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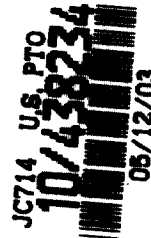
1. Name of conveying party(ies):

1. Jeffrey P. Snover
2. James W. Truher III
3. Daryl W. Wray
4. Kaushik Pushpavanam

5.12.03

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

Microsoft Corporation
One Microsoft Way
Redmond, Washington 98052

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
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☐ Other:

Execution Dates: No. 1 on May 11, 2003 and Nos. 2-4 on
April 18, 2003

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: No. 1 on May 11, 2003
and Nos. 2-4 on April 18, 2003

A. Patent Application No.(s)

10438234

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Marcia A. Tunheim
Address: Merchant & Gould P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903



6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40
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☐ Authorized to be charged to deposit account

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Marcia A. Tunheim

Name of Person Signing

Signature

May 12, 2003

Date

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PATENT
REEL: 014082 FRAME: 0498

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Filing Date Executed Concurrently Herewith
Inventorship Jeffrey P. Snover et al.
Applicant Microsoft Corporation
Attorney's Docket No. 50037.0164US01
MS Docket No. 301502.1
Title: REFLECTION-BASED PROCESSING OF INPUT PARAMETERS FOR COMMANDS

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Jeffrey P. Snover
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Daryl W. Wray
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Redmond, Washington 98052

Kaushik Pushpavanam
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Seattle, Washington 98136

Assignee:

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

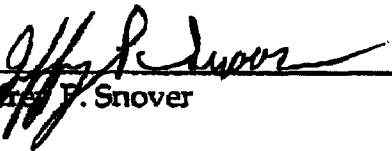
AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "REFLECTION-BASED PROCESSING OF INPUT PARAMETERS FOR COMMANDS," 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 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, 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 therefore.

5/11/2003
Date


Jeffrey F. Snover

Date

James W. Truher III

Date

Daryl W. Wray

Date


Kaushik Pushpavanam

Date

Jeffrey P. Snover

4/18/03

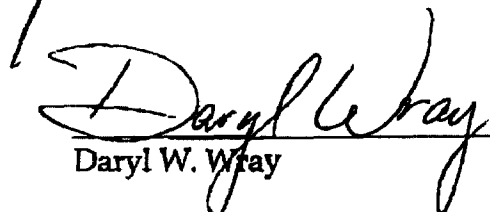
Date



James W. Truher III

4/18/03

Date



Daryl W. Wray

Date

Kaushik Pushpavanam

Date _____ Jeffrey P. Snover _____

Date _____ James W. Truher III _____

Date _____ Daryl W. Wray _____

Date 4/18/2003 _____
Date _____ P. Kaushik _____
Kaushik Pushpavanani