; 6/28/99

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? () YES (X) NO

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

Name: **Michael D. Stein**Internal Address: **WOODCOCK WASHBURN KURTZ****MACKIEWICZ & NORRIS LLP****One Liberty Place - 46th Floor****Philadelphia, Pennsylvania 19103-7301**Street Address: **WOODCOCK WASHBURN KURTZ****MACKIEWICZ & NORRIS LLP****One Liberty Place - 46th Floor****1650 Market Street****Philadelphia, Pennsylvania 19103-7301**

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$40.00

(X) Enclosed

() Authorized to be charged to Deposit Account

Number 23-3050

8. Please charge any deficiency or credit any
overpayment to Deposit Account Number 23-3050

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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.

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Signature

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
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Washington, D.C. 20231

ASSIGNMENT

WHEREAS, we, **DMITRIY MEYERZON, SRIKANTH SHOROFF, F. SONER TEREK** and **SANKRANT SANU** (hereinafter referred to as ASSIGNORS), having post office addresses of **2680 139th Avenue SE #116, Bellevue, Washington 98007, 25049 SE 42nd Street, Issaquah, Washington 98029, 16918 NE 38th Place, Bellevue, Washington 98008** and **18011 NE 109th Court, Redmond, Washington 98052** respectively, are the joint inventors of an invention entitled **AMETHOD AND SYSTEM FOR INCREMENTAL WEB CRAWLING,**@ as described and claimed in the specification forming part of an application for United States letter 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, 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, 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 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 purposes of protecting title to said invention or letters patent therefor.

 (L.S.)
DMITRIY MEYERZON

State of Washington :
: SS

COUNTY OF King :

On this 23rd day of June, 1999, before me personally came the above named **Dmitriy Meyerzon** to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Holly L. Templeton
Notary Public

* * * * *

Srikanth Shoroff (L.S.)
SRIKANTH SHOROFF

State of Washington :
: SS

COUNTY OF King :

On this 23rd day of June, 1999, before me personally came the above named **Srikanth Shoroff** to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

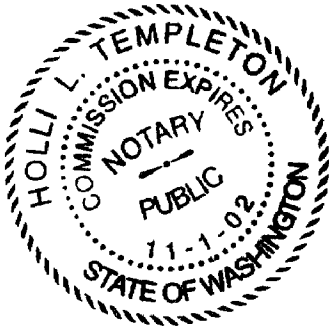
Holly L. Templeton
Notary Public

* * * * *

F. Soner Terek (L.S.)
F. SONER TEREK

State of Washington :
: SS
COUNTY OF King :

On this 3rd day of June, 1999, before me personally came the above named **F. Soner Terek** to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.



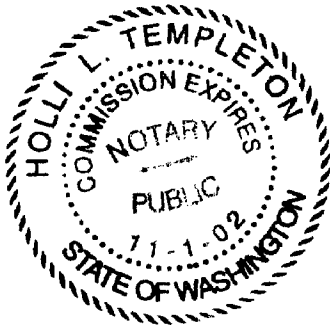
Holli L. Templeton
Notary Public

* * * * *

Sankrant Sanu (L.S.)
SANKRANT SANU 6/28/99

State of Washington :
: SS
COUNTY OF King :

On this 28th day of June, 1999, before me personally came the above named **Sankrant Sanu** to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.



Holli L. Templeton
Notary Public